

Lab ZE40 - 5P010177

PROJECT DOCUMENTATION

January 09, 2002

TABLE OF CONTENTS

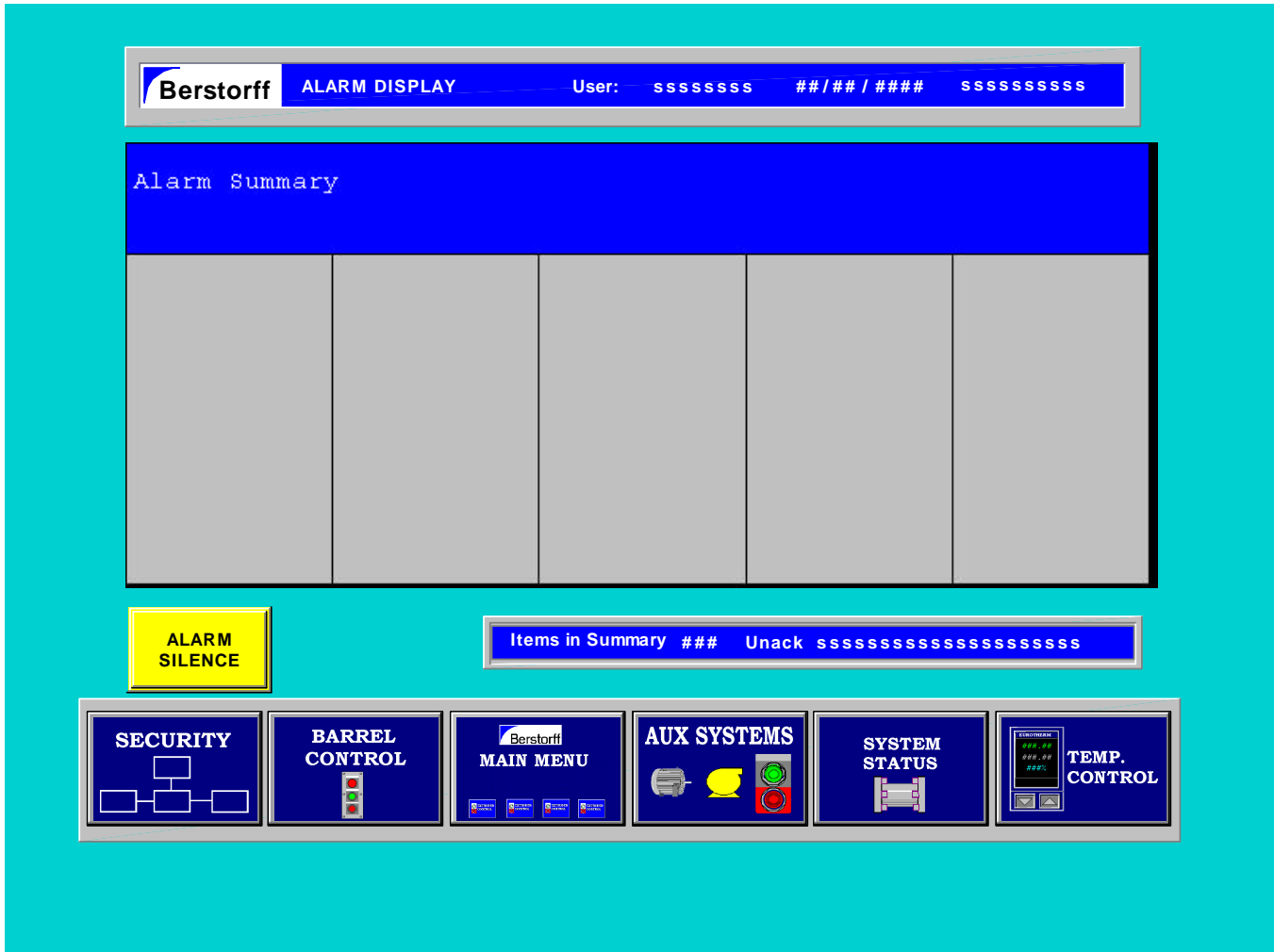
| | | |
|----------|--|----------|
| 1 | GRAPHICS | 2 |
| 1.1 | Graphics\Display | 2 |
| 1.1.1 | Graphics\Display\Alarms | 2 |
| 1.1.2 | Graphics\Display\Aux Systems Index | 4 |
| 1.1.3 | Graphics\Display\AuxControl | 5 |
| 1.1.4 | Graphics\Display\BarrelStatusKey | 10 |
| 1.1.5 | Graphics\Display\ExtMotorPopup | 11 |
| 1.1.6 | Graphics\Display\Extruder 110 | 13 |
| 1.1.7 | Graphics\Display\Extruder layout | 16 |
| 1.1.8 | Graphics\Display\ExtruderLayout2 | 38 |
| 1.1.9 | Graphics\Display\HelpScreenIndex | 59 |
| 1.1.10 | Graphics\Display\LoopConfiguration | 60 |
| 1.1.11 | Graphics\Display>Main Control Index | 62 |
| 1.1.12 | Graphics\Display>MainControl | 64 |
| 1.1.13 | Graphics\Display>MainMenu | 68 |
| 1.1.14 | Graphics\Display\MeltTempPopup | 71 |
| 1.1.15 | Graphics\Display\Menu Buttons | 72 |
| 1.1.16 | Graphics\Display\Motor and Gear Box | 74 |
| 1.1.17 | Graphics\Display\SecurityIndex | 76 |
| 1.1.18 | Graphics\Display\SetupMaint | 77 |
| 1.1.19 | Graphics\Display\Side Feeders | 82 |
| 1.1.20 | Graphics\Display\System Status Index | 87 |
| 1.1.21 | Graphics\Display\TempControlMenu | 88 |
| 1.1.22 | Graphics\Display\TempControl | 90 |
| 1.1.23 | Graphics\Display\ZoneNames | 94 |

Lab ZE40 - 5P010177 PROJECT DOCUMENTATION January 09, 2002

1 GRAPHICS

1.1 Graphics\Display

1.1.1 Graphics\Display\Alarms



1.1.1.1 Display Settings

| <u>Section</u> | <u>Option</u> | <u>Selection</u> |
|----------------|--------------------------------|--------------------------------|
| Properties | Display Type | Replace |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | No |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | No (Size in Pixels: 800 x 600) |
| | Allow Display to be Resized | No |
| | Use Current Position | No (Position in Pixels: 0 x 0) |

| Section | Option | Selection |
|----------|---|--------------------------|
| Behavior | Security Code | * |
| | Background Color | 0xD0D000 |
| | Startup Command | |
| | Shutdown Command | |
| | Input Field Not Selected Text Color | 0x0 |
| | Input Field Not Selected Fill Color | 0xFFFFFFFF |
| | Input Field Selected Text Color | 0xFFFFFFFF |
| | Input Field Selected Fill Color | 0x800000 |
| | Beep on Press of Interactive Object | No |
| | Highlight when Cursor Passes Over Interactive Objects | Yes Highlight Color: 0x0 |
| | Highlight Color of Objects with Input Focus | 0xFF00 |
| | Display On-screen Keyboard | No |

1.1.1.2 Animated Display Objects

| Object Name | Grouping | X | Y | Property | Expression |
|-----------------|-----------|-----|-----|---------------------------------------|--|
| Group3 | ++Group3 | 302 | 386 | | |
| Rectangle | | 307 | 392 | Rectangle: Color Control | if system\AlarmSummaryItemsUnacked then 2 else if system\AlarmSummaryItems then 1 else 0 |
| NumericDisplay1 | | 427 | 396 | Numeric Display | system\AlarmSummaryItems |
| StringDisplay1 | | 512 | 396 | String Display | system\AlarmStatus |
| Group3 | +Group3 | | | | |
| Group13 | ++Group13 | 76 | 27 | | |
| Group11 | ++Group11 | 76 | 27 | | |
| StringDisplay2 | | 603 | 44 | String Display | system\Time |
| Group9 | ++Group9 | 358 | 45 | | |
| StringDisplay3 | | 409 | 45 | String Display | system\User |
| Group9 | +-Group9 | | | | |
| Group10 | ++Group10 | 499 | 45 | | |
| NumericDisplay2 | | 499 | 45 | Numeric Display | system\Month |
| NumericDisplay3 | | 522 | 45 | Numeric Display | system\DayOfMonth |
| NumericDisplay4 | | 549 | 45 | Numeric Display | system\Year |
| Group10 | +-Group10 | | | | |
| Group11 | ++Group11 | | | | |
| Group13 | +Group13 | | | | |
| Button9 | | 78 | 380 | Button Momentary On: "ALARM SILENCE" | ALM_SILENCE |
| | | | | Button Momentary On: "ALARM SILENCE" | ALM_SILENCE |
| | | | | ": Color Control | |
| | | | | Button Momentary On: "ALARM SILENCE" | SecMon\Word > 65533 |
| | | | | ": Visibility Control | |
| Group1 | ++Group1 | 47 | 438 | | |
| Group1 | | 47 | 438 | Group: Visibility Control | SETUP\ZSFE |
| Group1 | +Group1 | | | | |
| Button10 | | 52 | 446 | Button: Touch Control: Release Action | Display SecurityIndex |
| Button12 | | 510 | 446 | Button: Touch Control: Release Action | display System Status Index |
| Button2 | | 625 | 446 | Button: Touch Control: Release Action | Display TempControlMenu |
| Group4 | ++Group4 | 396 | 446 | | |
| Group4 | | 396 | 446 | Group: Visibility Control | secmonpatch>1 |
| Button1 | | 396 | 446 | Button: Visibility Control | secmonpatch > 1 |
| | | | | Button: Touch Control: Release Action | Display AuxControl |
| Button13 | | 396 | 446 | Button: Visibility Control | (SETUP\ZSFE) or SETUP\ZSFE2 AND (secmonpatch > 1) |
| | | | | Button: Touch Control: Release Action | Display Aux Systems Index |
| Group4 | +Group4 | | | | |
| Button5 | | 281 | 446 | Button: Touch Control: Release Action | set initest 0; set initest 1; display mainmenu |
| Button14 | | 166 | 446 | Button: Touch Control: Release Action | Display Main Control Index |
| | | | | Button: Visibility Control | secmonpatch > 1 |

1.1.1.3 Database Tags Used by the Component

| Tag Name | Tag Type | Tag Description |
|---------------------------------|----------|--|
| ALM_SILENCE | Digital | ALARM SILENCE |
| initest | Digital | |
| SecMon\Word | Analog | Current User's security access in a word |
| secmonpatch | Analog | |
| SETUP\ZSFE | Digital | Side Feeder Select Bit |
| SETUP\ZSFE2 | Digital | |
| system\AlarmStatus | String | Alarm status: number of suppressed and unacknowledged Alarms |
| system\AlarmSummaryItems | Analog | Number of Alarms |
| system\AlarmSummaryItemsUnacked | Analog | Number of unacknowledged Alarms |
| system\DayOfMonth | Analog | Day of Month |
| system\Month | Analog | Month |
| system\Time | String | System time string |
| system\User | String | Currently logged on User |
| system\Year | Analog | Year |

1.1.2 Graphics\Display\Aux Systems Index



1.1.2.1 Display Settings

| Section | Option | Selection |
|------------|---|------------------------------------|
| Properties | Display Type | On Top |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | No |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | Yes |
| | Allow Display to be Resized | Yes: When Resized - Scale |
| | Use Current Position | No (Position in Pixels: 273 x 101) |
| | Security Code | * |
| | Background Color | 0xD0D000 |
| Behavior | Startup Command | |
| | Shutdown Command | |
| | Input Field Not Selected Text Color | 0x0 |
| | Input Field Not Selected Fill Color | 0xFFFFFFFF |
| | Input Field Selected Text Color | 0xFFFFFFFF |
| | Input Field Selected Fill Color | 0xFF |
| | Beep on Press of Interactive Object | No |
| | Highlight when Cursor Passes Over Interactive Objects | Yes Highlight Color: 0x0 |
| | Highlight Color of Objects with Input Focus | 0xFF00 |
| | Display On-screen Keyboard | No |

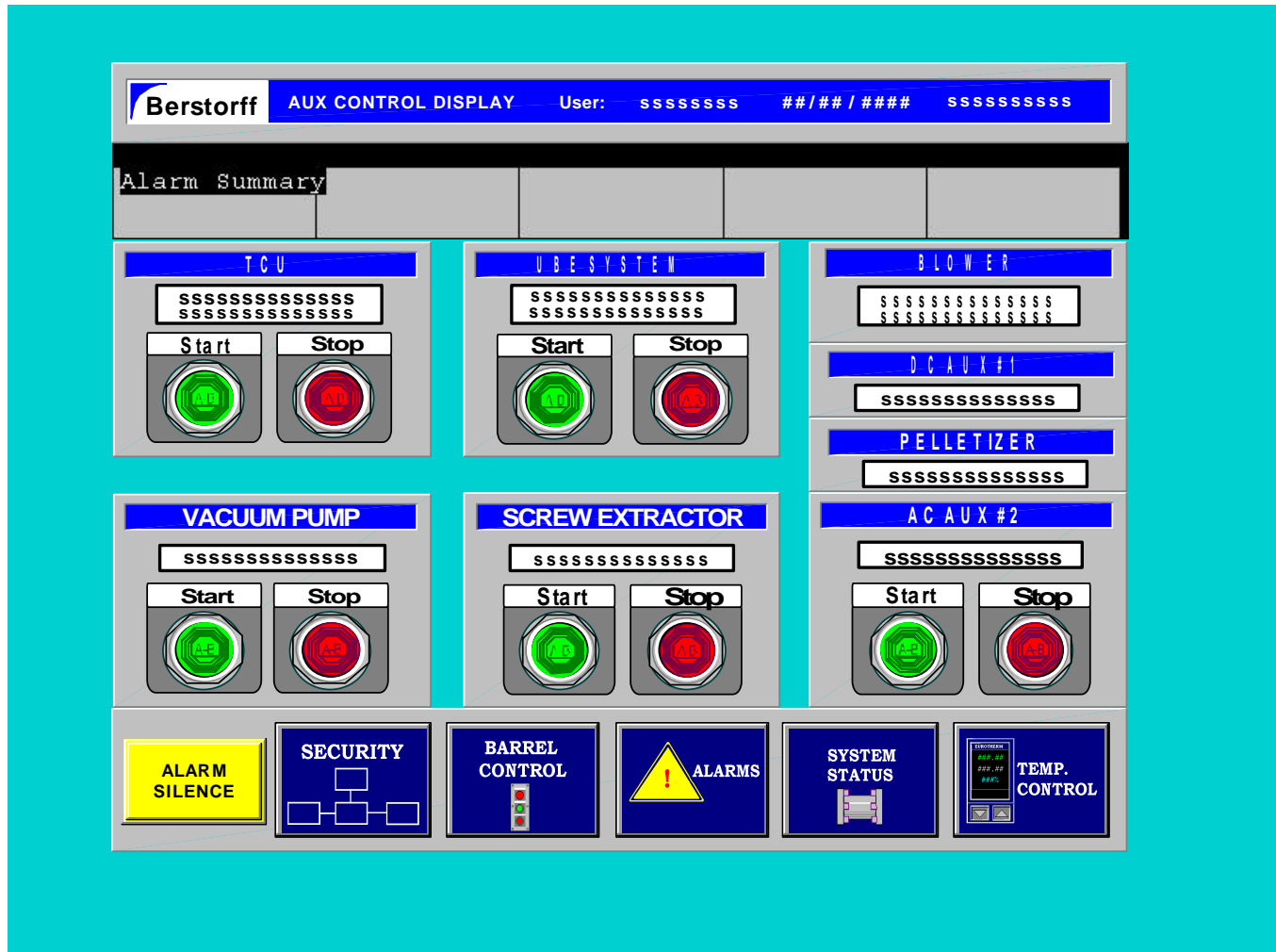
1.1.2.2 Animated Display Objects

| Object Name | Grouping | X | Y | Property | Expression |
|-------------|----------|-----|-----|--|---------------------------|
| Button3 | | 9 | 9 | Button: Touch Control: Release Action | Display AuxControl |
| Button12 | | 129 | 9 | Button: Visibility Control | SETUP\ZSFE or SETUP\ZSFE2 |
| Button7 | | 26 | 112 | Button: " << BACK ": Touch Control: Release Action | Display Side Feeders |
| Button2 | | 137 | 93 | Button Momentary On: "ALARM SILENCE" | Abort Me |
| | | | | Button Momentary On: "ALARM SILENCE" | ALM_SILENCE |
| | | | | ": Visibility Control | SecMon\Word > 65533 |
| | | | | Button Momentary On: "ALARM SILENCE" | ALM_SILENCE |
| | | | | ": Color Control | |

1.1.2.3 Database Tags Used by the Component

| Tag Name | Tag Type | Tag Description |
|-------------|----------|--|
| ALM_SILENCE | Digital | ALARM SILENCE |
| SecMon\Word | Analog | Current User's security access in a word |
| SETUP\ZSFE | Digital | Side Feeder Select Bit |
| SETUP\ZSFE2 | Digital | |

1.1.3 Graphics\Display\AuxControl



1.1.3.1 Display Settings

| Section | Option | Selection |
|---|--------------------------------|--------------------------------|
| Properties | Display Type | Replace |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | No |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | No (Size in Pixels: 800 x 600) |
| | Allow Display to be Resized | No |
| | Use Current Position | No (Position in Pixels: 0 x 0) |
| | Security Code | * |
| | Background Color | 0xD0D000 |
| | Behavior | Startup Command |
| Shutdown Command | | |
| Input Field Not Selected Text Color | | 0x0 |
| Input Field Not Selected Fill Color | | 0xFFFFFFFF |
| Input Field Selected Text Color | | 0xFFFFFFFF |
| Input Field Selected Fill Color | | 0x800000 |
| Beep on Press of Interactive Object | | No |
| Highlight when Cursor Passes Over Interactive Objects | | Yes Highlight Color: 0x0 |
| Highlight Color of Objects with Input Focus | 0xFF00 | |
| Display On-screen Keyboard | Yes | |

1.1.3.2 Animated Display Objects

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|--|---|
| Group12 | ++Group12 | 506 | 261 | | |
| Group12 | | 506 | 261 | Group: Visibility Control | SETUP\WRG AND (SecMon\Word < 65534) |
| Group11 | ++Group11 | 539 | 287 | | |
| Rectangle | | 539 | 287 | Rectangle: Color Control | If WRG\RUNNING Then 0 Else If (WRG\TEMP_ALM Or WRG\DRV_FLT) Then 1 Else 2 If WRG\RUNNING Then "RUNNING" Else If WRG\DRV_FLT Then "DRIVE FAULT" Else If WRG\TEMP_ALM Then "TEMP ALARM" Else "" |
| StringDisplay2 | | 556 | 290 | String Display | |
| Group11 | +-Group11 | | | | |
| Group12 | +Group12 | | | | |
| Group19 | ++Group19 | 506 | 143 | | |
| Group19 | | 506 | 143 | Group: Visibility Control | SETUP\BLOWER |
| Group33 | ++Group33 | 536 | 177 | | |
| Rectangle | | 536 | 177 | Rectangle: Color Control | If BLWR\LOW_PRESS Then 2 Else If BLWR\RUNNING Then 0 Else If BLWR\TRIPPED Then 1 Else 3 |
| Group153 | ++Group153 | 551 | 179 | | |
| StringDisplay4 | | 551 | 179 | String Display | If BLWR\RUNNING Then "RUNNING" Else If BLWR\TRIPPED Then "BLOWER TRIPPED" Else "" |
| StringDisplay8 | | 551 | 189 | String Display | If BLWR\LOW_PRESS Then "LOW PRESSURE" Else "" |
| Group153 | +-Group153 | | | | |
| Group33 | ++Group33 | | | | |
| Group19 | +Group19 | | | | |
| Group43 | ++Group43 | 67 | 150 | | |
| Group43 | | 67 | 150 | Group: Visibility Control | SETUP\TCU_BCU_MTR |
| Group32 | ++Group32 | 88 | 207 | | |
| Group31 | ++Group31 | 98 | 224 | | |
| Group30 | ++Group30 | 110 | 234 | | |
| Group30 | | 110 | 234 | Group: Touch Control: Press Action Group: Touch Control: Release Action | TCU\START = 1 TCU\START = 0 |
| Group30 | +-Group30 | | | | |
| Group31 | +-Group31 | | | | |
| Group32 | +-Group32 | | | | |
| Group42 | ++Group42 | 170 | 207 | | |
| Group41 | ++Group41 | 180 | 224 | | |
| Group40 | ++Group40 | 191 | 234 | | |
| Group40 | | 191 | 234 | Group: Touch Control: Press Action Group: Touch Control: Release Action | TCU\STOP = 1 TCU\STOP = 0 |
| Group40 | +-Group40 | | | | |
| Group41 | +-Group41 | | | | |
| Group42 | +-Group42 | | | | |
| Group140 | ++Group140 | 93 | 176 | | |
| Rectangle | | 93 | 176 | Rectangle: Color Control | if TCU\LOW_PRESS then 2 else If TCU\RUNNING then 0 else if TCU\TRIPPED or STATUS\TEMP\BCU_TCU_TMP_ALM or TCU\LowLevel then 1 Else 3 If TCU\RUNNING Then "RUNNING" Else If TCU\TRIPPED Then "TCU TRIPPED" Else "" If TCU\LOW_PRESS Then "LOW PRESSURE" else if STATUS\TEMP\BCU_TCU_TMP_ALM then "HI TEMPERATURE" else if TCU\LowLevel then "LOW LEVEL" else "" |
| StringDisplay13 | | 108 | 178 | String Display | |
| StringDisplay14 | | 108 | 188 | String Display | |
| Group140 | +-Group140 | | | | |
| Group43 | +Group43 | | | | |
| Group67 | ++Group67 | 288 | 150 | | |
| Group67 | | 288 | 150 | Group: Visibility Control | SETUP\LUBE_MTR |
| Group56 | ++Group56 | 309 | 207 | | |
| Group55 | ++Group55 | 319 | 225 | | |
| Group54 | ++Group54 | 330 | 235 | | |
| Group54 | | 330 | 235 | Group: Touch Control: Press Action Group: Touch Control: Release Action | LUBE\START = 1 LUBE\START = 0 |
| Group54 | +-Group54 | | | | |
| Group55 | +-Group55 | | | | |
| Group56 | +-Group56 | | | | |
| Group57 | ++Group57 | 317 | 176 | | |
| Rectangle | | 317 | 176 | Rectangle: Color Control | if LUBE\LOW_PRESS Or LUBE\SYS_FILTER OR LUBE\OIL_TEMP_HIGH then 2 else If LUBE\RUNNING Then 3 Else If LUBE\TRIPPED then 1 Else 0 If LUBE\LOW_PRESS Then "LOW PRESSURE" Else If LUBE\SYS_FILTER Then "DIRTY FILTER" else if LUBE\OIL_TEMP_HIGH then "HIGH TEMP" Else "" If LUBE\RUNNING Then "RUNNING" Else If LUBE\TRIPPED Then "PUMP TRIPPED" else "" |
| StringDisplay6 | | 329 | 187 | String Display | |
| StringDisplay7 | | 330 | 177 | String Display | |

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|--------------------------------------|--|
| Group57 | ++Group57 | | | | |
| Group66 | ++Group66 | 395 | 207 | | |
| Group65 | ++Group65 | 406 | 225 | | |
| Group64 | ++Group64 | 417 | 235 | | |
| Group64 | | 417 | 235 | Group: Touch Control: Press Action | LUBE\STOP = 1 |
| | | | | Group: Touch Control: Release Action | LUBE\STOP = 0 |
| Group64 | +-Group64 | | | | |
| Group65 | +-Group65 | | | | |
| Group66 | ++Group66 | | | | |
| Group67 | +Group67 | | | | |
| Group91 | ++Group91 | 67 | 309 | | |
| Group91 | | 67 | 309 | Group: Visibility Control | SETUP\VACUUM_MTR |
| Group80 | ++Group80 | 88 | 365 | | |
| Group79 | ++Group79 | 98 | 383 | | |
| Group78 | ++Group78 | 110 | 393 | | |
| Group78 | | 110 | 393 | Group: Touch Control: Press Action | VAC\START = 1 |
| | | | | Group: Touch Control: Release Action | VAC\START = 0 |
| Group78 | +-Group78 | | | | |
| Group79 | +-Group79 | | | | |
| Group80 | +Group80 | | | | |
| Group90 | ++Group90 | 168 | 365 | | |
| Group89 | ++Group89 | 178 | 383 | | |
| Group88 | ++Group88 | 190 | 393 | | |
| Group88 | | 190 | 393 | Group: Touch Control: Press Action | VAC\STOP = 1 |
| | | | | Group: Touch Control: Release Action | VAC\STOP = 0 |
| Group88 | +-Group88 | | | | |
| Group89 | +-Group89 | | | | |
| Group90 | +Group90 | | | | |
| Group142 | ++Group142 | 95 | 340 | | |
| Rectangle | | 95 | 340 | Rectangle: Color Control | If VAC\RUNNING Then 0 Else If VAC\TRIPPED Then 1 Else 2 If VAC\RUNNING Then "RUNNING" Else If VAC\TRIPPED Then "PUMP TRIPPED" Else "" |
| StringDisplay29 | | 111 | 342 | String Display | |
| Group142 | +Group142 | | | | |
| Group91 | +Group91 | | | | |
| Group115 | ++Group115 | 288 | 308 | | |
| Group115 | | 288 | 308 | Group: Visibility Control | SETUP\AC_AUX_1 AND (SecMon\Word < 65534) |
| Group105 | ++Group105 | 316 | 340 | | |
| Rectangle | | 316 | 340 | Rectangle: Color Control | If AUX1\RUNNING Then 0 Else If AUX1\TRIPPED Then 1 Else 2 If AUX1\RUNNING Then "RUNNING" Else If AUX1\TRIPPED Then "TRIPPED" Else "" |
| StringDisplay9 | | 332 | 343 | String Display | |
| Group105 | +Group105 | | | | |
| Group81 | ++Group81 | 313 | 365 | | |
| Group104 | ++Group104 | 313 | 365 | | |
| Group103 | ++Group103 | 323 | 383 | | |
| Group102 | ++Group102 | 334 | 393 | | |
| Group102 | | 334 | 393 | Group: Touch Control: Press Action | AUX1\START = 1 |
| | | | | Group: Touch Control: Release Action | AUX1\START = 0 |
| Group102 | +-Group102 | | | | |
| Group103 | +-Group103 | | | | |
| Group104 | +-Group104 | | | | |
| Group114 | ++Group114 | 393 | 365 | | |
| Group113 | ++Group113 | 404 | 383 | | |
| Group112 | ++Group112 | 414 | 393 | | |
| Group112 | | 414 | 393 | Group: Touch Control: Press Action | AUX1\STOP = 1 |
| | | | | Group: Touch Control: Release Action | AUX1\STOP = 0 |
| Group112 | +-Group112 | | | | |
| Group113 | +-Group113 | | | | |
| Group114 | +-Group114 | | | | |
| Group81 | +Group81 | | | | |
| Group115 | +Group115 | | | | |
| Group139 | ++Group139 | 506 | 308 | | |
| Group139 | | 506 | 308 | Group: Visibility Control | SETUP\AC_AUX_2 AND (SecMon\Word < 65534) |
| Group129 | ++Group129 | 536 | 338 | | |
| Rectangle | | 536 | 338 | Rectangle: Color Control | If AUX2\RUNNING Then 0 Else If AUX2\TRIPPED Then 1 Else 2 If AUX2\RUNNING Then "RUNNING" Else If AUX2\TRIPPED Then "TRIPPED" Else "" |
| StringDisplay10 | | 553 | 341 | String Display | |
| Group129 | +Group129 | | | | |
| Group18 | ++Group18 | 533 | 365 | | |
| Group128 | ++Group128 | 533 | 365 | | |
| Group127 | ++Group127 | 544 | 383 | | |
| Group126 | ++Group126 | 554 | 393 | | |
| Group126 | | 554 | 393 | Group: Touch Control: Press Action | AUX2\START = 1 |
| | | | | Group: Touch Control: Release Action | AUX2\START = 0 |
| Group126 | +-Group126 | | | | |
| Group127 | +-Group127 | | | | |
| Group128 | +-Group128 | | | | |
| Group138 | ++Group138 | 613 | 365 | | |
| Group137 | ++Group137 | 623 | 383 | | |

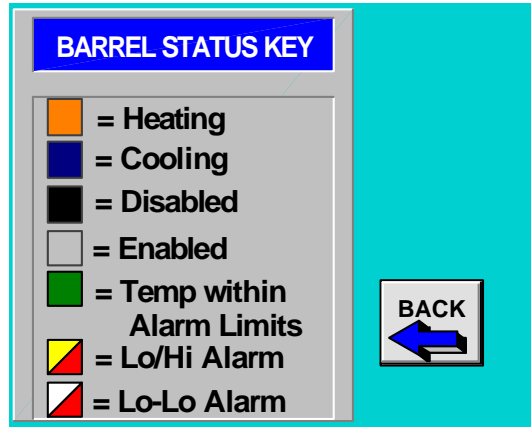
| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|---------------------------------------|---|
| Group136 | ++Group136 | 634 | 393 | | |
| Group136 | | 634 | 393 | Group: Touch Control: Press Action | AUX2\STOP = 1 |
| | | | | Group: Touch Control: Release Action | AUX2\STOP = 0 |
| Group136 | +-Group136 | | | | |
| Group137 | +-Group137 | | | | |
| Group138 | +-Group138 | | | | |
| Group18 | +-Group18 | | | | |
| Group139 | +Group139 | | | | |
| Group149 | ++Group149 | 66 | 37 | | |
| Group147 | ++Group147 | 66 | 37 | | |
| StringDisplay11 | | 593 | 54 | String Display | system\Time |
| Group145 | ++Group145 | 348 | 55 | | |
| StringDisplay12 | | 399 | 55 | String Display | system\User |
| Group145 | +-Group145 | | | | |
| Group146 | ++Group146 | 489 | 55 | | |
| NumericDisplay1 | | 489 | 55 | Numeric Display | system\Month |
| NumericDisplay2 | | 512 | 55 | Numeric Display | system\DayOfMonth |
| NumericDisplay3 | | 539 | 55 | Numeric Display | system\Year |
| Group146 | +-Group146 | | | | |
| Group147 | +-Group147 | | | | |
| Group149 | +Group149 | | | | |
| Button10 | | 169 | 453 | Button: Touch Control: Release Action | Display SecurityIndex |
| Button14 | | 597 | 453 | Button: Touch Control: Release Action | Display TempControlMenu |
| Group6 | ++Group6 | 506 | 214 | | |
| Group6 | | 506 | 214 | Group: Visibility Control | SETUP\DC_AUX_1 |
| Group5 | ++Group5 | 534 | 239 | | |
| Rectangle | | 534 | 239 | Rectangle: Color Control | If DCAUX1\RUNNING Then 0 Else If DCAUX1\DRV_FLT Then 1 Else 2 If DCAUX1\RUNNING Then "RUNNING" Else If DCAUX1\DRV_FLT Then "DRIVE FAULT" Else "" |
| StringDisplay1 | | 551 | 242 | String Display | |
| Group5 | +-Group5 | | | | |
| Group6 | +Group6 | | | | |
| Button1 | | 73 | 463 | Button Momentary On: "ALARM SILENCE" | ALM_SILENCE |
| | | | | Button Momentary On: "ALARM SILENCE" | SecMon\Word > 65533 |
| | | | | ": Visibility Control | |
| | | | | Button Momentary On: "ALARM SILENCE" | ALM_SILENCE |
| | | | | ": Color Control | |
| Button2 | | 384 | 453 | Button: Touch Control: Release Action | Display Alarms |
| Button3 | | 277 | 453 | Button: Touch Control: Release Action | Display Main Control Index |
| | | | | Button: Visibility Control | secmonpatch > 1 |
| Button4 | | 489 | 453 | Button: Touch Control: Release Action | display System Status Index |

1.1.3.3 Database Tags Used by the Component

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-----------------------------|-----------------|--|
| ALM_SILENCE | Digital | ALARM SILENCE |
| AUX1\RUNNING | Digital | Aux1Status - Running |
| AUX1\START | Digital | Aux1 Start Pushbutton |
| AUX1\STOP | Digital | Aux1 Stop Pushbutton |
| AUX1\TRIPPED | Digital | AC Aux1 Status - Tripped |
| AUX2\RUNNING | Digital | Aux2 Status - Running |
| AUX2\START | Digital | Aux2 Start Pushbutton |
| AUX2\STOP | Digital | Aux2 Stop Pushbutton |
| AUX2\TRIPPED | Digital | AC Aux2 Status - Tripped |
| BLWR\LOW_PRESS | Digital | Blower Status - Low Pressure |
| BLWR\RUNNING | Digital | Blower Status - Running |
| BLWR\TRIPPED | Digital | Blower Status - Tripped |
| DCAUX1\DRV_FLT | Digital | DC Aux #1 Status - Drive Fault |
| DCAUX1\RUNNING | Digital | DC Aux #1 Status - Running |
| LUBE\LOW_PRESS | Digital | Lube Status - Low Pressure |
| LUBE\OIL_TEMP_HIGH | Digital | LUBE OIL HIGH TEMP. |
| LUBE\RUNNING | Digital | Lube Status - Running |
| LUBE\START | Digital | Lube Start Pushbutton |
| LUBE\STOP | Digital | Lube Stop Pushbutton |
| LUBE\SYS_FILTER | Digital | Lube Status - Filter Dirty |
| LUBE\TRIPPED | Digital | Lube Status - Tripped |
| SecMon\Word | Analog | Current User's security access in a word |
| secmonpatch | Analog | |
| SETUP\AC_AUX_1 | Digital | Screw Extractor Setup Bit |
| SETUP\AC_AUX_2 | Digital | |
| SETUP\BLOWER | Digital | Blower Select Bit |
| SETUP\DC_AUX_1 | Digital | Setup DC Aux Drive |
| SETUP\LUBE_MTR | Digital | Select Lube Motor |
| SETUP\TCU_BCU_MTR | Digital | TCU Select Bit |
| SETUP\VACUUM_MTR | Digital | Select Vacuum |
| SETUP\WRG | Digital | WRG Select Bit |
| STATUS\TEMP\BCU_TCU_TMP_ALM | Digital | BCU\TCU Temperature Alarm |
| system\DayOfMonth | Analog | Day of Month |

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-----------------|-----------------|--------------------------------|
| system\Month | Analog | Month |
| system\Time | String | System time string |
| system\User | String | Currently logged on User |
| system\Year | Analog | Year |
| TCU\LOW_PRESS | Digital | TCU Status - Low Pressure |
| TCU\LowLevel | Digital | |
| TCU\RUNNING | Digital | TCU Status - Running |
| TCU\START | Digital | TCU Start Pushbutton |
| TCU\STOP | Digital | TCU Stop Pushbutton |
| TCU\TRIPPED | Digital | TCU Status - Tripped |
| VAC\RUNNING | Digital | Vacuum Status - Running |
| VAC\START | Digital | Vacuum Start Pushbutton |
| VAC\STOP | Digital | Vacuum Stop Pushbutton |
| VAC\TRIPPED | Digital | Vacuum Status - Tripped |
| WRG\DRV_FLT | Digital | Wrg Status - Drive Fault |
| WRG\RUNNING | Digital | Wrg Status - Running |
| WRG\TEMP_ALM | Digital | Wrg Status - Temperature Alarm |

1.1.4 Graphics\Display\BarrelStatusKey



1.1.4.1 Display Settings

| <u>Section</u> | <u>Option</u> | <u>Selection</u> |
|---|--------------------------------|------------------------------------|
| Properties | Display Type | On Top |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | No |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | No (Size in Pixels: 250 x 200) |
| | Allow Display to be Resized | Yes: When Resized - Scale |
| | Use Current Position | No (Position in Pixels: 375 x 300) |
| | Security Code | * |
| | Background Color | 0xD0D000 |
| | Behavior | Startup Command |
| Shutdown Command | | |
| Input Field Not Selected Text Color | | 0x0 |
| Input Field Not Selected Fill Color | | 0xFFFFFFFF |
| Input Field Selected Text Color | | 0xFFFFFFFF |
| Input Field Selected Fill Color | | 0xFF |
| Beep on Press of Interactive Object | | No |
| Highlight when Cursor Passes Over Interactive Objects | | Yes Highlight Color: 0x0 |
| Highlight Color of Objects with Input Focus | | 0xFF00 |
| Display On-screen Keyboard | | No |

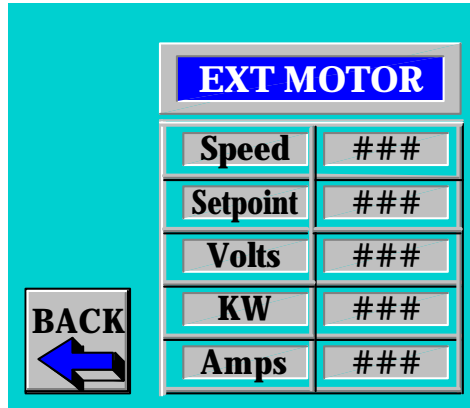
1.1.4.2 Animated Display Objects

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|--|---------------------|
| Button9 | | 174 | 130 | Button: "BACK" | ABORT ME |
| | | | | ": Touch Control: Release Action Button: "BACK" | ALM_SILENCE |
| | | | | ": Color Control Button: "BACK" | SecMon\Word > 65533 |
| | | | | ": Visibility Control | |

1.1.4.3 Database Tags Used by the Component

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-----------------|-----------------|--|
| ALM_SILENCE | Digital | ALARM SILENCE |
| SecMon\Word | Analog | Current User's security access in a word |

1.1.5 Graphics\Display\ExtMotorPopup



1.1.5.1 Display Settings

| Section | Option | Selection |
|---|--------------------------------|---------------------------|
| Properties | Display Type | On Top |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | No |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | Yes |
| | Allow Display to be Resized | Yes: When Resized - Scale |
| | Use Current Position | Yes |
| | Security Code | * |
| | Background Color | 0xD0D000 |
| | Behavior | Startup Command |
| Shutdown Command | | |
| Input Field Not Selected Text Color | | 0x0 |
| Input Field Not Selected Fill Color | | 0xFFFFFFFF |
| Input Field Selected Text Color | | 0xFFFFFFFF |
| Input Field Selected Fill Color | | 0xFF |
| Beep on Press of Interactive Object | | No |
| Highlight when Cursor Passes Over Interactive Objects | | Yes Highlight Color: 0x0 |
| Highlight Color of Objects with Input Focus | | 0xFF00 |
| Display On-screen Keyboard | | No |

1.1.5.2 Animated Display Objects

| Object Name | Grouping | X | Y | Property | Expression |
|------------------|-----------|-----|-----|-----------------|------------------------------------|
| Group84 | ++Group84 | 148 | 85 | | |
| NumericDisplay14 | | 161 | 85 | Numeric Display | EXT\SPEED_SP |
| Group84 | +-Group84 | | | | |
| Group79 | ++Group79 | 148 | 60 | | |
| NumericDisplay15 | | 161 | 60 | Numeric Display | ext\speed |
| Group79 | +-Group79 | | | | |
| Group86 | ++Group86 | 148 | 110 | | |
| NumericDisplay10 | | 161 | 110 | Numeric Display | EXT\VOLT |
| Group86 | +-Group86 | | | | |
| Group91 | ++Group91 | 148 | 135 | | |
| NumericDisplay11 | | 161 | 135 | Numeric Display | EXT\KW |
| Group91 | +-Group91 | | | | |
| Group93 | ++Group93 | 148 | 160 | | |
| NumericDisplay12 | | 161 | 160 | Numeric Display | EXT\AMPS |
| Group93 | +-Group93 | | | | |
| Button1 | | 8 | 134 | Button: "BACK" | abort me;&Set MachineView\Screw 0; |

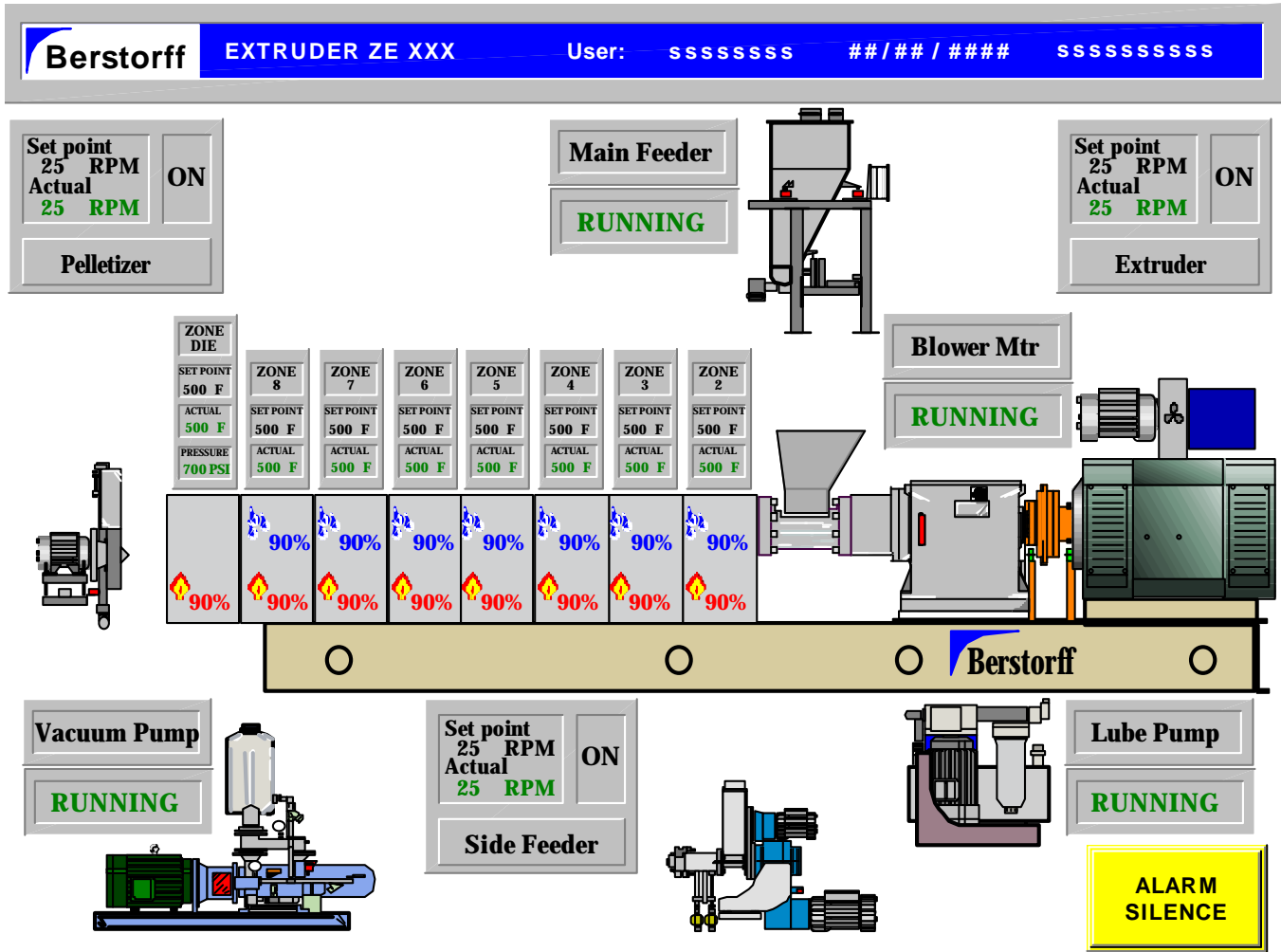
": Touch Control: Release Action

1.1.5.3 Database Tags Used by the Component

| Tag Name | Tag Type | Tag Description |
|-----------|----------|-----------------|
| EXT\AMPS | Analog | Extruder Amps |
| EXT\KW | Analog | Extruder KW |
| ext\speed | Analog | Extruder Speed |

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-------------------|-----------------|-------------------------|
| EXT\SPEED_SP | Analog | Extruder Speed Setpoint |
| EXT\VOLT | Analog | Extruder Volts |
| MachineView\Screw | Digital | |

1.1.6 Graphics\Display\Extruder 110



1.1.6.1 Display Settings

| Section | Option | Selection | |
|---|--------------------------------|-------------------------------------|-----|
| Properties | Display Type | Replace | |
| | Allow Multiple Running Copies | No | |
| | Cache after Displaying | No | |
| | Title Bar | No | |
| | System Menu | No | |
| | Minimize Button | No | |
| | Maximize Button | No | |
| | Size to Main Window at Runtime | No | |
| | Show last Acquired Value | Yes | |
| | Use Current Size | No (Size in Pixels: 638 x 478) | |
| | Allow Display to be Resized | Yes: When Resized - Scale | |
| | Use Current Position | Yes | |
| | Security Code | * | |
| | Background Color | 0xFFFFFF | |
| | Behavior | Startup Command | |
| | | Shutdown Command | |
| | | Input Field Not Selected Text Color | 0x0 |
| Input Field Not Selected Fill Color | | 0xFFFFFF | |
| Input Field Selected Text Color | | 0x0 | |
| Input Field Selected Fill Color | | 0xFFFFFF | |
| Beep on Press of Interactive Object | | No | |
| Highlight when Cursor Passes Over Interactive Objects | Yes Highlight Color: 0x0 | | |
| Highlight Color of Objects with Input Focus | 0xFF00 | | |
| Display On-screen Keyboard | No | | |

1.1.6.2 Animated Display Objects

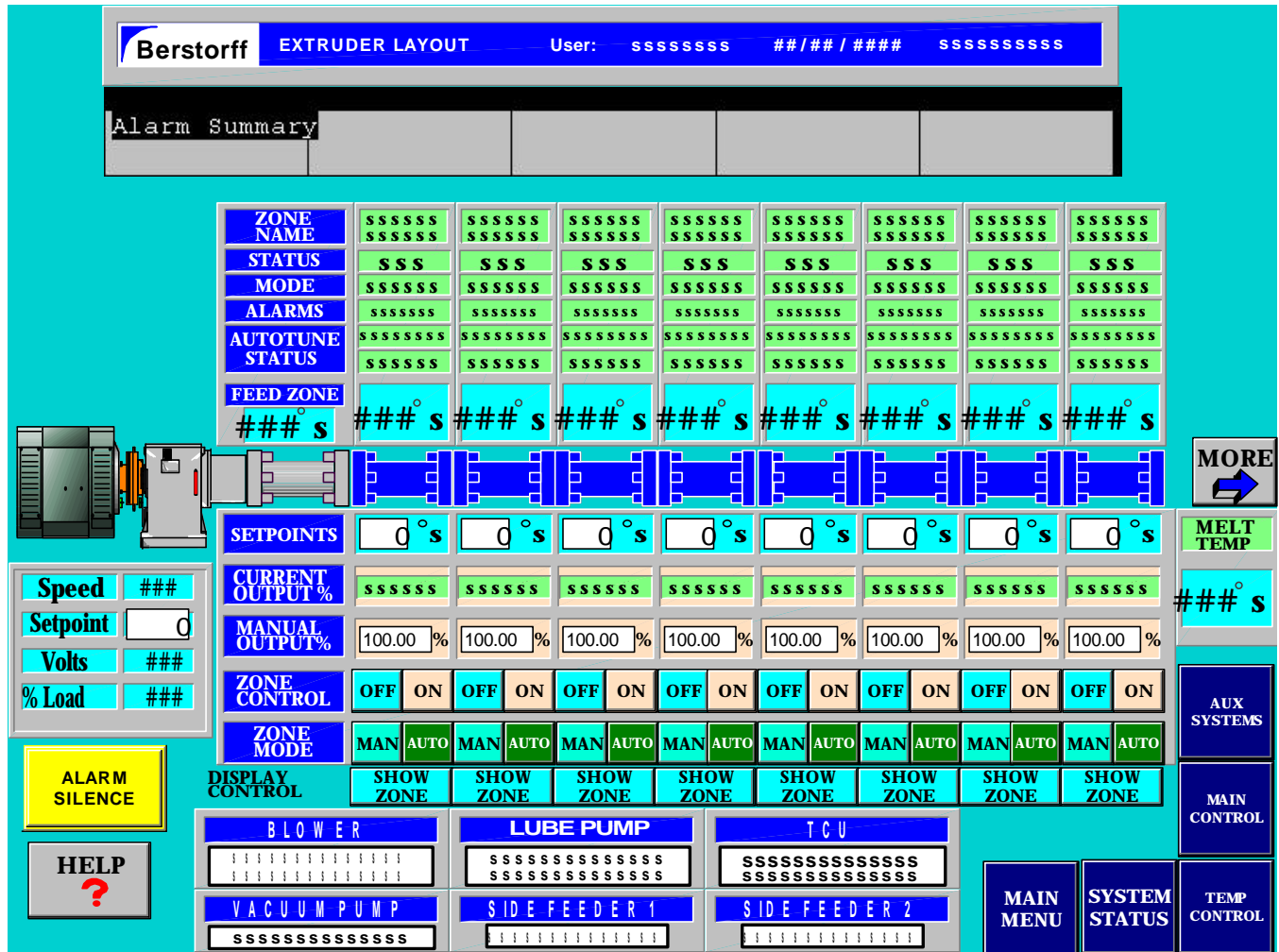
| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|--|---|
| Button9 | | 541 | 421 | Button Momentary On: "ALARM SILENCE" | ALM_SILENCE |
| | | | | Button Momentary On: "ALARM SILENCE": Visibility Control | system\User = "DEFAULT" |
| | | | | Button Momentary On: "ALARM SILENCE": Color Control | ALM_SILENCE |
| Group8 | ++Group8 | -1 | 0 | | |
| Group14 | ++Group14 | -1 | 0 | | |
| StringDisplay1 | | 526 | 17 | String Display | system\Time |
| Group12 | ++Group12 | 281 | 18 | | |
| StringDisplay2 | | 332 | 18 | String Display | system\User |
| Group12 | +-Group12 | | | | |
| Group13 | ++Group13 | 422 | 18 | | |
| NumericDisplay1 | | 422 | 18 | Numeric Display | system\Month |
| NumericDisplay2 | | 445 | 18 | Numeric Display | system\DayOfMonth |
| NumericDisplay3 | | 472 | 18 | Numeric Display | system\Year |
| Group13 | +-Group13 | | | | |
| Group14 | +Group14 | | | | |
| Group8 | +Group8 | | | | |
| Group25 | ++Group25 | 377 | 214 | | |
| Polygon | | 487 | 244 | Polygon: Rotation Control | system\second |
| Group25 | +Group25 | | | | |
| Group126 | ++Group126 | 210 | 348 | | |
| Group125 | ++Group125 | 210 | 348 | | |
| Group121 | ++Group121 | 217 | 408 | | |
| Group121 | | 217 | 408 | Group: Touch Control: Release Action | Display Side Feeders |
| Group121 | +-Group121 | | | | |
| Group125 | +Group125 | | | | |
| Group126 | +Group126 | | | | |
| Group241 | ++Group241 | 526 | 58 | | |
| Group240 | ++Group240 | 526 | 58 | | |
| Group236 | ++Group236 | 533 | 118 | | |
| Group236 | | 533 | 118 | Group: Touch Control: Release Action | Display MainControl |
| Group236 | +-Group236 | | | | |
| Group240 | +Group240 | | | | |
| Group241 | +Group241 | | | | |
| Group232 | ++Group232 | 81 | 246 | | |
| Group66 | ++Group66 | 81 | 246 | | |
| Group66 | | 81 | 246 | Group: Touch Control: Release Action | Display Zone6to9Popup /PZone6To9TempControl |
| Group66 | +Group66 | | | | |
| Group49 | ++Group49 | 228 | 246 | | |
| Group49 | | 228 | 246 | Group: Touch Control: Release Action | Display Zone2to5Popup /PZone2To5TempControl |
| Group49 | +Group49 | | | | |
| Group232 | +Group232 | | | | |
| Group77 | ++Group77 | 122 | 252 | | |
| Group39 | ++Group39 | 122 | 285 | | |
| Group39 | | 122 | 285 | Group: Visibility Control | TEMPCTLZ8\ssr |
| Group39 | +Group39 | | | | |
| Group38 | ++Group38 | 122 | 252 | | |
| Group38 | | 122 | 252 | Group: Visibility Control | TEMPCTLZ8\sv |
| Group38 | +Group38 | | | | |
| Group77 | +Group77 | | | | |
| Group86 | ++Group86 | 157 | 252 | | |
| Group37 | ++Group37 | 157 | 285 | | |
| Group37 | | 157 | 285 | Group: Visibility Control | TEMPCTLZ7\ssr |
| Group37 | +Group37 | | | | |
| Group36 | ++Group36 | 157 | 252 | | |
| Group36 | | 157 | 252 | Group: Visibility Control | TEMPCTLZ7\sv |
| Group36 | +Group36 | | | | |
| Group86 | +Group86 | | | | |
| Group95 | ++Group95 | 83 | 285 | | |
| Group95 | | 83 | 285 | Group: Visibility Control | TEMPCTLZ9\ssr |
| Group95 | +Group95 | | | | |
| Group288 | ++Group288 | 194 | 252 | | |
| Group34 | ++Group34 | 194 | 285 | | |
| Group34 | | 194 | 285 | Group: Visibility Control | TEMPCTLZ6\ssr |
| Group34 | +Group34 | | | | |
| Group35 | ++Group35 | 194 | 252 | | |
| Group35 | | 194 | 252 | Group: Visibility Control | TEMPCTLZ6\sv |
| Group35 | +Group35 | | | | |
| Group288 | +Group288 | | | | |
| Group297 | ++Group297 | 229 | 252 | | |
| Group33 | ++Group33 | 229 | 285 | | |
| Group33 | | 229 | 285 | Group: Visibility Control | TEMPCTLZ5\ssr |
| Group33 | +Group33 | | | | |
| Group32 | ++Group32 | 229 | 252 | | |
| Group32 | | 229 | 252 | Group: Visibility Control | TEMPCTLZ5\sv |
| Group32 | +Group32 | | | | |
| Group297 | +Group297 | | | | |
| Group306 | ++Group306 | 267 | 252 | | |
| Group30 | ++Group30 | 267 | 285 | | |

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|---------------------------|-------------------|
| Group30 | | 267 | 285 | Group: Visibility Control | TEMPCTL\z4\ssr |
| Group30 | +-Group30 | | | | |
| Group27 | ++Group27 | 267 | 252 | | |
| Group27 | | 267 | 252 | Group: Visibility Control | TEMPCTL\Z4\Sv |
| Group27 | +-Group27 | | | | |
| Group306 | +Group306 | | | | |
| Group315 | ++Group315 | 303 | 252 | | |
| Group26 | ++Group26 | 303 | 285 | | |
| Group26 | | 303 | 285 | Group: Visibility Control | TEMPCTL\Z3\Ssr |
| Group26 | +-Group26 | | | | |
| Group24 | ++Group24 | 303 | 252 | | |
| Group24 | | 303 | 252 | Group: Visibility Control | TEMPCTL\Z3\Sv |
| Group24 | +-Group24 | | | | |
| Group315 | +Group315 | | | | |
| Group324 | ++Group324 | 341 | 252 | | |
| Group23 | ++Group23 | 341 | 285 | | |
| Group23 | | 341 | 285 | Group: Visibility Control | TEMPCTL\Z2\Ssr |
| Group23 | +-Group23 | | | | |
| Group22 | ++Group22 | 341 | 252 | | |
| Group22 | | 341 | 252 | Group: Visibility Control | TEMPCTL\Z2\Sv |
| Group22 | +-Group22 | | | | |
| Group324 | +Group324 | | | | |

1.1.6.3 Database Tags Used by the Component

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-------------------|-----------------|--------------------------|
| ALM_SILENCE | Digital | ALARM SILENCE |
| system\DayOfMonth | Analog | Day of Month |
| system\Month | Analog | Month |
| system\second | Analog | Seconds (0 - 59) |
| system\Time | String | System time string |
| system\User | String | Currently logged on User |
| system\Year | Analog | Year |
| TEMPCTL\Z2\Ssr | Digital | Zone 2 SSR |
| TEMPCTL\Z2\Sv | Digital | Zone 2 Cooling Sol Valve |
| TEMPCTL\Z3\Ssr | Digital | Zone 3 SSR |
| TEMPCTL\Z3\Sv | Digital | Zone 3 Cool SV |
| TEMPCTL\z4\ssr | Digital | Zone 4 SSR |
| TEMPCTL\Z4\Sv | Digital | Zone 4 Cool SV |
| TEMPCTL\Z5\ssr | Digital | Zone 5 SSR |
| TEMPCTL\Z5\Sv | Digital | Zone 5 Cool SV |
| TEMPCTL\Z6\ssr | Digital | Zone 6 SSR |
| TEMPCTL\Z6\sv | Digital | Zone 6 Cool Sv |
| TEMPCTL\Z7\ssr | Digital | Zone 7 SSR |
| TEMPCTL\Z7\sv | Digital | Zone 7 Cool SV |
| TEMPCTL\Z8\ssr | Digital | Zone 8 SSR |
| TEMPCTL\Z8\sv | Digital | Zone 8 Cool SV |
| TEMPCTL\Z9\ssr | Digital | Zone 9 SSR |

1.1.7 Graphics\Display\Extruder layout



1.1.7.1 Display Settings

| Section | Option | Selection | |
|---|--------------------------------|-------------------------------------|-----|
| Properties | Display Type | Replace | |
| | Allow Multiple Running Copies | No | |
| | Cache after Displaying | No | |
| | Title Bar | No | |
| | System Menu | No | |
| | Minimize Button | No | |
| | Maximize Button | No | |
| | Size to Main Window at Runtime | No | |
| | Show last Acquired Value | No | |
| | Use Current Size | No (Size in Pixels: 800 x 600) | |
| | Allow Display to be Resized | No | |
| | Use Current Position | Yes | |
| | Security Code | * | |
| | Background Color | 0xD0D000 | |
| | Behavior | Startup Command | |
| | | Shutdown Command | |
| | | Input Field Not Selected Text Color | 0x0 |
| Input Field Not Selected Fill Color | | 0xFFFFFFFF | |
| Input Field Selected Text Color | | 0xFFFFFFFF | |
| Input Field Selected Fill Color | | 0xFF | |
| Beep on Press of Interactive Object | | No | |
| Highlight when Cursor Passes Over Interactive Objects | | Yes Highlight Color: 0xFFFF | |
| Highlight Color of Objects with Input Focus | | 0xFF00 | |
| Display On-screen Keyboard | | Yes | |

1.1.7.2 Animated Display Objects

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|-----------------------------------|---|
| Group684 | ++Group684 | 1 | 352 | | |
| Group683 | ++Group683 | 4 | 356 | | |
| Group703 | ++Group703 | 9 | 359 | | |
| Group708 | ++Group708 | 9 | 359 | | |
| Group691 | ++Group691 | 73 | 359 | | |
| NumericDisplay28 | | 83 | 359 | Numeric Display | ext\speed |
| Group691 | +-Group691 | | | | |
| Group708 | +-Group708 | | | | |
| Group707 | ++Group707 | 9 | 381 | | |
| Group687 | ++Group687 | 73 | 381 | | |
| Group686 | ++Group686 | 75 | 381 | | |
| NumericInput4 | | 75 | 381 | Numeric Input | EXT\SPEED_SP |
| Group686 | +-Group686 | | | | |
| Group687 | +-Group687 | | | | |
| Group707 | +-Group707 | | | | |
| Group706 | ++Group706 | 9 | 405 | | |
| Group693 | ++Group693 | 73 | 405 | | |
| NumericDisplay29 | | 87 | 405 | Numeric Display | EXT\VOLT |
| Group693 | +-Group693 | | | | |
| Group706 | +-Group706 | | | | |
| Group705 | ++Group705 | 9 | 427 | | |
| Group695 | ++Group695 | 73 | 427 | | |
| NumericDisplay30 | | 87 | 427 | Numeric Display | EXT\KW |
| Group695 | +-Group695 | | | | |
| Group705 | +-Group705 | | | | |
| Group703 | +-Group703 | | | | |
| Group683 | ++Group683 | | | | |
| Group684 | +Group684 | | | | |
| Group514 | ++Group514 | 132 | 318 | | |
| Group231 | ++Group231 | 136 | 385 | | |
| Group231 | | 136 | 385 | Group: Visibility Control | secmonpatch > 2 |
| Group231 | ++Group231 | | | | |
| Group30 | ++Group30 | 136 | 452 | | |
| Group30 | | 136 | 452 | Group: Visibility Control | secmonpatch > 2 |
| Group30 | ++Group30 | | | | |
| Group514 | +Group514 | | | | |
| Group1 | ++Group1 | 0 | 0 | | |
| Group1 | | 0 | 0 | Group: Rotation Control | EXT\AMPS |
| Group1 | +Group1 | | | | |
| Group8 | ++Group8 | 60 | 1 | | |
| Group6 | ++Group6 | 60 | 1 | | |
| StringDisplay1 | | 587 | 18 | String Display | system\Time |
| Group4 | ++Group4 | 342 | 19 | | |
| StringDisplay2 | | 393 | 19 | String Display | system\User |
| Group4 | +Group4 | | | | |
| Group5 | ++Group5 | 483 | 19 | | |
| NumericDisplay1 | | 483 | 19 | Numeric Display | system\Month |
| NumericDisplay2 | | 506 | 19 | Numeric Display | system\DayOfMonth |
| NumericDisplay3 | | 533 | 19 | Numeric Display | system\Year |
| Group5 | +Group5 | | | | |
| Group6 | +Group6 | | | | |
| Group8 | +Group8 | | | | |
| Group69 | ++Group69 | 747 | 273 | | |
| Group69 | | 747 | 273 | Group: Visibility Control | SETUP\Z10TO13 or SETUP\Z14TO17 |
| Button2 | | 747 | 273 | Button: "MORE" | Display ExtruderLayout2 |
| | | | | "": Touch Control: Release Action | |
| Group69 | +Group69 | | | | |
| Group67 | ++Group67 | 13 | 528 | | |
| Button3 | | 13 | 528 | Button: "HELP" | Display BarrelStatusKey /Q4 |
| | | | | "": Touch Control: Release Action | |
| Group67 | +Group67 | | | | |
| Group352 | ++Group352 | 472 | 125 | | |
| Group352 | | 472 | 125 | Group: Visibility Control | SETUP\Z6TO9 |
| Group225 | ++Group225 | 472 | 125 | | |
| Group225 | | 472 | 125 | Group: Visibility Control | TEMPCTL\z6\DisplayLoop |
| Group224 | ++Group224 | 473 | 281 | | |
| Group223 | ++Group223 | 473 | 281 | | |
| Group223 | | 473 | 281 | Group: Color Control | If TEMPCTL\z6\SSR then 1 else if TEMPCTL\z6\Sv then 2 else if TEMPCTL\z6\HI_ALM or TEMPCTL\z6\LO_LO_ALM then 3 else if TEMPCTL\z6\HI_ALM or TEMPCTL\z6\LO_ALM then 4 else if (TEMPCTL\z6\LOOPENABLED and (TEMPCTL\z6\LO_ALM_LIMIT < TEMPCTL\z6\temperature) and (TEMPCTL\z6\temperature < TEMPCTL\z6\hi_ALM_LIMIT)) then 5 else 6 |
| | | | | Group: Visibility Control | TEMPCTL\z6\LoopEnabled |

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|---|--|
| Group223 | +-Group223 | | | | |
| Group224 | +-Group224 | | | | |
| Group587 | ++Group587 | 473 | 321 | | |
| Group580 | ++Group580 | 474 | 321 | | |
| Group579 | ++Group579 | 477 | 324 | | |
| Group578 | ++Group578 | 477 | 324 | | |
| NumericInput33 | | 477 | 324 | Numeric Input | TEMPCTL\z6\RUN_SETPOINT |
| StringDisplay46 | | 523 | 325 | String Display | if TEMPCTL\z6to9TempUnits then "C" else "F" |
| Group578 | +-Group578 | | | | |
| Group579 | +-Group579 | | | | |
| Group580 | +-Group580 | | | | |
| Group584 | ++Group584 | 475 | 387 | | |
| Group584 | | 475 | 387 | Group: Visibility Control | secmonpatch > 2 |
| Group583 | ++Group583 | 478 | 392 | | |
| Group582 | ++Group582 | 478 | 392 | | |
| NumericInput34 | | 478 | 392 | Numeric Input | TEMPCTL\z6\manualoutput |
| Group582 | +-Group582 | | | | |
| Group583 | +-Group583 | | | | |
| Group584 | +-Group584 | | | | |
| Group586 | ++Group586 | 473 | 419 | | |
| Group585 | ++Group585 | 473 | 419 | | |
| Button52 | | 473 | 419 | Button Reset: "OFF" | TEMPCTL\z6\ENABLE_LOOP |
| Button53 | | 505 | 419 | Button Set: "ON" | TEMPCTL\z6\ENABLE_LOOP |
| Group585 | +-Group585 | | | | |
| Group586 | +-Group586 | | | | |
| Group145 | ++Group145 | 473 | 452 | | |
| Group145 | | 473 | 452 | Group: Visibility Control | secmonpatch > 2 |
| Group144 | ++Group144 | 473 | 452 | | |
| Button30 | | 473 | 452 | Button Reset: "MAN" | TEMPCTL\z6\SelectLoopAutoMode |
| Button33 | | 505 | 452 | Button Set: "AUTO" | TEMPCTL\z6\SelectLoopAutoMode |
| Group144 | +-Group144 | | | | |
| Group145 | +-Group145 | | | | |
| Group402 | ++Group402 | 475 | 354 | | |
| Group363 | ++Group363 | 475 | 354 | | |
| Group362 | ++Group362 | 477 | 361 | | |
| NumericDisplay12 | | 477 | 361 | Numeric Display | TEMPCTL\z6\Output |
| Group362 | +-Group362 | | | | |
| Group363 | +-Group363 | | | | |
| Group398 | ++Group398 | 476 | 360 | | |
| Group398 | | 476 | 360 | Group: Visibility Control Group: Color Control | TEMPCTL\z6\LoopModeChanging TEMPCTL\z6\LoopModeChanging |
| StringDisplay24 | | 481 | 361 | String Display | if TEMPCTL\z6\LoopModeChanging then "WAIT" else "" |
| Group398 | +-Group398 | | | | |
| Group402 | +-Group402 | | | | |
| Group587 | ++Group587 | | | | |
| Group543 | ++Group543 | 472 | 125 | | |
| Group516 | ++Group516 | 477 | 129 | | |
| Group515 | ++Group515 | 482 | 129 | | |
| StringDisplay71 | | 482 | 129 | String Display | EXT\layout1\btm6_loop1_faceplate_line1 |
| StringDisplay72 | | 482 | 139 | String Display | EXT\layout1\btm6_loop1_faceplate_line2 |
| Group515 | +-Group515 | | | | |
| Group516 | +-Group516 | | | | |
| Group520 | ++Group520 | 472 | 239 | | |
| Group519 | ++Group519 | 472 | 249 | | |
| StringDisplay73 | | 522 | 250 | String Display | if TEMPCTL\z6to9TempUnits then "C" else "F" |
| NumericDisplay20 | | 472 | 250 | Numeric Display | TEMPCTL\z6\TEMPERATURE |
| Group519 | +-Group519 | | | | |
| Group520 | +-Group520 | | | | |
| Group523 | ++Group523 | 477 | 154 | | |
| Group523 | | 477 | 154 | Group: Color Control | TEMPCTL\z6\LoopEnabled |
| Group522 | ++Group522 | 477 | 154 | | |
| StringDisplay74 | | 490 | 154 | String Display | If TEMPCTL\z6\LoopEnabled then "ON" else "OFF" |
| Group522 | +-Group522 | | | | |
| Group523 | +-Group523 | | | | |
| Group534 | ++Group534 | 477 | 186 | | |
| Group534 | | 477 | 186 | Group: Color Control | If TEMPCTL\z6\SSR then 1 else if TEMPCTL\z6\Sv then 2 else if TEMPCTL\z6\HI_HI_ALM or TEMPCTL\z6\LO_LO_ALM then 3 else if TEMPCTL\z6\HI_ALM or TEMPCTL\z6\LO_ALM then 4 else if (TEMPCTL\z6\LOOPENABLED = 1) && (TEMPCTL\z6\temperature > TEMPCTL\z6\LO_ALM_LIMIT) AND (TEMPCTL\z6\temperature > TEMPCTL\z6\LO_ALM_LIMIT) then 5 else 6 |

| Object Name | Grouping | X | Y | Property | Expression |
|-----------------|-----------------|-----|-----|------------------------------------|---|
| StringDisplay75 | | 485 | 188 | String Display | If TEMPCTLz6\SSR then "HEATING" else if TEMPCTLz6\Sv then "COOLING" else if TEMPCTLz6\HI_HI_ALM then "HI-HI" else if TEMPCTLz6\LO_LO_ALM then "LO-LO" else if TEMPCTLz6\HI_ALM then "HI" else if TEMPCTLz6\LO_ALM then "LO" else if TEMPCTLz6\LoopEnabled and (TEMPCTLz6\LO_ALM_LIMIT < TEMPCTLz6\temperature) and (TEMPCTLz6\temperature < TEMPCTLz6\hi_ALM_LIMIT) then "RUNNING" else "" |
| Group534 | +-Group534 | | | | |
| Group539 | ++Group539 | 477 | 202 | | |
| Group539 | | 477 | 202 | Group: Color Control | if TEMPCTLz6\AUTOTUNE_TUNING then 0 else if TEMPCTLz6\AUTOTUNE_COMPLETE then 1 else 2 |
| Group538 | ++Group538 | 477 | 202 | | |
| Group537 | ++Group537 | 477 | 202 | | |
| Group537 | | 477 | 202 | Group: Color Control | if TEMPCTLz6\AUTOTUNE_TUNING then 0 else if TEMPCTLz6\AUTOTUNE_COMPLETE then 1 else 2 |
| Group537 | +-Group537 | | | | |
| Group538 | +-Group538 | | | | |
| StringDisplay76 | | 478 | 203 | String Display | if TEMPCTLz6\AUTOTUNE_TUNING then "TUNING" else if TEMPCTLz6\AUTOTUNE_COMPLETE then "COMPLETE" else "" |
| Group539 | +-Group539 | | | | |
| Group542 | ++Group542 | 477 | 218 | | |
| Group542 | | 477 | 218 | Group: Color Control | If TEMPCTLz6\AUTOTUNE_PASSED then 0 else if TEMPCTLz6\AUTOTUNE_COMPLETE then 1 else 2 If TEMPCTLz6\AUTOTUNE_PASSED then "PASSED" else if TEMPCTLz6\AUTOTUNE_COMPLETE then "FAILED" else "" |
| StringDisplay77 | | 482 | 219 | String Display | TEMPCTLz6\LoopAutoMode |
| Group542 | +-Group542 | | | | |
| Group229 | ++Group229 | 477 | 170 | | |
| Group229 | | 477 | 170 | Group: Color Control | TEMPCTLz6\LoopAutoMode |
| Group228 | ++Group228 | 477 | 170 | | |
| StringDisplay14 | | 482 | 170 | String Display | if TEMPCTLz6\LoopAutoMode then "AUTO" else "MANUAL" |
| Group228 | +-Group228 | | | | |
| Group229 | +-Group229 | | | | |
| Group543 | +-Group543 | | | | |
| Group225 | +Group225 | | | | |
| Group397 | ++Group397 | 536 | 125 | | |
| Group397 | | 536 | 125 | Group: Visibility Control | TEMPCTLz7\DisplayLoop |
| DieZoneBarrel | ++DieZoneBarrel | 537 | 281 | | |
| DieZoneBarrel | | 537 | 281 | Group: Touch Control: Press Action | Display MeltTempPopur /Q4 |
| Group265 | ++Group265 | 537 | 281 | | |
| Group265 | | 537 | 281 | Group: Color Control | If TEMPCTLz7\SSR then 1 else if TEMPCTLz7\Sv then 2 else if TEMPCTLz7\HI_HI_ALM or TEMPCTLz7\LO_LO_ALM then 3 else if TEMPCTLz7\HI_ALM or TEMPCTLz7\LO_ALM then 4 else if (TEMPCTLz7\LOOPENABLED and (TEMPCTLz7\LO_ALM_LIMIT < TEMPCTLz7\temperature) and (TEMPCTLz7\temperature < TEMPCTLz7\hi_ALM_LIMIT)) then 5 else 6 |
| Group265 | | | | Group: Visibility Control | TEMPCTLz7\LoopEnabled |
| Group265 | +-Group265 | | | | |
| DieZoneBarrel | ++DieZoneBarrel | | | | |
| Group598 | ++Group598 | 537 | 321 | | |
| Group591 | ++Group591 | 539 | 321 | | |
| Group590 | ++Group590 | 542 | 324 | | |
| Group589 | ++Group589 | 542 | 324 | | |
| NumericInput35 | | 542 | 324 | Numeric Input | TEMPCTLz7\RUN_SETPOINT |
| StringDisplay47 | | 587 | 325 | String Display | if TEMPCTLz6to9TempUnits then "C" else "F" |
| Group589 | +-Group589 | | | | |
| Group590 | +-Group590 | | | | |
| Group591 | +-Group591 | | | | |
| Group595 | ++Group595 | 539 | 387 | | |
| Group595 | | 539 | 387 | Group: Visibility Control | secmonpatch > 2 |

| Object Name | Grouping | X | Y | Property | Expression |
|------------------|------------|-----|-----|---|--|
| Group594 | ++Group594 | 542 | 392 | | |
| Group593 | ++Group593 | 542 | 392 | | |
| NumericInput36 | | 542 | 392 | Numeric Input | TEMPCTL\z7\manualoutput |
| Group593 | +-Group593 | | | | |
| Group594 | +-Group594 | | | | |
| Group595 | +-Group595 | | | | |
| Group597 | ++Group597 | 537 | 419 | | |
| Group596 | ++Group596 | 537 | 419 | | |
| Button55 | | 537 | 419 | Button Reset: "OFF" | TEMPCTL\z7\ENABLE_LOOP |
| Button56 | | 569 | 419 | Button Set: "ON" | TEMPCTL\z7\ENABLE_LOOP |
| Group596 | +-Group596 | | | | |
| Group597 | +-Group597 | | | | |
| Group183 | ++Group183 | 537 | 452 | | |
| Group183 | | 537 | 452 | Group: Visibility Control | secmonpatch > 2 |
| Group146 | ++Group146 | 537 | 452 | | |
| Button36 | | 537 | 452 | Button Reset: "MAN" | TEMPCTL\z7>SelectLoopAutoMode |
| Button37 | | 569 | 452 | Button Set: "AUTO" | TEMPCTL\z7>SelectLoopAutoMode |
| Group146 | +-Group146 | | | | |
| Group183 | +-Group183 | | | | |
| Group664 | ++Group664 | 539 | 354 | | |
| Group506 | ++Group506 | 539 | 354 | | |
| Group505 | ++Group505 | 541 | 361 | | |
| NumericDisplay13 | | 541 | 361 | Numeric Display | TEMPCTL\z7\Output |
| Group505 | +-Group505 | | | | |
| Group506 | +-Group506 | | | | |
| Group663 | ++Group663 | 540 | 360 | | |
| Group663 | | 540 | 360 | Group: Visibility Control Group: Color Control | TEMPCTL\z7\LoopModeChanging TEMPCTL\z7\LoopModeChanging |
| StringDisplay25 | | 545 | 361 | String Display | if TEMPCTL\z7\LoopModeChanging then "WAIT" else "" |
| Group663 | +-Group663 | | | | |
| Group664 | +-Group664 | | | | |
| Group598 | ++Group598 | | | | |
| Group564 | ++Group564 | 536 | 125 | | |
| Group546 | ++Group546 | 541 | 129 | | |
| Group545 | ++Group545 | 546 | 129 | | |
| StringDisplay78 | | 546 | 129 | String Display | EXT\layout1\btm6_loop2_faceplate_line1 |
| StringDisplay79 | | 546 | 139 | String Display | EXT\layout1\btm6_loop2_faceplate_line2 |
| Group545 | +-Group545 | | | | |
| Group546 | +-Group546 | | | | |
| Group550 | ++Group550 | 536 | 239 | | |
| Group549 | ++Group549 | 536 | 249 | | |
| StringDisplay80 | | 586 | 250 | String Display | if TEMPCTL\z6to9TempUnits then "C" else "F" |
| NumericDisplay21 | | 536 | 250 | Numeric Display | TEMPCTL\z7\TEMPERATURE |
| Group549 | +-Group549 | | | | |
| Group550 | +-Group550 | | | | |
| Group553 | ++Group553 | 541 | 154 | | |
| Group553 | | 541 | 154 | Group: Color Control | TEMPCTL\z7\LoopEnabled |
| Group552 | ++Group552 | 541 | 154 | | |
| StringDisplay81 | | 554 | 154 | String Display | If TEMPCTL\z7\LoopEnabled then "ON" else "OFF" |
| Group552 | +-Group552 | | | | |
| Group553 | +-Group553 | | | | |
| Group555 | ++Group555 | 541 | 186 | | |
| Group555 | | 541 | 186 | Group: Color Control | If TEMPCTL\z7\SSR then 1 else if TEMPCTL\z7\Sv then 2 else if TEMPCTL\z7\HI_HI_ALM or TEMPCTL\z7\LO_LO_ALM then 3 else if TEMPCTL\z7\HI_ALM or TEMPCTL\z7\LO_ALM then 4 else if (TEMPCTL\z7\LOOPENABLED = 1) && (TEMPCTL\z7\temperature > TEMPCTL\z7\LO_ALM_LIMIT) AND (TEMPCTL\z7\temperature > TEMPCTL\z7\LO_ALM_LIMIT) then 5 else 6 |
| StringDisplay82 | | 549 | 188 | String Display | If TEMPCTL\z7\SSR then "HEATING" else if TEMPCTL\z7\Sv then "COOLING" else if TEMPCTL\z7\HI_HI_ALM then "HI-HI" else if TEMPCTL\z7\LO_LO_ALM then "LO-LO" else if TEMPCTL\z7\HI_ALM then "HI" else if TEMPCTL\z7\LO_ALM then "LO" else if TEMPCTL\z7\LoopEnabled and (TEMPCTL\z7\LO_ALM_LIMIT < TEMPCTL\z7\temperature) and (TEMPCTL\z7\temperature < TEMPCTL\z7\hi_ALM_LIMIT) then "RUNNING" else "" |
| Group555 | +-Group555 | | | | |
| Group560 | ++Group560 | 541 | 202 | | |

| Object Name | Grouping | X | Y | Property | Expression |
|-----------------|------------|-----|-----|---------------------------|---|
| Group560 | | 541 | 202 | Group: Color Control | if TEMPCTL\z7\AUTOTUNE_TUNING then 0 else if TEMPCTL\z7\AUTOTUNE_COMPLETE then 1 else 2 |
| Group559 | ++Group559 | 541 | 202 | | |
| Group558 | ++Group558 | 541 | 202 | | |
| Group558 | | 541 | 202 | Group: Color Control | if TEMPCTL\z7\AUTOTUNE_TUNING then 0 else if TEMPCTL\z7\AUTOTUNE_COMPLETE then 1 else 2 |
| Group558 | +-Group558 | | | | |
| Group559 | +-Group559 | | | | |
| StringDisplay83 | | 542 | 203 | String Display | if TEMPCTL\z7\AUTOTUNE_TUNING then "TUNING" else if TEMPCTL\z7\AUTOTUNE_COMPLETE then "COMPLETE" else "" |
| Group560 | +-Group560 | | | | |
| Group563 | ++Group563 | 541 | 218 | | |
| Group563 | | 541 | 218 | Group: Color Control | If TEMPCTL\z7\AUTOTUNE_PASSED then 0 else if TEMPCTL\z7\AUTOTUNE_COMPLETE then 1 else 2 |
| StringDisplay84 | | 546 | 219 | String Display | If TEMPCTL\z7\AUTOTUNE_PASSED then "PASSED" else if TEMPCTL\z7\AUTOTUNE_COMPLETE then "FAILED" else "" |
| Group563 | +-Group563 | | | | |
| Group245 | ++Group245 | 541 | 170 | | |
| Group245 | | 541 | 170 | Group: Color Control | TEMPCTL\z7\LoopAutoMode |
| Group244 | ++Group244 | 541 | 170 | | |
| StringDisplay18 | | 546 | 170 | String Display | if TEMPCTL\z7\LoopAutoMode then "AUTO" else "MANUAL" |
| Group244 | +-Group244 | | | | |
| Group245 | +-Group245 | | | | |
| Group564 | +-Group564 | | | | |
| Group397 | ++Group397 | | | | |
| Group309 | ++Group309 | 600 | 125 | | |
| Group309 | | 600 | 125 | Group: Visibility Control | TEMPCTL\z8\DisplayLoop |
| Group308 | ++Group308 | 601 | 281 | | |
| Group307 | ++Group307 | 601 | 281 | | |
| Group307 | | 601 | 281 | Group: Color Control | If TEMPCTL\z8\SSR then 1 else if TEMPCTL\z8\Sv then 2 else if TEMPCTL\z8\HI_HI_ALM or TEMPCTL\z8\LO_LO_ALM then 3 else if TEMPCTL\z8\HI_ALM or TEMPCTL\z8\LO_ALM then 4 else if (TEMPCTL\z8\LOOPENABLED and (TEMPCTL\z8\LO_ALM_LIMIT < TEMPCTL\z8\temperature) and (TEMPCTL\z8\temperature < TEMPCTL\z8\hi_ALM_LIMIT)) then 5 else 6 |
| | | | | Group: Visibility Control | TEMPCTL\z8\LoopEnabled |
| Group307 | +-Group307 | | | | |
| Group308 | ++Group308 | | | | |
| Group609 | ++Group609 | 601 | 321 | | |
| Group602 | ++Group602 | 603 | 321 | | |
| Group601 | ++Group601 | 606 | 324 | | |
| Group600 | ++Group600 | 606 | 324 | | |
| NumericInput37 | | 606 | 324 | Numeric Input | TEMPCTL\z8\RUN_SETPOINT |
| StringDisplay48 | | 650 | 325 | String Display | if TEMPCTL\z6to9TempUnits then "C" else "F" |
| Group600 | +-Group600 | | | | |
| Group601 | +-Group601 | | | | |
| Group602 | +-Group602 | | | | |
| Group606 | ++Group606 | 603 | 387 | | |
| Group606 | | 603 | 387 | Group: Visibility Control | secmonpatch > 2 |
| Group605 | ++Group605 | 606 | 392 | | |
| Group604 | ++Group604 | 606 | 392 | | |
| NumericInput38 | | 606 | 392 | Numeric Input | TEMPCTL\z8>manualoutput |
| Group604 | +-Group604 | | | | |
| Group605 | +-Group605 | | | | |
| Group606 | +-Group606 | | | | |
| Group608 | ++Group608 | 601 | 419 | | |
| Group607 | ++Group607 | 601 | 419 | | |
| Button58 | | 601 | 419 | Button Reset: "OFF" | TEMPCTL\z8\ENABLE_LOOP |
| Button59 | | 632 | 419 | Button Set: "ON" | TEMPCTL\z8\ENABLE_LOOP |
| Group607 | +-Group607 | | | | |
| Group608 | +-Group608 | | | | |
| Group186 | ++Group186 | 601 | 452 | | |
| Group186 | | 601 | 452 | Group: Visibility Control | secmonpatch > 2 |
| Group185 | ++Group185 | 601 | 452 | | |
| Button38 | | 601 | 452 | Button Reset: "MAN" | TEMPCTL\z8>SelectLoopAutoMode |

| Object Name | Grouping | X | Y | Property | Expression |
|------------------|------------|-----|-----|---|--|
| Button39 | | 632 | 452 | Button Toggle: "AUTO" Button Toggle: "AUTO": Touch Control: Press Action | TEMPCTL\z8>SelectLoopAutoMode Toggle TEMPCTL\z8>SelectLoopAutoMode |
| Group185 | +-Group185 | | | | |
| Group186 | +-Group186 | | | | |
| Group678 | ++Group678 | 603 | 354 | | |
| Group674 | ++Group674 | 603 | 354 | | |
| Group673 | ++Group673 | 605 | 361 | | |
| NumericDisplay15 | | 605 | 361 | Numeric Display | TEMPCTL\z8\Output |
| Group673 | +-Group673 | | | | |
| Group674 | +-Group674 | | | | |
| Group677 | ++Group677 | 604 | 360 | | |
| Group677 | | 604 | 360 | Group: Visibility Control Group: Color Control | TEMPCTL\z8\LoopModeChanging TEMPCTL\z8\LoopModeChanging |
| StringDisplay31 | | 609 | 361 | String Display | if TEMPCTL\z8\LoopModeChanging then "WAIT" else "" |
| Group677 | +-Group677 | | | | |
| Group678 | +-Group678 | | | | |
| Group609 | ++Group609 | | | | |
| Group629 | ++Group629 | 600 | 125 | | |
| Group567 | ++Group567 | 605 | 129 | | |
| Group566 | ++Group566 | 610 | 129 | | |
| StringDisplay85 | | 610 | 129 | String Display | EXT\layout1\btm6_loop3_faceplate_line1 |
| StringDisplay86 | | 610 | 139 | String Display | EXT\layout1\btm6_loop3_faceplate_line2 |
| Group566 | +-Group566 | | | | |
| Group567 | +-Group567 | | | | |
| Group571 | ++Group571 | 600 | 239 | | |
| Group570 | ++Group570 | 600 | 249 | | |
| StringDisplay87 | | 650 | 250 | String Display | if TEMPCTL\z6to9TempUnits then "C" else "F" |
| NumericDisplay25 | | 600 | 250 | Numeric Display | TEMPCTL\z8\TEMPERATURE |
| Group570 | +-Group570 | | | | |
| Group571 | +-Group571 | | | | |
| Group574 | ++Group574 | 605 | 154 | | |
| Group574 | | 605 | 154 | Group: Color Control | TEMPCTL\z8\LoopEnabled |
| Group573 | ++Group573 | 605 | 154 | | |
| StringDisplay88 | | 618 | 154 | String Display | If TEMPCTL\z8\LoopEnabled then "ON" else "OFF" |
| Group573 | +-Group573 | | | | |
| Group574 | +-Group574 | | | | |
| Group576 | ++Group576 | 605 | 186 | | |
| Group576 | | 605 | 186 | Group: Color Control | If TEMPCTL\z8\SSR then 1 else if TEMPCTL\z8\Sv then 2 else if TEMPCTL\z8\HI_HI_ALM or TEMPCTL\z8\LO_LO_ALM then 3 else if TEMPCTL\z8\HI_ALM or TEMPCTL\z8\LO_ALM then 4 else if (TEMPCTL\z8\LOOPENABLED = 1) && (TEMPCTL\z8\temperature > TEMPCTL\z8\LO_ALM_LIMIT) AND (TEMPCTL\z8\temperature > TEMPCTL\z8\LO_ALM_LIMIT) then 5 else 6 |
| StringDisplay89 | | 613 | 188 | String Display | If TEMPCTL\z8\SSR then "HEATING" else if TEMPCTL\z8\Sv then "COOLING" else if TEMPCTL\z8\HI_HI_ALM then "HI-HI" else if TEMPCTL\z8\LO_LO_ALM then "LO-LO" else if TEMPCTL\z8\HI_ALM then "HI" else if TEMPCTL\z8\LO_ALM then "LO" else if TEMPCTL\z8\LoopEnabled and (TEMPCTL\z8\LO_ALM_LIMIT < TEMPCTL\z8\temperature) and (TEMPCTL\z8\temperature < TEMPCTL\z8\hi_ALM_LIMIT) then "RUNNING" else "" |
| Group576 | +-Group576 | | | | |
| Group625 | ++Group625 | 605 | 202 | | |
| Group625 | | 605 | 202 | Group: Color Control | if TEMPCTL\z8\AUTOTUNE_TUNING then 0 else if TEMPCTL\z8\AUTOTUNE_COMPLETE then 1 else 2 |
| Group624 | ++Group624 | 605 | 202 | | |
| Group623 | ++Group623 | 605 | 202 | | |
| Group623 | | 605 | 202 | Group: Color Control | if TEMPCTL\z8\AUTOTUNE_TUNING then 0 else if TEMPCTL\z8\AUTOTUNE_COMPLETE then 1 else 2 |
| Group623 | +-Group623 | | | | |
| Group624 | +-Group624 | | | | |

| Object Name | Grouping | X | Y | Property | Expression |
|------------------|--------------------|-----|-----|---|---|
| StringDisplay90 | | 606 | 203 | String Display | if TEMPCTL\z8\AUTOTUNE_TUNING then "TUNING" else if TEMPCTL\z8\AUTOTUNE_COMPLETE then "COMPLETE" else "" |
| Group625 | +-Group625 | | | | |
| Group628 | ++Group628 | 605 | 218 | | |
| Group628 | | 605 | 218 | Group: Color Control | If TEMPCTL\z8\AUTOTUNE_PASSED then 0 else if TEMPCTL\z8\AUTOTUNE_COMPLETE then 1 else 2 If TEMPCTL\z8\AUTOTUNE_PASSED then "PASSED" else if TEMPCTL\z8\AUTOTUNE_COMPLETE then "FAILED" else "" |
| StringDisplay91 | | 610 | 219 | String Display | |
| Group628 | +-Group628 | | | | |
| Group248 | ++Group248 | 605 | 170 | | |
| Group248 | | 605 | 170 | Group: Color Control | TEMPCTL\z8\LoopAutoMode |
| Group247 | ++Group247 | 605 | 170 | | |
| StringDisplay19 | | 610 | 170 | String Display | if TEMPCTL\z8\LoopAutoMode then "AUTO" else "MANUAL" |
| Group247 | +-Group247 | | | | |
| Group248 | +-Group248 | | | | |
| Group629 | +-Group629 | | | | |
| Group309 | +-Group309 | | | | |
| Group351 | ++Group351 | 664 | 125 | | |
| Group351 | | 664 | 125 | Group: Visibility Control | TEMPCTL\z9\DisplayLoop |
| MeltTempandPress | ++MeltTempandPress | 665 | 281 | | |
| Group349 | ++Group349 | 665 | 281 | | |
| Group349 | | 665 | 281 | Group: Color Control | If TEMPCTL\z9\SSR then 1 else if TEMPCTL\z9\Sv then 2 else if TEMPCTL\z9\HI_HI_ALM or TEMPCTL\z9\LO_LO_ALM then 3 else if TEMPCTL\z9\HI_ALM or TEMPCTL\z9\LO_ALM then 4 else if (TEMPCTL\z9\LOOPENABLED and (TEMPCTL\z9\LO_ALM_LIMIT < TEMPCTL\z9\temperature) and (TEMPCTL\z9\temperature < TEMPCTL\z9\hi_ALM_LIMIT)) then 5 else 6 |
| Group349 | | | | Group: Visibility Control | TEMPCTL\z9\LoopEnabled |
| MeltTempandPress | ++MeltTempandPress | | | | |
| Group620 | ++Group620 | 665 | 321 | | |
| Group613 | ++Group613 | 667 | 321 | | |
| Group612 | ++Group612 | 670 | 324 | | |
| Group611 | ++Group611 | 670 | 324 | | |
| NumericInput39 | | 670 | 324 | Numeric Input | TEMPCTL\z9\RUN_SETPOINT |
| StringDisplay49 | | 715 | 325 | String Display | if TEMPCTL\z6to9TempUnits then "C" else "F" |
| Group611 | +-Group611 | | | | |
| Group612 | +-Group612 | | | | |
| Group613 | +-Group613 | | | | |
| Group617 | ++Group617 | 666 | 387 | | |
| Group617 | | 666 | 387 | Group: Visibility Control | secmonpatch > 2 |
| Group616 | ++Group616 | 669 | 392 | | |
| Group615 | ++Group615 | 669 | 392 | | |
| NumericInput40 | | 669 | 392 | Numeric Input | TEMPCTL\z9>manualoutput |
| Group615 | +-Group615 | | | | |
| Group616 | +-Group616 | | | | |
| Group617 | +-Group617 | | | | |
| Group619 | ++Group619 | 665 | 419 | | |
| Group618 | ++Group618 | 665 | 419 | | |
| Button61 | | 665 | 419 | Button Reset: "OFF" | TEMPCTL\z9\ENABLE_LOOP |
| Button62 | | 697 | 419 | Button Set: "ON" | TEMPCTL\z9\ENABLE_LOOP |
| Group618 | +-Group618 | | | | |
| Group619 | +-Group619 | | | | |
| Group189 | ++Group189 | 665 | 452 | | |
| Group189 | | 665 | 452 | Group: Visibility Control | secmonpatch > 2 |
| Group188 | ++Group188 | 665 | 452 | | |
| Button40 | | 665 | 452 | Button Reset: "MAN" | TEMPCTL\z9>SelectLoopAutoMode |
| Button41 | | 697 | 452 | Button Set: "AUTO" | TEMPCTL\z9>SelectLoopAutoMode |
| Group188 | +-Group188 | | | | |
| Group189 | +-Group189 | | | | |
| Group671 | ++Group671 | 667 | 354 | | |
| Group667 | ++Group667 | 667 | 354 | | |
| Group666 | ++Group666 | 669 | 361 | | |
| NumericDisplay14 | | 669 | 361 | Numeric Display | TEMPCTL\z9\Output |
| Group666 | +-Group666 | | | | |
| Group667 | +-Group667 | | | | |
| Group670 | ++Group670 | 668 | 360 | | |
| Group670 | | 668 | 360 | Group: Visibility Control Group: Color Control | TEMPCTL\z9\LoopModeChanging TEMPCTL\z9\LoopModeChanging |

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|----------------------|--|
| StringDisplay30 | | 673 | 361 | String Display | if TEMPCTL\z9\LoopModeChanging then "WAIT" else "" |
| Group670 | +-Group670 | | | | |
| Group671 | +-Group671 | | | | |
| Group620 | +-Group620 | | | | |
| Group659 | ++Group659 | 664 | 125 | | |
| Group641 | ++Group641 | 669 | 129 | | |
| Group640 | ++Group640 | 674 | 129 | | |
| StringDisplay92 | | 674 | 129 | String Display | EXT\layout1\btm6_loop4_faceplate_line1 |
| StringDisplay93 | | 674 | 139 | String Display | EXT\layout1\btm6_loop4_faceplate_line2 |
| Group640 | +-Group640 | | | | |
| Group641 | +-Group641 | | | | |
| Group645 | ++Group645 | 664 | 239 | | |
| Group644 | ++Group644 | 664 | 249 | | |
| StringDisplay94 | | 714 | 250 | String Display | if TEMPCTL\z6to9TempUnits then "C" else "F" TEMPCTL\z9\TEMPERATURE |
| NumericDisplay26 | | 664 | 250 | Numeric Display | |
| Group644 | +-Group644 | | | | |
| Group645 | +-Group645 | | | | |
| Group648 | ++Group648 | 669 | 154 | | |
| Group648 | | 669 | 154 | Group: Color Control | TEMPCTL\z9\LoopEnabled |
| Group647 | ++Group647 | 669 | 154 | | |
| StringDisplay95 | | 682 | 154 | String Display | If TEMPCTL\z9\LoopEnabled then "ON" else "OFF" |
| Group647 | +-Group647 | | | | |
| Group648 | +-Group648 | | | | |
| Group650 | ++Group650 | 669 | 186 | | |
| Group650 | | 669 | 186 | Group: Color Control | If TEMPCTL\z9\SSR then 1 else if TEMPCTL\z9\Sv then 2 else if TEMPCTL\z9\HI_HI_ALM or TEMPCTL\z9\LO_LO_ALM then 3 else if TEMPCTL\z9\HI_ALM or TEMPCTL\z9\LO_ALM then 4 else if (TEMPCTL\z9\LOOPENABLED = 1) && (TEMPCTL\z9\temperature > TEMPCTL\z9\LO_ALM_LIMIT) AND (TEMPCTL\z9\temperature > TEMPCTL\z9\LO_ALM_LIMIT) then 5 else 6 |
| StringDisplay96 | | 677 | 188 | String Display | If TEMPCTL\z9\SSR then "HEATING" else if TEMPCTL\z9\Sv then "COOLING" else if TEMPCTL\z9\HI_HI_ALM then "HI-HI" else if TEMPCTL\z9\LO_LO_ALM then "LO-LO" else if TEMPCTL\z9\HI_ALM then "HI" else if TEMPCTL\z9\LO_ALM then "LO" else if TEMPCTL\z9\LoopEnabled and (TEMPCTL\z9\LO_ALM_LIMIT < TEMPCTL\z9\temperature) and (TEMPCTL\z9\temperature < TEMPCTL\z9\hi_ALM_LIMIT) then "RUNNING" else "" |
| Group650 | +-Group650 | | | | |
| Group655 | ++Group655 | 669 | 202 | | |
| Group655 | | 669 | 202 | Group: Color Control | if TEMPCTL\z9\AUTOTUNE_TUNING then 0 else if TEMPCTL\z9\AUTOTUNE_COMPLETE then 1 else 2 |
| Group654 | ++Group654 | 669 | 202 | | |
| Group653 | ++Group653 | 669 | 202 | | |
| Group653 | | 669 | 202 | Group: Color Control | if TEMPCTL\z9\AUTOTUNE_TUNING then 0 else if TEMPCTL\z9\AUTOTUNE_COMPLETE then 1 else 2 |
| Group653 | +-Group653 | | | | |
| Group654 | +-Group654 | | | | |
| StringDisplay97 | | 670 | 203 | String Display | if TEMPCTL\z9\AUTOTUNE_TUNING then "TUNING" else if TEMPCTL\z9\AUTOTUNE_COMPLETE then "COMPLETE" else "" |
| Group655 | +-Group655 | | | | |
| Group658 | ++Group658 | 669 | 218 | | |
| Group658 | | 669 | 218 | Group: Color Control | If TEMPCTL\z9\AUTOTUNE_PASSED then 0 else if TEMPCTL\z9\AUTOTUNE_COMPLETE then 1 else 2 If TEMPCTL\z9\AUTOTUNE_PASSED then "PASSED" else if TEMPCTL\z9\AUTOTUNE_COMPLETE then "FAILED" else "" |
| StringDisplay98 | | 674 | 219 | String Display | |
| Group658 | +-Group658 | | | | |
| Group270 | ++Group270 | 669 | 170 | | |

| Object Name | Grouping | X | Y | Property | Expression |
|----------------------|------------------------|-----|-----|---|---|
| Group270 | | 669 | 170 | Group: Color Control | if TEMPCTL\Z9\LoopAutoMode then 0 else 1 |
| Group268 | ++Group268 | 669 | 170 | | |
| StringDisplay20 | | 674 | 170 | String Display | if TEMPCTL\Z9\LoopAutoMode then "AUTO" else "MANUAL" |
| Group268 | +-Group268 | | | | |
| Group270 | +-Group270 | | | | |
| Group659 | +Group659 | | | | |
| Group351 | +Group351 | | | | |
| Group38 | ++Group38 | 472 | 481 | | |
| Group26 | ++Group26 | 472 | 481 | Group: Visibility Control | SETUP\Z6TO9 |
| Group26 | | 472 | 481 | Button Toggle: "SHOW ZONE" | TEMPCTL\Z6\DisplayLoop |
| Button23 | | | | Button Toggle: "SHOW ZONE": Touch Control: Press Action | Toggle TEMPCTL\Z6\DisplayLoop |
| Button24 | | 536 | 481 | Button Toggle: "SHOW ZONE" | TEMPCTL\Z7\DisplayLoop |
| | | | | Button Toggle: "SHOW ZONE": Touch Control: Press Action | Toggle TEMPCTL\Z7\DisplayLoop |
| Button25 | | 600 | 481 | Button Toggle: "SHOW ZONE" | TEMPCTL\Z8\DisplayLoop |
| | | | | Button Toggle: "SHOW ZONE": Touch Control: Press Action | Toggle TEMPCTL\Z8\DisplayLoop |
| Button26 | | 664 | 481 | Button Toggle: "SHOW ZONE" | TEMPCTL\Z9\DisplayLoop |
| | | | | Button Toggle: "SHOW ZONE": Touch Control: Press Action | Toggle TEMPCTL\Z9\DisplayLoop |
| Group26 | +Group26 | | | | |
| Group38 | +Group38 | | | | |
| Group352 | +Group352 | | | | |
| Group192 | ++Group192 | 118 | 507 | | |
| AuxControlIndicators | ++AuxControlIndicators | 118 | 507 | | |
| AuxControlIndicators | | 118 | 507 | Group: Visibility Control | SETUP\BLOWER OR SETUP\LUBE_MTR OR SETUP\VACUUM_MTR OR SETUP\TCU_BCU_MTR Display AuxControl |
| LubePumpInd | ++LubePumpInd | 279 | 507 | Group: Touch Control: Release Action | |
| LubePumpInd | | 279 | 507 | Group: Visibility Control | SETUP\LUBE_MTR |
| Group45 | ++Group45 | 288 | 530 | | |
| Rectangle | | 288 | 530 | Rectangle: Color Control | if LUBE\LOW_PRESS Or LUBE\SYS_FILTER OR LUBE\OIL_TEMP_HIGH then 2 else If LUBE\RUNNING Then 3 Else If LUBE\TRIPPED then 1 Else 0 |
| Group103 | ++Group103 | 304 | 532 | | |
| StringDisplay8 | | 304 | 542 | String Display | If LUBE\LOW_PRESS Then "LOW PRESSURE" Else If LUBE\SYS_FILTER Then "DIRTY FILTER" Else if LUBE\OIL_TEMP_HIGH then " HIGH TEMP" Else "" If LUBE\RUNNING Then "RUNNING" Else If LUBE\TRIPPED Then "PUMP TRIPPED" else "" |
| StringDisplay9 | | 304 | 532 | String Display | |
| Group103 | +-Group103 | | | | |
| Group45 | +-Group45 | | | | |
| LubePumpInd | +LubePumpInd | | | | |
| VacuumPumpInd | ++VacuumPumpInd | 118 | 558 | | |
| VacuumPumpInd | | 118 | 558 | Group: Visibility Control | SETUP\VACUUM_MTR |
| Group168 | ++Group168 | 126 | 580 | | |
| Rectangle | | 126 | 580 | Rectangle: Color Control | If VAC\RUNNING Then 0 Else If VAC\TRIPPED Then 1 Else 2 If VAC\RUNNING Then "RUNNING" Else If VAC\TRIPPED Then "PUMP TRIPPED" Else "" |
| StringDisplay12 | | 142 | 582 | String Display | |
| Group168 | +-Group168 | | | | |
| VacuumPumpInd | +VacuumPumpInd | | | | |
| BlowerInd | ++BlowerInd | 118 | 507 | | |
| BlowerInd | | 118 | 507 | Group: Visibility Control | SETUP\BLOWER |
| Group227 | ++Group227 | 126 | 530 | | |
| Rectangle | | 126 | 530 | Rectangle: Color Control | If BLWR\LOW_PRESS Then 2 Else If BLWR\RUNNING Then 0 Else If BLWR\TRIPPED Then 1 Else 3 If BLWR\RUNNING Then "RUNNING" Else If BLWR\TRIPPED Then "BLOWER TRIPPED" Else "" If BLWR\LOW_PRESS Then "LOW PRESSURE" Else "" |
| StringDisplay26 | | 142 | 531 | String Display | |
| StringDisplay27 | | 142 | 542 | String Display | |
| Group227 | +-Group227 | | | | |
| BlowerInd | +BlowerInd | | | | |
| TCUInd | ++TCUInd | 440 | 507 | | |
| TCUInd | | 440 | 507 | Group: Visibility Control | SETUP\TCU_BCU_MTR |
| Group99 | ++Group99 | 448 | 530 | | |

| Object Name | Grouping | X | Y | Property | Expression |
|----------------------|------------------------|-----|-----|--|--|
| Rectangle | | 448 | 530 | Rectangle: Color Control | if TCU\LOW_PRESS then 2 else If TCU\RUNNING then 0 else if TCU\TRIPPED or STATUS\TEMP\BCU_TCU_TMP_ALM or TCU\LowLevel then 1 Else 3 |
| StringDisplay35 | | 463 | 532 | String Display | If TCU\RUNNING Then "RUNNING" Else If TCU\TRIPPED Then "TCU TRIPPED" Else "" |
| StringDisplay39 | | 463 | 542 | String Display | If TCU\LOW_PRESS Then "LOW PRESSURE" else if STATUS\TEMP\BCU_TCU_TMP_ALM then "HI TEMPERATURE" else if TCU\LowLevel then "LOW LEVEL" else "" |
| Group99 | +-Group99 | | | | |
| TCUInd | +-TCUInd | | | | |
| AuxControlIndicators | +-AuxControlIndicators | | | | |
| SideFeederIndicators | ++SideFeederIndicators | 279 | 558 | | |
| SideFeederIndicators | | 279 | 558 | Group: Visibility Control | SETUP\ZSFE OR SETUP\ZSFE2 |
| | | | | Group: Touch Control: Release Action | Display Side Feeders |
| SideFeeder1Ind | ++SideFeeder1Ind | 279 | 558 | | |
| SideFeeder1Ind | | 279 | 558 | Group: Visibility Control | SETUP\ZSFE |
| Group18 | ++Group18 | 279 | 558 | | |
| Group632 | ++Group632 | 301 | 579 | | |
| Rectangle | | 301 | 579 | Rectangle: Color Control | If SIDEFDR\RUNNING Then 0 Else If (SIDEFDR\AGIT_FLT Or SIDEFDR\DRV_FLT) Then 1 Else 2 |
| StringDisplay50 | | 303 | 581 | String Display | If SIDEFDR\RUNNING Then "RUNNING" Else If SIDEFDR\DRV_FLT Then "DRIVE FAULT" Else If SIDEFDR\AGIT_FLT Then "AGITATOR FAULT" Else "" |
| Group632 | +-Group632 | | | | |
| Group18 | +-Group18 | | | | |
| SideFeeder1Ind | +-SideFeeder1Ind | | | | |
| SideFeeder2Ind | ++SideFeeder2Ind | 440 | 558 | | |
| SideFeeder2Ind | | 440 | 558 | Group: Visibility Control | SETUP\ZSFE2 |
| Group637 | ++Group637 | 440 | 558 | | |
| Group636 | ++Group636 | 462 | 579 | | |
| Rectangle | | 462 | 579 | Rectangle: Color Control | If SIDEFDR\RUNNING Then 0 Else If (SIDEFDR\AGIT_FLT Or SIDEFDR\DRV_FLT) Then 1 Else 2 |
| StringDisplay51 | | 464 | 581 | String Display | If SIDEFDR2\RUNNING Then "RUNNING" Else If SIDEFDR2\DRV_FLT Then "DRIVE FAULT" Else If SIDEFDR2\AGIT_FLT Then "AGIT. FAULT" Else "" |
| Group636 | +-Group636 | | | | |
| Group637 | +-Group637 | | | | |
| SideFeeder2Ind | +-SideFeeder2Ind | | | | |
| SideFeederIndicators | +-SideFeederIndicators | | | | |
| Group192 | + -Group192 | | | | |
| Button5 | | 677 | 539 | Button: "SYSTEM STATUS": Touch Control: Release Action | display System Status Index |
| Button17 | | 738 | 539 | Button: "TEMP CONTROL": Touch Control: Release Action | Display TempControlMenu |
| Button4 | | 738 | 477 | Button: "MAIN CONTROL": Touch Control: Release Action | Display MainControl |
| | | | | Button: "MAIN CONTROL": Visibility Control | secmonpatch > 1 |
| Button6 | | 615 | 540 | Button: "MAIN MENU": Touch Control: Release Action | set initest 0; set initest 1; display mainmenu |
| Button12 | | 10 | 467 | Button Momentary On: "ALARM SILENCE " Button Momentary On: "ALARM SILENCE ": Visibility Control Button Momentary On: "ALARM SILENCE ": Color Control | ALM_SILENCE SecMon\Word > 65533 ALM_SILENCE |
| Group482 | ++Group482 | 738 | 416 | | |
| Group482 | | 738 | 416 | Group: Visibility Control | secmonpatch > 1 |
| Button1 | | 738 | 416 | Button: "AUX CONTROL": Touch Control: Release Action | Display AuxControl |
| Button16 | | 738 | 416 | Button: "AUX SYSTEMS": Visibility Control Button: "AUX SYSTEMS": Touch Control: Release Action | (SETUP\ZSFE) or setup\zsf2 AND (secmonpatch > 1) Display Aux Systems Index |
| Group482 | + -Group482 | | | | |
| Group162 | ++Group162 | 6 | 266 | | |
| Group148 | ++Group148 | 84 | 277 | | |
| Polygon | | 100 | 282 | Polygon: Rotation Control | system\second |

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|---------------------------|--|
| Group148 | +-Group148 | | | | |
| Group162 | + -Group162 | | | | |
| Group531 | ++Group531 | 734 | 318 | | |
| Group530 | ++Group530 | 734 | 356 | | |
| NumericDisplay4 | | 734 | 365 | Numeric Display | STATUS\TEMP\MELT_TEMPERATURE |
| StringDisplay33 | | 784 | 365 | String Display | if Status\Temp\MeltTempUnitsStatus then "F" else "C" |
| Group530 | +-Group530 | | | | |
| Group531 | + -Group531 | | | | |
| Group182 | ++Group182 | 216 | 125 | | |
| Group97 | ++Group97 | 216 | 125 | | |
| Group97 | | 216 | 125 | Group: Visibility Control | TEMPCTL\Z2\DisplayLoop |
| Group356 | ++Group356 | 216 | 125 | | |
| Group353 | ++Group353 | 221 | 129 | | |
| Group70 | ++Group70 | 226 | 129 | | |
| StringDisplay5 | | 226 | 129 | String Display | EXT\layout1\btm5_loop1_faceplate_line1 |
| StringDisplay6 | | 226 | 139 | String Display | EXT\layout1\btm5_loop1_faceplate_line2 |
| Group70 | +-Group70 | | | | |
| Group353 | +-Group353 | | | | |
| Group355 | ++Group355 | 216 | 239 | | |
| Group41 | ++Group41 | 216 | 249 | | |
| StringDisplay15 | | 266 | 250 | String Display | if TEMPCTL\Z2to5TempUnits then "C" else "F" |
| NumericDisplay11 | | 216 | 250 | Numeric Display | TEMPCTL\Z2\TEMPERATURE |
| Group41 | +-Group41 | | | | |
| Group355 | +-Group355 | | | | |
| Group43 | ++Group43 | 221 | 154 | | |
| Group43 | | 221 | 154 | Group: Color Control | TEMPCTL\Z2\LOOPENABLED |
| Group46 | ++Group46 | 221 | 154 | | |
| StringDisplay34 | | 234 | 154 | String Display | If TEMPCTL\Z2\LoopEnabled then "ON" else "OFF" |
| Group46 | +-Group46 | | | | |
| Group43 | +-Group43 | | | | |
| Group35 | ++Group35 | 221 | 186 | | |
| Group35 | | 221 | 186 | Group: Color Control | If TEMPCTL\Z2\SSR then 1 else if TEMPCTL\Z2\Sv then 2 else if TEMPCTL\Z2\HI_HI_ALM or TEMPCTL\Z2\LO_LO_ALM then 3 else if TEMPCTL\Z2\HI_ALM or TEMPCTL\Z2\LO_ALM then 4 else if (TEMPCTL\Z2\LOOPENABLED = 1) && (TEMPCTL\Z2\temperature > TEMPCTL\Z2\LO_ALM_LIMIT) AND (TEMPCTL\Z2\temperature > TEMPCTL\Z2\LO_ALM_LIMIT) then 5 else 6 |
| StringDisplay4 | | 229 | 188 | String Display | If TEMPCTL\Z2\SSR then "HEATING" else if TEMPCTL\Z2\Sv then "COOLING" else if TEMPCTL\Z2\HI_HI_ALM then "HI-HI" else if TEMPCTL\Z2\LO_LO_ALM then "LO-LO" else if TEMPCTL\Z2\HI_ALM then "HI" else if TEMPCTL\Z2\LO_ALM then "LO" else if TEMPCTL\Z2\LOOPENABLED and (TEMPCTL\Z2\LO_ALM_LIMIT < TEMPCTL\Z2\temperature) and (TEMPCTL\Z2\temperature < TEMPCTL\Z2\hi_ALM_LIMIT) then "RUNNING" else "" |
| Group35 | +-Group35 | | | | |
| Group50 | ++Group50 | 221 | 202 | | |
| Group50 | | 221 | 202 | Group: Color Control | if TEMPCTL\Z2\AUTOTUNE_TUNING then 0 else if TEMPCTL\Z2\AUTOTUNE_COMPLETE then 1 else 2 |
| Group47 | ++Group47 | 221 | 202 | | |
| Group116 | ++Group116 | 221 | 202 | | |
| Group116 | | 221 | 202 | Group: Color Control | if TEMPCTL\Z2\AUTOTUNE_TUNING then 0 else if TEMPCTL\Z2\AUTOTUNE_COMPLETE then 1 else 2 |
| Group116 | +-Group116 | | | | |
| Group47 | +-Group47 | | | | |
| StringDisplay11 | | 222 | 203 | String Display | if TEMPCTL\Z2\AUTOTUNE_TUNING then "TUNING" else if TEMPCTL\Z2\AUTOTUNE_COMPLETE then "COMPLETE" else "" |
| Group50 | +-Group50 | | | | |
| Group193 | ++Group193 | 221 | 218 | | |
| Group193 | | 221 | 218 | Group: Color Control | If TEMPCTL\Z2\AUTOTUNE_PASSED then 0 else if TEMPCTL\Z2\AUTOTUNE_COMPLETE then 1 else 2 |

| Object Name | Grouping | X | Y | Property | Expression |
|-----------------|------------|-----|-----|---|---|
| StringDisplay29 | | 226 | 219 | String Display | If TEMPCTL\Z2\AUTOTUNE_PASSED then "PASSED" else if TEMPCTL\Z2\AUTOTUNE_COMPLETE then "FAILED" else "" |
| Group193 | +-Group193 | | | | |
| Group199 | ++Group199 | 221 | 170 | | |
| Group199 | | 221 | 170 | Group: Color Control | TEMPCTL\Z2\LoopAutoMode |
| Group197 | ++Group197 | 221 | 170 | | |
| StringDisplay7 | | 226 | 170 | String Display | if TEMPCTL\Z2\LoopAutoMode then "AUTO" else "MANUAL" |
| Group197 | +-Group197 | | | | |
| Group199 | +-Group199 | | | | |
| Group356 | +-Group356 | | | | |
| Group380 | ++Group380 | 217 | 281 | | |
| Group379 | ++Group379 | 217 | 281 | | |
| Group379 | | 217 | 281 | Group: Color Control | If TEMPCTL\Z2\SSR then 1 else if TEMPCTL\Z2\Sv then 2 else if TEMPCTL\Z2\HI_HI_ALM or TEMPCTL\Z2\LO_LO_ALM then 3 else if TEMPCTL\Z2\HI_ALM or TEMPCTL\Z2\LO_ALM then 4 else if (TEMPCTL\Z2\LOOPENABLED and (TEMPCTL\Z2\LO_ALM_LIMIT < TEMPCTL\Z2\temperature) and (TEMPCTL\Z2\temperature < TEMPCTL\Z2\hi_ALM_LIMIT)) then 5 else 6 |
| | | | | Group: Visibility Control | TEMPCTL\Z2\LoopEnabled |
| Group379 | +-Group379 | | | | |
| Group380 | ++Group380 | | | | |
| Group661 | ++Group661 | 217 | 321 | | |
| Group511 | ++Group511 | 219 | 321 | | |
| Group510 | ++Group510 | 222 | 324 | | |
| Group509 | ++Group509 | 222 | 324 | | |
| NumericInput24 | | 222 | 324 | Numeric Input | TEMPCTL\Z2\RUN_SETPOINT |
| StringDisplay41 | | 266 | 325 | String Display | if TEMPCTL\Z2to5TempUnits then "C" else "F" |
| Group509 | +-Group509 | | | | |
| Group510 | +-Group510 | | | | |
| Group511 | +-Group511 | | | | |
| Group34 | ++Group34 | 219 | 387 | | |
| Group34 | | 219 | 387 | Group: Visibility Control | secmonpatch > 2 |
| NumericInput2 | | 222 | 392 | Numeric Input | TEMPCTL\Z2\ManualOutput |
| Group34 | +-Group34 | | | | |
| Group109 | ++Group109 | 217 | 419 | | |
| Group108 | ++Group108 | 217 | 419 | | |
| Button8 | | 217 | 419 | Button Reset: "OFF" | TEMPCTL\Z2\ENABLE_LOOP |
| Button9 | | 249 | 419 | Button Set: "ON" | TEMPCTL\Z2\ENABLE_LOOP |
| Group108 | +-Group108 | | | | |
| Group109 | +-Group109 | | | | |
| Group118 | ++Group118 | 217 | 452 | | |
| Group118 | | 217 | 452 | Group: Visibility Control | secmonpatch > 2 |
| Group117 | ++Group117 | 217 | 452 | | |
| Button10 | | 217 | 452 | Button Reset: "MAN" | TEMPCTL\Z2\SelectLoopAutoMode |
| Button11 | | 249 | 452 | Button Set: "AUTO" | TEMPCTL\Z2\SelectLoopAutoMode |
| Group117 | +-Group117 | | | | |
| Group118 | +-Group118 | | | | |
| Group90 | ++Group90 | 219 | 354 | | |
| Group507 | ++Group507 | 219 | 354 | | |
| Group63 | ++Group63 | 221 | 361 | | |
| NumericDisplay6 | | 221 | 361 | Numeric Display | TEMPCTL\Z2\Output |
| Group63 | +-Group63 | | | | |
| Group507 | +-Group507 | | | | |
| Group89 | ++Group89 | 220 | 360 | | |
| Group89 | | 220 | 360 | Group: Visibility Control Group: Color Control | TEMPCTL\Z2\LoopModeChanging TEMPCTL\Z2\LoopModeChanging |
| StringDisplay17 | | 225 | 361 | String Display | if TEMPCTL\Z2\LoopModeChanging then "WAIT" else "" |
| Group89 | +-Group89 | | | | |
| Group90 | +-Group90 | | | | |
| Group661 | +Group661 | | | | |
| Group97 | +Group97 | | | | |
| Group88 | ++Group88 | 280 | 125 | | |
| Group88 | | 280 | 125 | Group: Visibility Control | TEMPCTL\z3\DisplayLoop |
| Group87 | ++Group87 | 281 | 281 | | |
| Group86 | ++Group86 | 281 | 281 | | |

| Object Name | Grouping | X | Y | Property | Expression |
|------------------|------------|-----|-----|---|--|
| Group86 | | 281 | 281 | Group: Color Control | If TEMPCTL\z3\SSR then 1 else if TEMPCTL\z3\Sv then 2 else if TEMPCTL\z3\HI_HI_ALM or TEMPCTL\z3\LO_LO_ALM then 3 else if TEMPCTL\z3\HI_ALM or TEMPCTL\z3\LO_ALM then 4 else if (TEMPCTL\z3\LOOPENABLED and (TEMPCTL\z3\LO_ALM_LIMIT < TEMPCTL\z3\temperature) and (TEMPCTL\z3\temperature < TEMPCTL\z3\hi_ALM_LIMIT)) then 5 else 6 |
| Group86 | | | | Group: Visibility Control | TEMPCTL\z3\LoopEnabled |
| Group86 | +-Group86 | | | | |
| Group87 | +-Group87 | | | | |
| Group369 | ++Group369 | 281 | 321 | | |
| Group360 | ++Group360 | 281 | 419 | | |
| Group359 | ++Group359 | 281 | 419 | | |
| Button34 | | 281 | 419 | Button Reset: "OFF" | TEMPCTL\Z3\ENABLE_LOOP |
| Button35 | | 313 | 419 | Button Set: "ON" | TEMPCTL\Z3\ENABLE_LOOP |
| Group359 | +-Group359 | | | | |
| Group360 | +-Group360 | | | | |
| Group368 | ++Group368 | 283 | 321 | | |
| Group367 | ++Group367 | 286 | 324 | | |
| Group366 | ++Group366 | 286 | 324 | | |
| NumericInput22 | | 286 | 324 | Numeric Input | TEMPCTL\Z3\RUN_SETPOINT |
| StringDisplay38 | | 331 | 325 | String Display | if TEMPCTL\Z2to5TempUnits then "C" else "F" |
| Group366 | +-Group366 | | | | |
| Group367 | +-Group367 | | | | |
| Group368 | +-Group368 | | | | |
| Group120 | ++Group120 | 281 | 452 | | |
| Group119 | ++Group119 | 281 | 452 | | |
| Group119 | | 281 | 452 | Group: Visibility Control | secmonpatch > 2 |
| Button13 | | 281 | 452 | Button Reset: "MAN" | TEMPCTL\Z3>SelectLoopAutoMode |
| Button14 | | 313 | 452 | Button Set: "AUTO" | TEMPCTL\Z3>SelectLoopAutoMode |
| Group119 | +-Group119 | | | | |
| Group120 | +-Group120 | | | | |
| Group98 | ++Group98 | 283 | 354 | | |
| Group93 | ++Group93 | 283 | 354 | | |
| Group92 | ++Group92 | 285 | 361 | | |
| NumericDisplay7 | | 285 | 361 | Numeric Display | TEMPCTL\z3\Output |
| Group92 | +-Group92 | | | | |
| Group93 | +-Group93 | | | | |
| Group96 | ++Group96 | 284 | 360 | | |
| Group96 | | 284 | 360 | Group: Color Control Group: Visibility Control | TEMPCTL\Z3\LoopModeChanging TEMPCTL\Z3\LoopModeChanging |
| StringDisplay21 | | 289 | 361 | String Display | if TEMPCTL\Z3\LoopModeChanging then "WAIT" else "" |
| Group96 | +-Group96 | | | | |
| Group98 | +-Group98 | | | | |
| Group101 | ++Group101 | 283 | 387 | | |
| Group101 | | 283 | 387 | Group: Visibility Control | secmonpatch > 2 |
| NumericInput3 | | 286 | 392 | Numeric Input | TEMPCTL\z3\ManualOutput |
| Group101 | +-Group101 | | | | |
| Group369 | ++Group369 | | | | |
| Group382 | ++Group382 | 280 | 125 | | |
| Group276 | ++Group276 | 285 | 129 | | |
| Group275 | ++Group275 | 290 | 129 | | |
| StringDisplay44 | | 290 | 129 | String Display | EXT\layout1\btm5_loop2_faceplate_line1 |
| StringDisplay45 | | 290 | 139 | String Display | EXT\layout1\btm5_loop2_faceplate_line2 |
| Group275 | +-Group275 | | | | |
| Group276 | +-Group276 | | | | |
| Group280 | ++Group280 | 280 | 239 | | |
| Group279 | ++Group279 | 280 | 249 | | |
| StringDisplay52 | | 330 | 250 | String Display | if TEMPCTL\Z2to5TempUnits then "C" else "F" |
| NumericDisplay16 | | 280 | 250 | Numeric Display | TEMPCTL\z3\TEMPERATURE |
| Group279 | +-Group279 | | | | |
| Group280 | +-Group280 | | | | |
| Group283 | ++Group283 | 285 | 154 | | |
| Group283 | | 285 | 154 | Group: Color Control | TEMPCTL\z3\LoopEnabled |
| Group282 | ++Group282 | 285 | 154 | | |
| StringDisplay53 | | 298 | 154 | String Display | If TEMPCTL\z3\LoopEnabled then "ON" else "OFF" |
| Group282 | +-Group282 | | | | |
| Group283 | +-Group283 | | | | |
| Group285 | ++Group285 | 285 | 186 | | |

| Object Name | Grouping | X | Y | Property | Expression |
|---|---|---------------------------------|---------------------------------|---|--|
| Group285 | | 285 | 186 | Group: Color Control | If TEMPCTL\z3\SSR then 1 else if TEMPCTL\z3\Sv then 2 else if TEMPCTL\z3\HI_HI_ALM or TEMPCTL\z3\LO_LO_ALM then 3 else if TEMPCTL\z3\HI_ALM or TEMPCTL\z3\LO_ALM then 4 else if (TEMPCTL\z3\LOOPENABLED = 1) && (TEMPCTL\z3\temperature > TEMPCTL\z3\LO_ALM_LIMIT) AND (TEMPCTL\z3\temperature > TEMPCTL\z3\LO_ALM_LIMIT) then 5 else 6 |
| StringDisplay54 | | 293 | 188 | String Display | If TEMPCTL\z3\SSR then "HEATING" else if TEMPCTL\z3\Sv then "COOLING" else if TEMPCTL\z3\HI_HI_ALM then "HI-HI" else if TEMPCTL\z3\LO_LO_ALM then "LO-LO" else if TEMPCTL\z3\HI_ALM then "HI" else if TEMPCTL\z3\LO_ALM then "LO" else if TEMPCTL\z3\LoopEnabled and (TEMPCTL\z3\LO_ALM_LIMIT < TEMPCTL\z3\temperature) and (TEMPCTL\z3\temperature < TEMPCTL\z3\hi_ALM_LIMIT) then "RUNNING" else "" |
| Group285 Group290 Group290 | +-Group285 ++Group290 | 285 285 | 202 202 | Group: Color Control | if TEMPCTL\z3\AUTOTUNE_TUNING then 0 else if TEMPCTL\z3\AUTOTUNE_COMPLETE then 1 else 2 |
| Group289 Group288 Group288 | ++Group289 ++Group288 | 285 285 285 | 202 202 202 | Group: Color Control | if TEMPCTL\z3\AUTOTUNE_TUNING then 0 else if TEMPCTL\z3\AUTOTUNE_COMPLETE then 1 else 2 |
| Group288 Group289 StringDisplay55 | +-Group288 +-Group289 | | 203 | String Display | if TEMPCTL\z3\AUTOTUNE_TUNING then "TUNING" else if TEMPCTL\z3\AUTOTUNE_COMPLETE then "COMPLETE" else "" |
| Group290 Group381 Group381 | +-Group290 ++Group381 | 285 285 | 218 218 | Group: Color Control | If TEMPCTL\z3\AUTOTUNE_PASSED then 0 else if TEMPCTL\z3\AUTOTUNE_COMPLETE then 1 else 2 |
| StringDisplay56 | | 290 | 219 | String Display | If TEMPCTL\z3\AUTOTUNE_PASSED then "PASSED" else if TEMPCTL\z3\AUTOTUNE_COMPLETE then "FAILED" else "" |
| Group381 Group382 Group202 Group202 Group201 StringDisplay10 | +-Group381 +-Group382 ++Group202 ++Group201 | 285 285 285 290 | 170 170 170 170 | Group: Color Control String Display | TEMPCTL\Z3\LoopAutoMode if TEMPCTL\Z3\LoopAutoMode then "AUTO" else "MANUAL" |
| Group201 Group202 Group88 Group139 Group139 Group138 Group137 Group137 | +-Group201 +-Group202 +-Group88 ++Group139 ++Group138 ++Group137 | 344 344 345 345 345 | 125 125 281 281 281 | Group: Visibility Control Group: Color Control | TEMPCTL\Z4\DisplayLoop If TEMPCTL\z4\SSR then 1 else if TEMPCTL\z4\Sv then 2 else if TEMPCTL\z4\HI_HI_ALM or TEMPCTL\z4\LO_LO_ALM then 3 else if TEMPCTL\z4\HI_ALM or TEMPCTL\z4\LO_ALM then 4 else if (TEMPCTL\z4\LOOPENABLED and (TEMPCTL\z4\LO_ALM_LIMIT < TEMPCTL\z4\temperature) and (TEMPCTL\z4\temperature < TEMPCTL\z4\hi_ALM_LIMIT)) then 5 else 6 |
| | | | | Group: Visibility Control | TEMPCTL\z4\LoopEnabled |

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|---|--|
| Group137 | +-Group137 | | | | |
| Group138 | +-Group138 | | | | |
| Group660 | ++Group660 | 345 | 321 | | |
| Group328 | ++Group328 | 347 | 321 | | |
| Group327 | ++Group327 | 350 | 324 | | |
| Group326 | ++Group326 | 350 | 324 | | |
| NumericInput19 | | 350 | 324 | Numeric Input | TEMPCTL\z4\RUN_SETPOINT |
| StringDisplay37 | | 395 | 325 | String Display | if TEMPCTL\z2to5TempUnits then "C" else "F" |
| Group326 | +-Group326 | | | | |
| Group327 | +-Group327 | | | | |
| Group328 | +-Group328 | | | | |
| Group332 | ++Group332 | 347 | 387 | | |
| Group332 | | 347 | 387 | Group: Visibility Control | secmonpatch > 2 |
| Group331 | ++Group331 | 350 | 392 | | |
| Group330 | ++Group330 | 350 | 392 | | |
| NumericInput20 | | 350 | 392 | Numeric Input | TEMPCTL\z4\ManualOutput |
| Group330 | +-Group330 | | | | |
| Group331 | +-Group331 | | | | |
| Group332 | +-Group332 | | | | |
| Group357 | ++Group357 | 345 | 419 | | |
| Button31 | | 345 | 419 | Button Reset: "OFF" | TEMPCTL\z4\ENABLE_LOOP |
| Button32 | | 377 | 419 | Button Set: "ON" | TEMPCTL\z4\ENABLE_LOOP |
| Group357 | +-Group357 | | | | |
| Group140 | ++Group140 | 346 | 452 | | |
| Group140 | | 346 | 452 | Group: Visibility Control | secmonpatch > 2 |
| Button20 | | 346 | 452 | Button Reset: "MAN" | TEMPCTL\z4\SelectLoopAutoMode |
| Button21 | | 378 | 452 | Button Set: "AUTO" | TEMPCTL\z4\SelectLoopAutoMode |
| Group140 | +-Group140 | | | | |
| Group271 | ++Group271 | 347 | 354 | | |
| Group237 | ++Group237 | 347 | 354 | | |
| Group107 | ++Group107 | 349 | 361 | | |
| NumericDisplay9 | | 349 | 361 | Numeric Display | TEMPCTL\z4\Output |
| Group107 | +-Group107 | | | | |
| Group237 | +-Group237 | | | | |
| Group242 | ++Group242 | 348 | 360 | | |
| Group242 | | 348 | 360 | Group: Visibility Control Group: Color Control | TEMPCTL\z4\LoopModeChanging TEMPCTL\z4\LoopModeChanging |
| StringDisplay22 | | 353 | 361 | String Display | if TEMPCTL\z4\LoopModeChanging then "WAIT" else "" |
| Group242 | +-Group242 | | | | |
| Group271 | +-Group271 | | | | |
| Group660 | ++Group660 | | | | |
| Group481 | ++Group481 | 344 | 125 | | |
| Group385 | ++Group385 | 349 | 129 | | |
| Group384 | ++Group384 | 354 | 129 | | |
| StringDisplay57 | | 354 | 129 | String Display | EXT\layout1\btm5_loop3_faceplate_line1 |
| StringDisplay58 | | 354 | 139 | String Display | EXT\layout1\btm5_loop3_faceplate_line2 |
| Group384 | +-Group384 | | | | |
| Group385 | +-Group385 | | | | |
| Group389 | ++Group389 | 344 | 239 | | |
| Group388 | ++Group388 | 344 | 249 | | |
| StringDisplay59 | | 394 | 250 | String Display | if TEMPCTL\z2to5TempUnits then "C" else "F" |
| NumericDisplay17 | | 344 | 250 | Numeric Display | TEMPCTL\z4\TEMPERATURE |
| Group388 | +-Group388 | | | | |
| Group389 | +-Group389 | | | | |
| Group392 | ++Group392 | 349 | 154 | | |
| Group392 | | 349 | 154 | Group: Color Control | TEMPCTL\z4\LoopEnabled |
| Group391 | ++Group391 | 349 | 154 | | |
| StringDisplay60 | | 362 | 154 | String Display | If TEMPCTL\z4\LoopEnabled then "ON" else "OFF" |
| Group391 | +-Group391 | | | | |
| Group392 | +-Group392 | | | | |
| Group411 | ++Group411 | 349 | 186 | | |
| Group411 | | 349 | 186 | Group: Color Control | If TEMPCTL\z4\SSR then 1 else if TEMPCTL\z4\sv then 2 else if TEMPCTL\z4\HI_HI_ALM or TEMPCTL\z4\LO_LO_ALM then 3 else if TEMPCTL\z4\HI_ALM or TEMPCTL\z4\LO_ALM then 4 else if (TEMPCTL\z4\LOOPENABLED = 1) && (TEMPCTL\z4\temperature > TEMPCTL\z4\LO_ALM_LIMIT) AND (TEMPCTL\z4\temperature > TEMPCTL\z4\LO_ALM_LIMIT) then 5 else 6 |

| Object Name | Grouping | X | Y | Property | Expression |
|-----------------|------------|-----|-----|---------------------------|--|
| StringDisplay61 | | 357 | 188 | String Display | If TEMPCTL\z4\SSR then "HEATING" else if TEMPCTL\z4\Sv then "COOLING" else if TEMPCTL\z4\HI_HI_ALM then "HI-HI" else if TEMPCTL\z4\LO_LO_ALM then "LO-LO" else if TEMPCTL\z4\HI_ALM then "HI" else if TEMPCTL\z4\LO_ALM then "LO" else if TEMPCTL\z4\LoopEnabled and (TEMPCTL\z4\LO_ALM_LIMIT < TEMPCTL\z4\temperature) and (TEMPCTL\z4\temperature < TEMPCTL\z4\hi_ALM_LIMIT) then "RUNNING" else "" |
| Group411 | +-Group411 | | | | |
| Group436 | ++Group436 | 349 | 202 | | |
| Group436 | | 349 | 202 | Group: Color Control | if TEMPCTL\z4\AUTOTUNE_TUNING then 0 else if TEMPCTL\z4\AUTOTUNE_COMPLETE then 1 else 2 |
| Group423 | ++Group423 | 349 | 202 | | |
| Group422 | ++Group422 | 349 | 202 | | |
| Group422 | | 349 | 202 | Group: Color Control | if TEMPCTL\z4\AUTOTUNE_TUNING then 0 else if TEMPCTL\z4\AUTOTUNE_COMPLETE then 1 else 2 |
| Group422 | +-Group422 | | | | |
| Group423 | +-Group423 | | | | |
| StringDisplay62 | | 350 | 203 | String Display | if TEMPCTL\z4\AUTOTUNE_TUNING then "TUNING" else if TEMPCTL\z4\AUTOTUNE_COMPLETE then "COMPLETE" else "" |
| Group436 | +-Group436 | | | | |
| Group480 | ++Group480 | 349 | 218 | | |
| Group480 | | 349 | 218 | Group: Color Control | If TEMPCTL\z4\AUTOTUNE_PASSED then 0 else if TEMPCTL\z4\AUTOTUNE_COMPLETE then 1 else 2 If TEMPCTL\z4\AUTOTUNE_PASSED then "PASSED" else if TEMPCTL\z4\AUTOTUNE_COMPLETE then "FAILED" else "" |
| StringDisplay63 | | 354 | 219 | String Display | TEMPCTL\z4\LoopAutoMode |
| Group480 | +-Group480 | | | | |
| Group205 | ++Group205 | 349 | 170 | | |
| Group205 | | 349 | 170 | Group: Color Control | TEMPCTL\z4\LoopAutoMode |
| Group204 | ++Group204 | 349 | 170 | | |
| StringDisplay13 | | 354 | 170 | String Display | if TEMPCTL\z4\LoopAutoMode then "AUTO" else "MANUAL" |
| Group204 | +-Group204 | | | | |
| Group205 | +-Group205 | | | | |
| Group481 | +-Group481 | | | | |
| Group139 | +Group139 | | | | |
| Group181 | ++Group181 | 408 | 125 | | |
| Group181 | | 408 | 125 | Group: Visibility Control | TEMPCTL\z5\DisplayLoop |
| Group180 | ++Group180 | 410 | 281 | | |
| Group179 | ++Group179 | 410 | 281 | | |
| Group179 | | 410 | 281 | Group: Color Control | If TEMPCTL\z5\SSR then 1 else if TEMPCTL\z5\Sv then 2 else if TEMPCTL\z5\HI_HI_ALM or TEMPCTL\z5\LO_LO_ALM then 3 else if TEMPCTL\z5\HI_ALM or TEMPCTL\z5\LO_ALM then 4 else if (TEMPCTL\z5\LOOPENABLED and (TEMPCTL\z5\LO_ALM_LIMIT < TEMPCTL\z5\temperature) and (TEMPCTL\z5\temperature < TEMPCTL\z5\hi_ALM_LIMIT)) then 5 else 6 |
| Group179 | +-Group179 | | | Group: Visibility Control | TEMPCTL\z5\LoopEnabled |
| Group180 | +Group180 | | | | |
| Group532 | ++Group532 | 410 | 321 | | |
| Group318 | ++Group318 | 412 | 321 | | |
| Group317 | ++Group317 | 415 | 324 | | |
| Group316 | ++Group316 | 415 | 324 | | |
| NumericInput17 | | 415 | 324 | Numeric Input | TEMPCTL\z5\RUN_SETPOINT |
| StringDisplay36 | | 458 | 325 | String Display | if TEMPCTL\z2to5TempUnits then "C" else "F" |
| Group316 | +-Group316 | | | | |
| Group317 | +-Group317 | | | | |
| Group318 | +-Group318 | | | | |
| Group322 | ++Group322 | 411 | 387 | | |
| Group322 | | 411 | 387 | Group: Visibility Control | secmonpatch > 2 |
| Group321 | ++Group321 | 414 | 392 | | |

| Object Name | Grouping | X | Y | Property | Expression |
|------------------|------------|-----|-----|---|--|
| Group320 | ++Group320 | 414 | 392 | | |
| NumericInput18 | | 414 | 392 | Numeric Input | TEMPCTL\z5\manualoutput |
| Group320 | | | | | |
| Group321 | | | | | |
| Group322 | | | | | |
| Group324 | | 410 | 419 | | |
| Group323 | | 410 | 419 | | |
| Button28 | | 410 | 419 | Button Reset: "OFF" | TEMPCTL\z5\ENABLE_LOOP |
| Button29 | | 441 | 419 | Button Set: "ON" | TEMPCTL\z5\ENABLELOOP |
| Group323 | | | | | |
| Group324 | | | | | |
| Group143 | | 410 | 452 | | |
| Group143 | | 410 | 452 | Group: Visibility Control | secmonpatch > 2 |
| Group142 | | 410 | 452 | | |
| Button22 | | 410 | 452 | Button Reset: "MAN" | TEMPCTL\z5>SelectLoopAutoMode |
| Button27 | | 441 | 452 | Button Set: "AUTO" | TEMPCTL\z5>SelectLoopAutoMode |
| Group142 | | | | | |
| Group143 | | | | | |
| Group350 | | 411 | 354 | | |
| Group310 | | 411 | 354 | | |
| Group273 | | 413 | 361 | | |
| NumericDisplay10 | | 413 | 361 | Numeric Display | TEMPCTL\z5\Output |
| Group273 | | | | | |
| Group310 | | | | | |
| Group314 | | 412 | 360 | | |
| Group314 | | 412 | 360 | Group: Visibility Control Group: Color Control | TEMPCTL\z5\LoopModeChanging TEMPCTL\z5\LoopModeChanging if TEMPCTL\z5\LoopModeChanging then "WAIT" else "" |
| StringDisplay23 | | 417 | 361 | String Display | |
| Group314 | | | | | |
| Group350 | | | | | |
| Group532 | | | | | |
| Group503 | | 408 | 125 | | |
| Group485 | | 413 | 129 | | |
| Group484 | | 418 | 129 | | |
| StringDisplay64 | | 418 | 129 | String Display | EXT\layout1\btm5_loop4_faceplate_line1 |
| StringDisplay65 | | 418 | 139 | String Display | EXT\layout1\btm5_loop4_faceplate_line2 |
| Group484 | | | | | |
| Group485 | | | | | |
| Group489 | | 408 | 239 | | |
| Group488 | | 408 | 249 | | |
| StringDisplay66 | | 458 | 250 | String Display | if TEMPCTL\z2to5TempUnits then "C" else "F" TEMPCTL\z5\TEMPERATURE |
| NumericDisplay18 | | 408 | 250 | Numeric Display | |
| Group488 | | | | | |
| Group489 | | | | | |
| Group492 | | 413 | 154 | | |
| Group492 | | 413 | 154 | Group: Color Control | TEMPCTL\z5\LoopEnabled |
| Group491 | | 413 | 154 | | |
| StringDisplay67 | | 426 | 154 | String Display | If TEMPCTL\z5\LoopEnabled then "ON" else "OFF" |
| Group491 | | | | | |
| Group492 | | | | | |
| Group494 | | 413 | 186 | | |
| Group494 | | 413 | 186 | Group: Color Control | If TEMPCTL\z5\SSR then 1 else if TEMPCTL\z5\Sv then 2 else if TEMPCTL\z5\HI_HI_ALM or TEMPCTL\z5\LO_LO_ALM then 3 else if TEMPCTL\z5\HI_ALM or TEMPCTL\z5\LO_ALM then 4 else if (TEMPCTL\z5\LOOPENABLED = 1) && (TEMPCTL\z5\temperature > TEMPCTL\z5\LO_ALM_LIMIT) AND (TEMPCTL\z5\temperature > TEMPCTL\z5\LO_ALM_LIMIT) then 5 else 6 |
| StringDisplay68 | | 421 | 188 | String Display | If TEMPCTL\z5\SSR then "HEATING" else if TEMPCTL\z5\Sv then "COOLING" else if TEMPCTL\z5\HI_HI_ALM then "HI-HI" else if TEMPCTL\z5\LO_LO_ALM then "LO-LO" else if TEMPCTL\z5\HI_ALM then "HI" else if TEMPCTL\z5\LO_ALM then "LO" else if TEMPCTL\z5\LoopEnabled and (TEMPCTL\z5\LO_ALM_LIMIT < TEMPCTL\z5\temperature) and (TEMPCTL\z5\temperature < TEMPCTL\z5\hi_ALM_LIMIT) then "RUNNING" else "" |
| Group494 | | | | | |
| Group499 | | 413 | 202 | | |

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|---|--|
| Group499 | | 413 | 202 | Group: Color Control | if TEMPCTL\z5\AUTOTUNE_TUNING then 0 else if TEMPCTL\z5\AUTOTUNE_COMPLETE then 1 else 2 |
| Group498 | ++Group498 | 413 | 202 | | |
| Group497 | ++Group497 | 413 | 202 | Group: Color Control | if TEMPCTL\z5\AUTOTUNE_TUNING then 0 else if TEMPCTL\z5\AUTOTUNE_COMPLETE then 1 else 2 |
| Group497 | +-Group497 | | | | |
| Group498 | +-Group498 | | | | |
| StringDisplay69 | | 414 | 203 | String Display | if TEMPCTL\z5\AUTOTUNE_TUNING then "TUNING" else if TEMPCTL\z5\AUTOTUNE_COMPLETE then "COMPLETE" else "" |
| Group499 | +-Group499 | | | | |
| Group502 | ++Group502 | 413 | 218 | | |
| Group502 | | 413 | 218 | Group: Color Control | If TEMPCTL\z5\AUTOTUNE_PASSED then 0 else if TEMPCTL\z5\AUTOTUNE_COMPLETE then 1 else 2 |
| StringDisplay70 | | 418 | 219 | String Display | If TEMPCTL\z5\AUTOTUNE_PASSED then "PASSED" else if TEMPCTL\z5\AUTOTUNE_COMPLETE then "FAILED" else "" |
| Group502 | +-Group502 | | | | |
| Group236 | ++Group236 | 413 | 170 | | |
| Group236 | | 413 | 170 | Group: Color Control | TEMPCTL\Z5\LoopAutoMode |
| Group235 | ++Group235 | 413 | 170 | | |
| StringDisplay16 | | 418 | 170 | String Display | if TEMPCTL\Z5\LoopAutoMode then "AUTO" else "MANUAL" |
| Group235 | +-Group235 | | | | |
| Group236 | +-Group236 | | | | |
| Group503 | +Group503 | | | | |
| Group181 | +Group181 | | | | |
| Group20 | ++Group20 | 216 | 481 | | |
| Button7 | | 344 | 481 | Button Toggle: "SHOW ZONE" | TEMPCTL\Z4\DisplayLoop |
| | | | | Button Toggle: "SHOW ZONE": Touch Control: Press Action | Toggle TEMPCTL\Z4\DisplayLoop |
| Button15 | | 280 | 481 | Button Toggle: "SHOW ZONE" | TEMPCTL\Z3\DisplayLoop |
| | | | | Button Toggle: "SHOW ZONE": Touch Control: Press Action | Toggle TEMPCTL\Z3\DisplayLoop |
| Button18 | | 216 | 481 | Button Toggle: "SHOW ZONE" | TEMPCTL\Z2\DisplayLoop |
| | | | | Button Toggle: "SHOW ZONE": Touch Control: Press Action | Toggle TEMPCTL\Z2\DisplayLoop |
| Button19 | | 408 | 481 | Button Toggle: "SHOW ZONE" | TEMPCTL\Z5\DisplayLoop |
| | | | | Button Toggle: "SHOW ZONE": Touch Control: Press Action | Toggle TEMPCTL\Z5\DisplayLoop |
| Group20 | +Group20 | | | | |
| Group182 | +Group182 | | | | |
| Group728 | ++Group728 | 132 | 125 | | |
| Group746 | ++Group746 | 143 | 254 | | |
| NumericDisplay33 | | 143 | 255 | Numeric Display | STATUS\TEMP\FEED_ZONE_TEMPERATURE |
| StringDisplay32 | | 193 | 255 | String Display | if STATUS\TEMP\FeedTempUnitsStatus then "F" else "C" |
| Group746 | +Group746 | | | | |
| Group728 | +Group728 | | | | |

1.1.7.3 Database Tags Used by the Component

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|--|-----------------|------------------------------|
| ALM_SILENCE | Digital | ALARM SILENCE |
| BLWR\LOW_PRESS | Digital | Blower Status - Low Pressure |
| BLWR\RUNNING | Digital | Blower Status - Running |
| BLWR\TRIPPED | Digital | Blower Status - Tripped |
| EXT\AMPS | Analog | Extruder Amps |
| EXT\KW | Analog | Extruder KW |
| EXT\layout1\btm5_loop1_faceplate_line1 | String | |
| EXT\layout1\btm5_loop1_faceplate_line2 | String | |
| EXT\layout1\btm5_loop2_faceplate_line1 | String | |
| EXT\layout1\btm5_loop2_faceplate_line2 | String | |
| EXT\layout1\btm5_loop3_faceplate_line1 | String | |
| EXT\layout1\btm5_loop3_faceplate_line2 | String | |
| EXT\layout1\btm5_loop4_faceplate_line1 | String | |
| EXT\layout1\btm5_loop4_faceplate_line2 | String | |
| EXT\layout1\btm6_loop1_faceplate_line1 | String | |
| EXT\layout1\btm6_loop1_faceplate_line2 | String | |

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|--|-----------------|--|
| EXT\layout1\btm6_loop2_faceplate_line1 | String | |
| EXT\layout1\btm6_loop2_faceplate_line2 | String | |
| EXT\layout1\btm6_loop3_faceplate_line1 | String | |
| EXT\layout1\btm6_loop3_faceplate_line2 | String | |
| EXT\layout1\btm6_loop4_faceplate_line1 | String | |
| EXT\layout1\btm6_loop4_faceplate_line2 | String | |
| ext\speed | Analog | Extruder Speed |
| EXT\SPEED_SP | Analog | Extruder Speed Setpoint |
| EXT\VOLT | Analog | Extruder Volts |
| initest | Digital | |
| LUBELOW_PRESS | Digital | Lube Status - Low Pressure |
| LUBE OIL_TEMP_HIGH | Digital | LUBE OIL HIGH TEMP. |
| LUBE\RUNNING | Digital | Lube Status - Running |
| LUBE\SYS_FILTER | Digital | Lube Status - Filter Dirty |
| LUBE\TRIPPED | Digital | Lube Status - Tripped |
| SecMon\Word | Analog | Current User's security access in a word |
| secmonpatch | Analog | |
| SETUP\BLOWER | Digital | Blower Select Bit |
| SETUP\LUBE_MTR | Digital | Select Lube Motor |
| SETUP\TCU_BCU_MTR | Digital | TCU Select Bit |
| SETUP\VACUUM_MTR | Digital | Select Vacuum |
| SETUP\Z10TO13 | Digital | Setup Zone 10 to Zone 13 |
| SETUP\Z14TO17 | Digital | |
| SETUP\Z6TO9 | Digital | |
| SETUP\ZSFE | Digital | Side Feeder Select Bit |
| SETUP\ZSFE2 | Digital | |
| SIDEFDR\AGIT_FLT | Digital | Side Feeder Status - Agitator Fault |
| SIDEFDR\DRV_FLT | Digital | Side Feeder Status - Drive Fault |
| SIDEFDR\RUNNING | Digital | Side Feeder Status - Running |
| SIDEFDR2\AGIT_FLT | Digital | |
| SIDEFDR2\DRV_FLT | Digital | |
| SIDEFDR2\RUNNING | Digital | |
| STATUS\TEMP\BCU_TCU_TEMP_ALM | Digital | BCU\TCU Temperature Alarm |
| STATUS\TEMP\FEED_ZONE_TEMPERATURE | Analog | Feed Zone Temperature |
| STATUS\TEMP\FeedTempUnitsStatus | Digital | |
| STATUS\TEMP\MELT_TEMPERATURE | Analog | Melt Temperature |
| Status\Temp\MeltTempUnitsStatus | Digital | |
| system\DayOfMonth | Analog | Day of Month |
| system\Month | Analog | Month |
| system\second | Analog | Seconds (0 - 59) |
| system\Time | String | System time string |
| system\User | String | Currently logged on User |
| system\Year | Analog | Year |
| TCU\LOW_PRESS | Digital | TCU Status - Low Pressure |
| TCU\LowLevel | Digital | |
| TCU\RUNNING | Digital | TCU Status - Running |
| TCU\TRIPPED | Digital | TCU Status - Tripped |
| TEMPCTLZ2\AUTOTUNE_COMPLETE | Digital | |
| TEMPCTLZ2\AUTOTUNE_PASSED | Digital | Autotune Passed |
| TEMPCTLZ2\AUTOTUNE_TUNING | Digital | Autotuning In Progress |
| TEMPCTLZ2\DisplayLoop | Digital | Extruder Layout Display Control |
| TEMPCTLZ2\ENABLE_LOOP | Digital | |
| TEMPCTLZ2\HI_ALM | Digital | Zone 2 High Temperature Alarm |
| TEMPCTLZ2\hi_ALM_LIMIT | Analog | High Alarm Threshold |
| TEMPCTLZ2\HI_HI_ALM | Digital | Zone 2 Hi-Hi Temperature Alarm |
| TEMPCTLZ2\LO_ALM | Digital | |
| TEMPCTLZ2\LO_ALM_LIMIT | Analog | Lo Alarm Threshold |
| TEMPCTLZ2\LO_LO_ALM | Digital | |
| TEMPCTLZ2\LoopAutoMode | Digital | Zone 2 in auto mode |
| TEMPCTLZ2\LoopEnabled | Digital | |
| TEMPCTLZ2\LoopModeChanging | Digital | |
| TEMPCTLZ2\ManualOutput | Analog | |
| TEMPCTLZ2\Output | Analog | Zone 2 output % |
| TEMPCTLZ2\RUN_SETPOINT | Analog | Run Setpoint Value |
| TEMPCTLZ2>SelectLoopAutoMode | Digital | |
| TEMPCTLZ2\SSR | Digital | Zone 2 SSR |
| TEMPCTLZ2\Sv | Digital | Zone 2 Cooling Sol Valve |
| TEMPCTLZ2\temperature | Analog | Temperature |
| TEMPCTLZ2to5TempUnits | Digital | 1 = Celsius, 0 = Fahrenheit |
| TEMPCTLz3\AUTOTUNE_COMPLETE | Digital | |
| TEMPCTLz3\AUTOTUNE_PASSED | Digital | Autotune Passed |
| TEMPCTLz3\AUTOTUNE_TUNING | Digital | Autotuning In Progress |
| TEMPCTLz3\DisplayLoop | Digital | |
| TEMPCTLz3\ENABLE_LOOP | Digital | Enable Loop 3 |
| TEMPCTLz3\HI_ALM | Digital | Zone 3 High Temperature Alarm |
| TEMPCTLz3\hi_ALM_LIMIT | Analog | High Alarm Threshold |
| TEMPCTLz3\HI_HI_ALM | Digital | Zone 3 Hi-Hi Temperature Alarm |
| TEMPCTLz3\LO_ALM | Digital | |
| TEMPCTLz3\LO_ALM_LIMIT | Analog | Low Alarm Threshold |
| TEMPCTLz3\LO_LO_ALM | Digital | |
| TEMPCTLz3\LoopAutoMode | Digital | |
| TEMPCTLz3\LoopEnabled | Digital | |
| TEMPCTLz3\LoopModeChanging | Analog | |
| TEMPCTLz3\ManualOutput | Analog | |
| TEMPCTLz3\Output | Analog | Zone 3 output% |
| TEMPCTLz3\RUN_SETPOINT | Analog | Run Setpoint Value |
| TEMPCTLz3>SelectLoopAutoMode | Digital | |

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|------------------------------|-----------------|--------------------------------|
| TEMPCTLz3\SSR | Digital | Zone 3 SSR |
| TEMPCTLz3\Sv | Digital | Zone 3 Cool SV |
| TEMPCTLz3\temperature | Analog | Temperature |
| TEMPCTLz4\AUTOTUNE_COMPLETE | Digital | |
| TEMPCTLz4\AUTOTUNE_PASSED | Digital | Autotune Passed |
| TEMPCTLz4\AUTOTUNE_TUNING | Digital | Autotuning In Progress |
| TEMPCTLZ4\DisplayLoop | Digital | |
| TEMPCTLZ4\ENABLE_LOOP | Digital | Zone 4 Enable Loop |
| TEMPCTLz4\HI_ALM | Digital | Zone 4 High Temperature Alarm |
| TEMPCTLz4\hi_ALM_LIMIT | Analog | High Alarm Threshold |
| TEMPCTLz4\HI_HI_ALM | Digital | Zone 4 Hi-Hi Temperature Alarm |
| TEMPCTLz4\LO_ALM | Digital | |
| TEMPCTLz4\LO_ALM_LIMIT | Analog | Low Alarm Threshold |
| TEMPCTLz4\LO_LO_ALM | Digital | |
| TEMPCTLZ4\LoopAutoMode | Digital | Loop is in Auto |
| TEMPCTLz4\LoopEnabled | Digital | |
| TEMPCTLz4\LoopModeChanging | Digital | |
| TEMPCTLZ4\ManualOutput | Analog | CV% Output used in Manual Mode |
| TEMPCTLz4\Output | Analog | Zone 4 output % |
| TEMPCTLZ4\RUN_SETPOINT | Analog | Run Setpoint Value |
| TEMPCTLZ4\SelectLoopAutoMode | Digital | |
| TEMPCTLz4\SSR | Digital | Zone 4 SSR |
| TEMPCTLz4\Sv | Digital | Zone 4 Cool SV |
| TEMPCTLz4\temperature | Analog | Temperature |
| TEMPCTLz5\AUTOTUNE_COMPLETE | Digital | |
| TEMPCTLz5\AUTOTUNE_PASSED | Digital | Autotune Passed |
| TEMPCTLz5\AUTOTUNE_TUNING | Digital | Autotuning In Progress |
| TEMPCTLz5\DisplayLoop | Digital | |
| TEMPCTLZ5\ENABLE_LOOP | Digital | Enable Zone 5 |
| TEMPCTLZ5\ENABLELOOP | Digital | Enable Zone 5 |
| TEMPCTLz5\HI_ALM | Digital | Zone 5 High Temperature Alarm |
| TEMPCTLz5\hi_ALM_LIMIT | Analog | High Alarm Threshold |
| TEMPCTLz5\HI_HI_ALM | Digital | Zone 5 Hi-Hi Temperature Alarm |
| TEMPCTLz5\LO_ALM | Digital | |
| TEMPCTLz5\LO_ALM_LIMIT | Analog | Low Alarm Threshold |
| TEMPCTLz5\LO_LO_ALM | Digital | |
| TEMPCTLZ5\LoopAutoMode | Digital | Loop is in Auto |
| TEMPCTLz5\LoopEnabled | Digital | |
| TEMPCTLZ5\LoopModeChanging | Digital | |
| TEMPCTLZ5>manualoutput | Analog | CV% Output used in Manual Mode |
| TEMPCTLz5\Output | Analog | Zone 5 output % |
| TEMPCTLz5\RUN_SETPOINT | Analog | Run Setpoint Value |
| TEMPCTLZ5\SelectLoopAutoMode | Digital | |
| TEMPCTLz5\SSR | Digital | Zone 5 SSR |
| TEMPCTLz5\Sv | Digital | Zone 5 Cool SV |
| TEMPCTLz5\TEMPERATURE | Analog | Temperature |
| TEMPCTLz6\AUTOTUNE_COMPLETE | Digital | |
| TEMPCTLz6\AUTOTUNE_PASSED | Digital | Autotune Passed |
| TEMPCTLz6\AUTOTUNE_TUNING | Digital | Autotuning In Progress |
| TEMPCTLz6\DisplayLoop | Digital | |
| TEMPCTLZ6\ENABLE_LOOP | Digital | Enable Zone 6 |
| TEMPCTLz6\HI_ALM | Digital | Zone 6 High Temperature Alarm |
| TEMPCTLz6\hi_ALM_LIMIT | Analog | High Alarm Threshold |
| TEMPCTLz6\HI_HI_ALM | Digital | Zone 6 Hi-Hi Temperature Alarm |
| TEMPCTLz6\LO_ALM | Digital | |
| TEMPCTLz6\LO_ALM_LIMIT | Analog | Lo Alarm Threshold |
| TEMPCTLz6\LO_LO_ALM | Digital | |
| TEMPCTLZ6\LoopAutoMode | Digital | Loop is in Auto |
| TEMPCTLz6\LOOPENABLED | Digital | |
| TEMPCTLz6\LoopModeChanging | Digital | |
| TEMPCTLZ6>manualoutput | Analog | CV% Output used in Manual Mode |
| TEMPCTLz6\Output | Analog | Zone 6 output % |
| TEMPCTLZ6\RUN_SETPOINT | Analog | Run Setpoint Value |
| TEMPCTLZ6\SelectLoopAutoMode | Digital | |
| TEMPCTLz6\SSR | Digital | |
| TEMPCTLz6\Sv | Digital | Zone 6 Cool Sv |
| TEMPCTLz6\temperature | Analog | Temperature |
| TEMPCTLZ6to9TempUnits | Digital | |
| TEMPCTLz7\AUTOTUNE_COMPLETE | Digital | |
| TEMPCTLz7\AUTOTUNE_PASSED | Digital | Autotune Passed |
| TEMPCTLz7\AUTOTUNE_TUNING | Digital | Autotuning In Progress |
| TEMPCTLZ7\DisplayLoop | Digital | |
| TEMPCTLZ7\ENABLE_LOOP | Digital | Enable Zone 7 |
| TEMPCTLz7\HI_ALM | Digital | Zone 7 High Temperature Alarm |
| TEMPCTLz7\hi_ALM_LIMIT | Analog | High Alarm Threshold |
| TEMPCTLz7\HI_HI_ALM | Digital | Zone 7 Hi-Hi Temperature Alarm |
| TEMPCTLz7\LO_ALM | Digital | |
| TEMPCTLz7\LO_ALM_LIMIT | Analog | Low Alarm Threshold |
| TEMPCTLz7\LO_LO_ALM | Digital | |
| TEMPCTLZ7\LoopAutoMode | Digital | Loop is in Auto |
| TEMPCTLz7\LoopEnabled | Digital | |
| TEMPCTLZ7\LoopModeChanging | Digital | |
| TEMPCTLZ7>manualoutput | Analog | CV% Output used in Manual Mode |
| TEMPCTLz7\Output | Analog | zone 7 output % |
| TEMPCTLZ7\RUN_SETPOINT | Analog | Run Setpoint Value |
| TEMPCTLZ7\SelectLoopAutoMode | Digital | |
| TEMPCTLz7\SSR | Digital | Zone 7 SSR |

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-------------------------------|-----------------|--------------------------------|
| TEMPCTL\z7\Sv | Digital | Zone 7 Cool SV |
| TEMPCTL\z7\temperature | Analog | Temperature |
| TEMPCTL\z8\AUTOTUNE_COMPLETE | Digital | |
| TEMPCTL\z8\AUTOTUNE_PASSED | Digital | Autotune Passed |
| TEMPCTL\z8\AUTOTUNE_TUNING | Digital | Autotuning In Progress |
| TEMPCTL\Z8\DisplayLoop | Digital | |
| TEMPCTL\Z8\ENABLE_LOOP | Digital | |
| TEMPCTL\z8\HI_ALM | Digital | Zone 8 High Temperature Alarm |
| TEMPCTL\z8\hi_ALM_LIMIT | Analog | High Alarm Threshold |
| TEMPCTL\z8\HI_HI_ALM | Digital | Zone 8 Hi-Hi Temperature Alarm |
| TEMPCTL\z8\LO_ALM | Digital | |
| TEMPCTL\z8\LO_ALM_LIMIT | Analog | Low Alarm Threshold |
| TEMPCTL\z8\LO_LO_ALM | Digital | |
| TEMPCTL\Z8\LoopAutoMode | Digital | Loop is in Auto |
| TEMPCTL\z8\LOOPENABLED | Digital | |
| TEMPCTL\Z8\LoopModeChanging | Digital | |
| TEMPCTL\Z8\manualoutput | Analog | CV% Output used in Manual Mode |
| TEMPCTL\z8\Output | Analog | Zone 8 output % |
| TEMPCTL\Z8\RUN_SETPOINT | Analog | Run Setpoint Value |
| TEMPCTL\Z8>SelectLoopAutoMode | Digital | |
| TEMPCTL\z8\SSR | Digital | Zone 8 SSR |
| TEMPCTL\z8\Sv | Digital | Zone 8 Cool SV |
| TEMPCTL\z8\temperature | Analog | Temperature |
| TEMPCTL\z9\AUTOTUNE_COMPLETE | Digital | |
| TEMPCTL\z9\AUTOTUNE_PASSED | Digital | Autotune Passed |
| TEMPCTL\z9\AUTOTUNE_TUNING | Digital | Autotuning In Progress |
| TEMPCTL\Z9\DisplayLoop | Digital | |
| TEMPCTL\Z9\ENABLE_LOOP | Digital | Enable Zone 9 |
| TEMPCTL\z9\HI_ALM | Digital | Zone 9 High Temperature Alarm |
| TEMPCTL\z9\hi_ALM_LIMIT | Analog | High Alarm Threshold |
| TEMPCTL\z9\HI_HI_ALM | Digital | Zone 9 Hi-Hi Temperature Alarm |
| TEMPCTL\z9\LO_ALM | Digital | |
| TEMPCTL\z9\LO_ALM_LIMIT | Analog | Low Alarm Threshold |
| TEMPCTL\z9\LO_LO_ALM | Digital | |
| TEMPCTL\Z9\LoopAutoMode | Digital | Loop is in Auto |
| TEMPCTL\z9\LoopEnabled | Digital | |
| TEMPCTL\Z9\LoopModeChanging | Digital | |
| TEMPCTL\Z9\manualoutput | Analog | CV% Output used in Manual Mode |
| TEMPCTL\z9\Output | Analog | Zone 9 output % |
| TEMPCTL\Z9\RUN_SETPOINT | Analog | Run Setpoint Value |
| TEMPCTL\Z9>SelectLoopAutoMode | Digital | |
| TEMPCTL\z9\SSR | Digital | Zone 9 SSR |
| TEMPCTL\z9\Sv | Digital | Zone 9 Cool Sv |
| TEMPCTL\z9\temperature | Analog | Temperature |
| VAC\RUNNING | Digital | Vacuum Status - Running |
| VAC\TRIPPED | Digital | Vacuum Status - Tripped |

1.1.8 Graphics\Display\ExtruderLayout2

1.1.8.1 Display Settings

| Section | Option | Selection | |
|---|--------------------------------|-------------------------------------|-----|
| Properties | Display Type | Replace | |
| | Allow Multiple Running Copies | No | |
| | Cache after Displaying | No | |
| | Title Bar | No | |
| | System Menu | No | |
| | Minimize Button | No | |
| | Maximize Button | No | |
| | Size to Main Window at Runtime | No | |
| | Show last Acquired Value | No | |
| | Use Current Size | No (Size in Pixels: 800 x 600) | |
| | Allow Display to be Resized | No | |
| | Use Current Position | Yes | |
| | Security Code | * | |
| | Background Color | 0xD0D000 | |
| | Behavior | Startup Command | |
| | | Shutdown Command | |
| | | Input Field Not Selected Text Color | 0x0 |
| Input Field Not Selected Fill Color | | 0xFFFFFFFF | |
| Input Field Selected Text Color | | 0xFFFFFFFF | |
| Input Field Selected Fill Color | | 0xFF | |
| Beep on Press of Interactive Object | | No | |
| Highlight when Cursor Passes Over Interactive Objects | | Yes Highlight Color: 0x0 | |
| Highlight Color of Objects with Input Focus | 0xFF00 | | |
| Display On-screen Keyboard | Yes | | |

1.1.8.2 Animated Display Objects

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|----------------------------------|---|
| Group22 | ++Group22 | 61 | 0 | | |
| Group20 | ++Group20 | 61 | 0 | | |
| StringDisplay1 | | 588 | 17 | String Display | system\Time |
| Group18 | ++Group18 | 343 | 18 | | |
| StringDisplay2 | | 394 | 18 | String Display | system\User |
| Group18 | +Group18 | | | | |
| Group19 | ++Group19 | 484 | 18 | | |
| NumericDisplay4 | | 484 | 18 | Numeric Display | system\Month |
| NumericDisplay2 | | 507 | 18 | Numeric Display | system\DayOfMonth |
| NumericDisplay3 | | 534 | 18 | Numeric Display | system\Year |
| Group19 | +Group19 | | | | |
| Group20 | +Group20 | | | | |
| Group22 | ++Group22 | | | | |
| Group514 | ++Group514 | 122 | 321 | | |
| Group231 | ++Group231 | 126 | 388 | | |
| Group231 | | 126 | 388 | Group: Visibility Control | secmonpatch > 2 |
| Group231 | +Group231 | | | | |
| Group30 | ++Group30 | 125 | 455 | | |
| Group30 | | 125 | 455 | Group: Visibility Control | secmonpatch > 2 |
| Group30 | +Group30 | | | | |
| Group514 | ++Group514 | | | | |
| Group1 | ++Group1 | 0 | 0 | | |
| Group1 | | 0 | 0 | Group: Rotation Control | EXT\AMPS |
| Group1 | +Group1 | | | | |
| Group69 | ++Group69 | 156 | 276 | | |
| Group69 | | 156 | 276 | Group: Visibility Control | SETUP\Z10TO13 |
| Button2 | | 156 | 276 | Button: "BACK" | Display Extruder Layout |
| | | | | ": Touch Control: Release Action | |
| Group69 | +Group69 | | | | |
| Group67 | ++Group67 | 10 | 443 | | |
| Button3 | | 10 | 443 | Button: "HELP" | Display BarrelStatusKey /Q4 |
| | | | | ": Touch Control: Release Action | |
| Group67 | +Group67 | | | | |
| Group352 | ++Group352 | 471 | 118 | | |
| Group352 | | 471 | 118 | Group: Visibility Control | SETUP\Z14to17 |
| Group225 | ++Group225 | 471 | 118 | | |
| Group225 | | 471 | 118 | Group: Visibility Control | TEMPCTL\z14\DisplayLoop |
| Group224 | ++Group224 | 472 | 279 | | |
| Group223 | ++Group223 | 472 | 279 | | |
| Group223 | | 472 | 279 | Group: Color Control | If TEMPCTL\z14\SSR then 1 else if TEMPCTL\z14\Sv then 2 else if TEMPCTL\z14\HI_HI_ALM or TEMPCTL\z14\LO_LO_ALM then 3 else if TEMPCTL\z14\HI_ALM or TEMPCTL\z14\LO_ALM then 4 else if (TEMPCTL\z14\LOOPENABLED and (TEMPCTL\z14\LO_ALM_LIMIT < TEMPCTL\z14\temperature) and (TEMPCTL\z14\temperature < TEMPCTL\z14\hi_ALM_LIMIT)) then 5 else 6 |
| | | | | Group: Visibility Control | TEMPCTL\z14\LoopEnabled |
| Group223 | +Group223 | | | | |
| Group224 | +Group224 | | | | |
| Group587 | ++Group587 | 472 | 324 | | |
| Group580 | ++Group580 | 473 | 324 | | |
| Group579 | ++Group579 | 476 | 327 | | |
| Group578 | ++Group578 | 476 | 327 | | |
| NumericInput33 | | 476 | 327 | Numeric Input | TEMPCTL\z14\RUN_SETPOINT |
| StringDisplay46 | | 522 | 328 | String Display | if TEMPCTL\z14to17TempUnits then "C" else "F" |
| Group578 | +Group578 | | | | |
| Group579 | +Group579 | | | | |
| Group580 | +Group580 | | | | |
| Group584 | ++Group584 | 474 | 390 | | |
| Group584 | | 474 | 390 | Group: Visibility Control | secmonpatch > 2 |
| Group583 | ++Group583 | 477 | 395 | | |
| Group582 | ++Group582 | 477 | 395 | | |
| NumericInput34 | | 477 | 395 | Numeric Input | TEMPCTL\z14\manualoutput |
| Group582 | +Group582 | | | | |
| Group583 | +Group583 | | | | |
| Group584 | +Group584 | | | | |
| Group586 | ++Group586 | 472 | 422 | | |
| Group585 | ++Group585 | 472 | 422 | | |
| Button52 | | 472 | 422 | Button Reset: "OFF" | TEMPCTL\z14\ENABLE_LOOP |
| Button53 | | 504 | 422 | Button Set: "ON" | TEMPCTL\z14\ENABLE_LOOP |
| Group585 | +Group585 | | | | |
| Group586 | +Group586 | | | | |
| Group145 | ++Group145 | 472 | 455 | | |
| Group145 | | 472 | 455 | Group: Visibility Control | secmonpatch > 2 |

| Object Name | Grouping | X | Y | Property | Expression |
|------------------|------------|-----|-----|---------------------------|--|
| Group144 | ++Group144 | 472 | 455 | | |
| Button30 | | 472 | 455 | Button Reset: "MAN" | TEMPCTLz14>SelectLoopAutoMode |
| Button33 | | 504 | 455 | Button Set: "AUTO" | TEMPCTLz14>SelectLoopAutoMode |
| Group144 | +-Group144 | | | | |
| Group145 | +-Group145 | | | | |
| Group402 | ++Group402 | 474 | 357 | | |
| Group363 | ++Group363 | 474 | 357 | | |
| Group362 | ++Group362 | 476 | 364 | | |
| NumericDisplay12 | | 476 | 364 | Numeric Display | TEMPCTLz14\Output |
| Group362 | +-Group362 | | | | |
| Group363 | +-Group363 | | | | |
| Group398 | ++Group398 | 475 | 363 | | |
| Group398 | | 475 | 363 | Group: Color Control | TEMPCTLz14\LoopModeChanging |
| | | | | Group: Visibility Control | TEMPCTLz14\LoopModeChanging |
| StringDisplay24 | | 480 | 364 | String Display | if TEMPCTLz14\LoopModeChanging then "WAIT" else "" |
| Group398 | +-Group398 | | | | |
| Group402 | +-Group402 | | | | |
| Group587 | ++Group587 | | | | |
| Group543 | ++Group543 | 471 | 118 | | |
| Group516 | ++Group516 | 476 | 122 | | |
| Group515 | ++Group515 | 481 | 122 | | |
| StringDisplay71 | | 481 | 122 | String Display | EXT\layout2\btm8_loop1_faceplate_line1 |
| StringDisplay72 | | 481 | 132 | String Display | EXT\layout2\btm8_loop1_faceplate_line2 |
| Group515 | +-Group515 | | | | |
| Group516 | +-Group516 | | | | |
| Group520 | ++Group520 | 471 | 232 | | |
| Group519 | ++Group519 | 471 | 242 | | |
| StringDisplay73 | | 521 | 243 | String Display | if TEMPCTLz14to17TempUnits then "C" else "F" TEMPCTLz14\TEMPERATURE |
| NumericDisplay20 | | 471 | 243 | Numeric Display | |
| Group519 | +-Group519 | | | | |
| Group520 | ++Group520 | | | | |
| Group523 | ++Group523 | 476 | 147 | | |
| Group523 | | 476 | 147 | Group: Color Control | TEMPCTLz14\LoopEnabled |
| Group522 | ++Group522 | 476 | 147 | | |
| StringDisplay74 | | 489 | 147 | String Display | If TEMPCTLz14\LoopEnabled then "ON" else "OFF" |
| Group522 | +-Group522 | | | | |
| Group523 | ++Group523 | | | | |
| Group534 | ++Group534 | 476 | 179 | | |
| Group534 | | 476 | 179 | Group: Color Control | If TEMPCTLz14\SSR then 1 else if TEMPCTLz14\Sv then 2 else if TEMPCTLz14\HI_HI_ALM or TEMPCTLz14\LO_LO_ALM then 3 else if TEMPCTLz14\HI_ALM or TEMPCTLz14\LO_ALM then 4 else if (TEMPCTLz14\LOOPENABLED = 1) && (TEMPCTLz14\temperature > TEMPCTLz14\LO_ALM_LIMIT) AND (TEMPCTLz14\temperature > TEMPCTLz14\LO_ALM_LIMIT) then 5 else 6 |
| StringDisplay75 | | 484 | 181 | String Display | If TEMPCTLz14\SSR then "HEATING" else if TEMPCTLz14\Sv then "COOLING" else if TEMPCTLz14\HI_HI_ALM then "HI-HI" else if TEMPCTLz14\LO_LO_ALM then "LO-LO" else if TEMPCTLz14\HI_ALM then "HI" else if TEMPCTLz14\LO_ALM then "LO" else if TEMPCTLz14\LoopEnabled and (TEMPCTLz14\LO_ALM_LIMIT < TEMPCTLz14\temperature) and (TEMPCTLz14\temperature < TEMPCTLz14\hi_ALM_LIMIT) then "RUNNING" else "" |
| Group534 | ++Group534 | | | | |
| Group539 | ++Group539 | 476 | 195 | | |
| Group539 | | 476 | 195 | Group: Color Control | if TEMPCTLz14\AUTOTUNE_TUNING then 0 else if TEMPCTLz14\AUTOTUNE_COMPLETE then 1 else 2 |
| Group538 | ++Group538 | 476 | 195 | | |
| Group537 | ++Group537 | 476 | 195 | | |
| Group537 | | 476 | 195 | Group: Color Control | if TEMPCTLz14\AUTOTUNE_TUNING then 0 else if TEMPCTLz14\AUTOTUNE_COMPLETE then 1 else 2 |
| Group537 | +-Group537 | | | | |
| Group538 | +-Group538 | | | | |

| Object Name | Grouping | X | Y | Property | Expression |
|------------------|-----------------|-----|-----|------------------------------------|---|
| StringDisplay76 | | 477 | 196 | String Display | if TEMPCTLz14\AUTOTUNE_TUNING then "TUNING" else if TEMPCTLz14\AUTOTUNE_COMPLETE then "COMPLETE" else "" |
| Group539 | +-Group539 | | | | |
| Group542 | ++Group542 | 476 | 211 | | |
| Group542 | | 476 | 211 | Group: Color Control | If TEMPCTLz14\AUTOTUNE_PASSED then 0 else if TEMPCTLz14\AUTOTUNE_COMPLETE then 1 else 2 If TEMPCTLz14\AUTOTUNE_PASSED then "PASSED" else if TEMPCTLz14\AUTOTUNE_COMPLETE then "FAILED" else "" |
| StringDisplay77 | | 481 | 212 | String Display | |
| Group542 | +-Group542 | | | | |
| Group229 | ++Group229 | 476 | 163 | | |
| Group229 | | 476 | 163 | Group: Color Control | TEMPCTLz14\LoopAutoMode |
| Group228 | ++Group228 | 476 | 163 | | |
| StringDisplay14 | | 481 | 163 | String Display | if TEMPCTLz14\LoopAutoMode then "AUTO" else "MANUAL" |
| Group228 | +-Group228 | | | | |
| Group229 | +Group229 | | | | |
| Group543 | +Group543 | | | | |
| Group225 | +Group225 | | | | |
| Group397 | ++Group397 | 535 | 118 | | |
| Group397 | | 535 | 118 | Group: Visibility Control | TEMPCTLz15\DisplayLoop |
| DieZoneBarrel | ++DieZoneBarrel | 536 | 279 | | |
| DieZoneBarrel | | 536 | 279 | Group: Touch Control: Press Action | Display MeltTempPopup /Q4 |
| Group265 | ++Group265 | 536 | 279 | | |
| Group265 | | 536 | 279 | Group: Color Control | If TEMPCTLz15\SSR then 1 else if TEMPCTLz15\Sv then 2 else if TEMPCTLz15\HI_HI_ALM or TEMPCTLz15\LO_LO_ALM then 3 else if TEMPCTLz15\HI_ALM or TEMPCTLz15\LO_ALM then 4 else if (TEMPCTLz15\LOOPENABLED and (TEMPCTLz15\LO_ALM_LIMIT < TEMPCTLz15\temperature) and (TEMPCTLz15\temperature < TEMPCTLz15\hi_ALM_LIMIT)) then 5 else 6 |
| Group265 | | | | Group: Visibility Control | TEMPCTLz15\LoopEnabled |
| Group265 | +-Group265 | | | | |
| DieZoneBarrel | +DieZoneBarrel | | | | |
| Group598 | ++Group598 | 536 | 324 | | |
| Group591 | ++Group591 | 538 | 324 | | |
| Group590 | ++Group590 | 541 | 327 | | |
| Group589 | ++Group589 | 541 | 327 | | |
| NumericInput35 | | 541 | 327 | Numeric Input | TEMPCTLz15\RUN_SETPOINT |
| StringDisplay47 | | 586 | 328 | String Display | if TEMPCTLz14to17TempUnits then "C" else "F" |
| Group589 | +-Group589 | | | | |
| Group590 | +-Group590 | | | | |
| Group591 | +-Group591 | | | | |
| Group595 | ++Group595 | 538 | 390 | | |
| Group595 | | 538 | 390 | Group: Visibility Control | secmonpatch > 2 |
| Group594 | ++Group594 | 541 | 395 | | |
| Group593 | ++Group593 | 541 | 395 | | |
| NumericInput36 | | 541 | 395 | Numeric Input | TEMPCTLz15\manualoutput |
| Group593 | +-Group593 | | | | |
| Group594 | +-Group594 | | | | |
| Group595 | +-Group595 | | | | |
| Group597 | ++Group597 | 536 | 422 | | |
| Group596 | ++Group596 | 536 | 422 | | |
| Button55 | | 536 | 422 | Button Reset: "OFF" | TEMPCTLz15\ENABLE_LOOP |
| Button56 | | 568 | 422 | Button Set: "ON" | TEMPCTLz15\ENABLE_LOOP |
| Group596 | +-Group596 | | | | |
| Group597 | +-Group597 | | | | |
| Group183 | ++Group183 | 536 | 455 | | |
| Group183 | | 536 | 455 | Group: Visibility Control | secmonpatch > 2 |
| Group146 | ++Group146 | 536 | 455 | | |
| Button36 | | 536 | 455 | Button Reset: "MAN" | TEMPCTLz15\SelectLoopAutoMode |
| Button37 | | 568 | 455 | Button Set: "AUTO" | TEMPCTLz15\SelectLoopAutoMode |
| Group146 | +-Group146 | | | | |
| Group183 | +-Group183 | | | | |
| Group664 | ++Group664 | 538 | 357 | | |
| Group506 | ++Group506 | 538 | 357 | | |
| Group505 | ++Group505 | 540 | 364 | | |
| NumericDisplay13 | | 540 | 364 | Numeric Display | TEMPCTLz15\Output |
| Group505 | +-Group505 | | | | |
| Group506 | +-Group506 | | | | |
| Group663 | ++Group663 | 539 | 363 | | |
| Group663 | | 539 | 363 | Group: Visibility Control | TEMPCTLz15\LoopModeChanging |

| Object Name | Grouping | X | Y | Property | Expression |
|------------------|------------|-----|-----|--|--|
| StringDisplay25 | | 544 | 364 | Group: Color Control String Display | TEMPCTLz15\LoopModeChanging if TEMPCTLz15\LoopModeChanging then "WAIT" else "" |
| Group663 | +-Group663 | | | | |
| Group664 | +-Group664 | | | | |
| Group598 | +-Group598 | | | | |
| Group564 | ++Group564 | 535 | 118 | | |
| Group546 | ++Group546 | 540 | 122 | | |
| Group545 | ++Group545 | 545 | 122 | | |
| StringDisplay78 | | 545 | 122 | String Display | EXT\layout2\btm8_loop2_faceplate_line1 |
| StringDisplay79 | | 545 | 132 | String Display | EXT\layout2\btm8_loop2_faceplate_line2 |
| Group545 | +-Group545 | | | | |
| Group546 | +-Group546 | | | | |
| Group550 | ++Group550 | 535 | 232 | | |
| Group549 | ++Group549 | 535 | 242 | | |
| StringDisplay80 | | 585 | 243 | String Display | if TEMPCTLZ14to17TempUnits then "C" else "F" TEMPCTLz15\TEMPERATURE |
| NumericDisplay21 | | 535 | 243 | Numeric Display | |
| Group549 | +-Group549 | | | | |
| Group550 | +Group550 | | | | |
| Group553 | ++Group553 | 540 | 147 | | |
| Group553 | | 540 | 147 | Group: Color Control | TEMPCTLz15\LoopEnabled |
| Group552 | ++Group552 | 540 | 147 | | |
| StringDisplay81 | | 553 | 147 | String Display | If TEMPCTLz15\LoopEnabled then "ON" else "OFF" |
| Group552 | +-Group552 | | | | |
| Group553 | +-Group553 | | | | |
| Group555 | ++Group555 | 540 | 179 | | |
| Group555 | | 540 | 179 | Group: Color Control | If TEMPCTLz15\SSR then 1 else if TEMPCTLz15\Sv then 2 else if TEMPCTLz15\HI_HI_ALM or TEMPCTLz15\LO_LO_ALM then 3 else if TEMPCTLz15\HI_ALM or TEMPCTLz15\LO_ALM then 4 else if (TEMPCTLz15\LOOPENABLED = 1) && (TEMPCTLz15\temperature > TEMPCTLz15\LO_ALM_LIMIT) AND (TEMPCTLz15\temperature > TEMPCTLz15\LO_ALM_LIMIT) then 5 else 6 |
| StringDisplay82 | | 548 | 181 | String Display | If TEMPCTLz15\SSR then "HEATING" else if TEMPCTLz15\Sv then "COOLING" else if TEMPCTLz15\HI_HI_ALM then "HI-HI" else if TEMPCTLz15\LO_LO_ALM then "LO-LO" else if TEMPCTLz15\HI_ALM then "HI" else if TEMPCTLz15\LO_ALM then "LO" else if TEMPCTLz15\LoopEnabled and (TEMPCTLz15\LO_ALM_LIMIT < TEMPCTLz15\temperature) and (TEMPCTLz15\temperature < TEMPCTLz15\hi_ALM_LIMIT) then "RUNNING" else "" |
| Group555 | +-Group555 | | | | |
| Group560 | ++Group560 | 540 | 195 | | |
| Group560 | | 540 | 195 | Group: Color Control | if TEMPCTLz15\AUTOTUNE_TUNING then 0 else if TEMPCTLz15\AUTOTUNE_COMPLETE then 1 else 2 |
| Group559 | ++Group559 | 540 | 195 | | |
| Group558 | ++Group558 | 540 | 195 | | |
| Group558 | | 540 | 195 | Group: Color Control | if TEMPCTLz15\AUTOTUNE_TUNING then 0 else if TEMPCTLz15\AUTOTUNE_COMPLETE then 1 else 2 |
| Group558 | +-Group558 | | | | |
| Group559 | +-Group559 | | | | |
| StringDisplay83 | | 541 | 196 | String Display | if TEMPCTLz15\AUTOTUNE_TUNING then "TUNING" else if TEMPCTLz15\AUTOTUNE_COMPLETE then "COMPLETE" else "" |
| Group560 | +-Group560 | | | | |
| Group563 | ++Group563 | 540 | 211 | | |
| Group563 | | 540 | 211 | Group: Color Control | If TEMPCTLz15\AUTOTUNE_PASSED then 0 else if TEMPCTLz15\AUTOTUNE_COMPLETE then 1 else 2 If TEMPCTLz15\AUTOTUNE_PASSED then "PASSED" else if TEMPCTLz15\AUTOTUNE_COMPLETE then "FAILED" else "" |
| StringDisplay84 | | 545 | 212 | String Display | |
| Group563 | +-Group563 | | | | |

| Object Name | Grouping | X | Y | Property | Expression |
|------------------|------------|-----|-----|---|--|
| Group245 | ++Group245 | 540 | 163 | | |
| Group245 | | 540 | 163 | Group: Color Control | TEMPCTLz15\LoopAutoMode |
| Group244 | ++Group244 | 540 | 163 | | |
| StringDisplay18 | | 545 | 163 | String Display | if TEMPCTLz15\LoopAutoMode then "AUTO" else "MANUAL" |
| Group244 | +-Group244 | | | | |
| Group245 | ++Group245 | | | | |
| Group564 | ++Group564 | | | | |
| Group397 | ++Group397 | | | | |
| Group309 | ++Group309 | 599 | 118 | | |
| Group309 | | 599 | 118 | Group: Visibility Control | TEMPCTLz16\DisplayLoop |
| Group308 | ++Group308 | 600 | 279 | | |
| Group307 | ++Group307 | 600 | 279 | | |
| Group307 | | 600 | 279 | Group: Color Control | If TEMPCTLz16\SSR then 1 else if TEMPCTLz16\Sv then 2 else if TEMPCTLz16\HI_HI_ALM or TEMPCTLz16\LO_LO_ALM then 3 else if TEMPCTLz16\HI_ALM or TEMPCTLz16\LO_ALM then 4 else if (TEMPCTLz16\LOOPENABLED and (TEMPCTLz16\LO_ALM_LIMIT < TEMPCTLz16\temperature) and (TEMPCTLz16\temperature < TEMPCTLz16\hi_ALM_LIMIT)) then 5 else 6 |
| | | | | Group: Visibility Control | TEMPCTLz16\LoopEnabled |
| Group307 | +-Group307 | | | | |
| Group308 | ++Group308 | | | | |
| Group609 | ++Group609 | 600 | 324 | | |
| Group602 | ++Group602 | 602 | 324 | | |
| Group601 | ++Group601 | 605 | 327 | | |
| Group600 | ++Group600 | 605 | 327 | | |
| NumericInput37 | | 605 | 327 | Numeric Input | TEMPCTLz16\RUN_SETPOINT |
| StringDisplay48 | | 649 | 328 | String Display | if TEMPCTLz14to17TempUnits then "C" else "F" |
| Group600 | +-Group600 | | | | |
| Group601 | +-Group601 | | | | |
| Group602 | ++Group602 | | | | |
| Group606 | ++Group606 | 602 | 390 | | |
| Group606 | | 602 | 390 | Group: Visibility Control | secmonpatch > 2 |
| Group605 | ++Group605 | 605 | 395 | | |
| Group604 | ++Group604 | 605 | 395 | | |
| NumericInput38 | | 605 | 395 | Numeric Input | TEMPCTLz16>manualoutput |
| Group604 | +-Group604 | | | | |
| Group605 | +-Group605 | | | | |
| Group606 | ++Group606 | | | | |
| Group608 | ++Group608 | 600 | 422 | | |
| Group607 | ++Group607 | 600 | 422 | | |
| Button58 | | 600 | 422 | Button Reset: "OFF" | TEMPCTLz16\ENABLE_LOOP |
| Button59 | | 631 | 422 | Button Set: "ON" | TEMPCTLz16\ENABLE_LOOP |
| Group607 | +-Group607 | | | | |
| Group608 | ++Group608 | | | | |
| Group186 | ++Group186 | 600 | 455 | | |
| Group186 | | 600 | 455 | Group: Visibility Control | secmonpatch > 2 |
| Group185 | ++Group185 | 600 | 455 | | |
| Button38 | | 600 | 455 | Button Reset: "MAN" | TEMPCTLz16>SelectLoopAutoMode |
| Button39 | | 631 | 455 | Button Toggle: "AUTO" | TEMPCTLz16>SelectLoopAutoMode |
| | | | | Button Toggle: "AUTO": Touch Control: Press Action | Toggle TEMPCTLz16>SelectLoopAutoMode |
| Group185 | +-Group185 | | | | |
| Group186 | +-Group186 | | | | |
| Group678 | ++Group678 | 602 | 357 | | |
| Group674 | ++Group674 | 602 | 357 | | |
| Group673 | ++Group673 | 604 | 364 | | |
| NumericDisplay15 | | 604 | 364 | Numeric Display | TEMPCTLz16\Output |
| Group673 | +-Group673 | | | | |
| Group674 | +-Group674 | | | | |
| Group677 | ++Group677 | 603 | 363 | | |
| Group677 | | 603 | 363 | Group: Color Control Group: Visibility Control | TEMPCTLz16\LoopModeChanging TEMPCTLz16\LoopModeChanging |
| StringDisplay31 | | 608 | 364 | String Display | if TEMPCTLz16\LoopModeChanging then "WAIT" else "" |
| Group677 | +-Group677 | | | | |
| Group678 | ++Group678 | | | | |
| Group609 | ++Group609 | | | | |
| Group629 | ++Group629 | 599 | 118 | | |
| Group567 | ++Group567 | 604 | 122 | | |
| Group566 | ++Group566 | 609 | 122 | | |
| StringDisplay85 | | 609 | 122 | String Display | EXT\layout2\btn8_loop3_faceplate_line1 |
| StringDisplay86 | | 609 | 132 | String Display | EXT\layout2\btn8_loop3_faceplate_line2 |
| Group566 | +-Group566 | | | | |
| Group567 | ++Group567 | | | | |
| Group571 | ++Group571 | 599 | 232 | | |
| Group570 | ++Group570 | 599 | 242 | | |

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|--------------------|----------|----------|---------------------------|--|
| StringDisplay87 | | 649 | 243 | String Display | if TEMPCTLz14to17TempUnits then "C" else "F" |
| NumericDisplay25 | | 599 | 243 | Numeric Display | TEMPCTLz16\TEMPERATURE |
| Group570 | +-Group570 | | | | |
| Group571 | +-Group571 | | | | |
| Group574 | ++Group574 | 604 | 147 | | |
| Group574 | | 604 | 147 | Group: Color Control | TEMPCTLz16\LoopEnabled |
| Group573 | ++Group573 | 604 | 147 | | |
| StringDisplay88 | | 617 | 147 | String Display | If TEMPCTLz16\LoopEnabled then "ON" else "OFF" |
| Group573 | +-Group573 | | | | |
| Group574 | +-Group574 | | | | |
| Group576 | ++Group576 | 604 | 179 | | |
| Group576 | | 604 | 179 | Group: Color Control | If TEMPCTLz16\SSR then 1 else if TEMPCTLz16\Sv then 2 else if TEMPCTLz16\HI_HI_ALM or TEMPCTLz16\LO_LO_ALM then 3 else if TEMPCTLz16\HI_ALM or TEMPCTLz16\LO_ALM then 4 else if (TEMPCTLz16\LOOPENABLED = 1) && (TEMPCTLz16\temperature > TEMPCTLz16\LO_ALM_LIMIT) AND (TEMPCTLz16\temperature > TEMPCTLz16\LO_ALM_LIMIT) then 5 else 6 |
| StringDisplay89 | | 612 | 181 | String Display | If TEMPCTLz16\SSR then "HEATING" else if TEMPCTLz16\Sv then "COOLING" else if TEMPCTLz16\HI_HI_ALM then "HI-HI" else if TEMPCTLz16\LO_LO_ALM then "LO-LO" else if TEMPCTLz16\HI_ALM then "HI" else if TEMPCTLz16\LO_ALM then "LO" else if TEMPCTLz16\LoopEnabled and (TEMPCTLz16\LO_ALM_LIMIT < TEMPCTLz16\temperature) and (TEMPCTLz16\temperature < TEMPCTLz16\hi_ALM_LIMIT) then "RUNNING" else "" |
| Group576 | +-Group576 | | | | |
| Group625 | ++Group625 | 604 | 195 | | |
| Group625 | | 604 | 195 | Group: Color Control | if TEMPCTLz16\AUTOTUNE_TUNING then 0 else if TEMPCTLz16\AUTOTUNE_COMPLETE then 1 else 2 |
| Group624 | ++Group624 | 604 | 195 | | |
| Group623 | ++Group623 | 604 | 195 | | |
| Group623 | | 604 | 195 | Group: Color Control | if TEMPCTLz16\AUTOTUNE_TUNING then 0 else if TEMPCTLz16\AUTOTUNE_COMPLETE then 1 else 2 |
| Group623 | +-Group623 | | | | |
| Group624 | +-Group624 | | | | |
| StringDisplay90 | | 605 | 196 | String Display | if TEMPCTLz16\AUTOTUNE_TUNING then "TUNING" else if TEMPCTLz16\AUTOTUNE_COMPLETE then "COMPLETE" else "" |
| Group625 | +-Group625 | | | | |
| Group628 | ++Group628 | 604 | 211 | | |
| Group628 | | 604 | 211 | Group: Color Control | If TEMPCTLz16\AUTOTUNE_PASSED then 0 else if TEMPCTLz16\AUTOTUNE_COMPLETE then 1 else 2 If TEMPCTLz16\AUTOTUNE_PASSED then "PASSED" else if TEMPCTLz16\AUTOTUNE_COMPLETE then "FAILED" else "" |
| StringDisplay91 | | 609 | 212 | String Display | If TEMPCTLz16\AUTOTUNE_PASSED then "PASSED" else if TEMPCTLz16\AUTOTUNE_COMPLETE then "FAILED" else "" |
| Group628 | +-Group628 | | | | |
| Group248 | ++Group248 | 604 | 163 | | |
| Group248 | | 604 | 163 | Group: Color Control | TEMPCTLz16\LoopAutoMode |
| Group247 | ++Group247 | 604 | 163 | | |
| StringDisplay19 | | 609 | 163 | String Display | if TEMPCTLz16\LoopAutoMode then "AUTO" else "MANUAL" |
| Group247 | +-Group247 | | | | |
| Group248 | +-Group248 | | | | |
| Group629 | +-Group629 | | | | |
| Group309 | +-Group309 | | | | |
| Group351 | ++Group351 | 663 | 118 | | |
| Group351 | | 663 | 118 | Group: Visibility Control | TEMPCTLz17\DisplayLoop |
| MeltTempandPress | ++MeltTempandPress | 664 | 279 | | |
| Group349 | ++Group349 | 664 | 279 | | |

| Object Name | Grouping | X | Y | Property | Expression |
|------------------|----------|-----|-----|---|--|
| Group349 | | 664 | 279 | Group: Color Control | If TEMPCTLz17\SSR then 1 else if TEMPCTLz17\Sv then 2 else if TEMPCTLz17\HI_HI_ALM or TEMPCTLz17\LO_LO_ALM then 3 else if TEMPCTLz17\HI_ALM or TEMPCTLz17\LO_ALM then 4 else if (TEMPCTLz17\LOOPENABLED and (TEMPCTLz17\LO_ALM_LIMIT < TEMPCTLz17\temperature) and (TEMPCTLz17\temperature < TEMPCTLz17\hi_ALM_LIMIT)) then 5 else 6 |
| Group349 | | | | Group: Visibility Control | TEMPCTLz17\LoopEnabled |
| MeltTempandPress | | | | | |
| Group620 | | 664 | 324 | | |
| Group613 | | 666 | 324 | | |
| Group612 | | 669 | 327 | | |
| Group611 | | 669 | 327 | | |
| NumericInput39 | | 669 | 327 | Numeric Input | TEMPCTLz17\RUN_SETPOINT |
| StringDisplay49 | | 714 | 328 | String Display | if TEMPCTLZ14to17TempUnits then "C" else "F" |
| Group611 | | | | | |
| Group612 | | | | | |
| Group613 | | | | | |
| Group617 | | 665 | 390 | | |
| Group617 | | 665 | 390 | Group: Visibility Control | secmonpatch > 2 |
| Group616 | | 668 | 395 | | |
| Group615 | | 668 | 395 | | |
| NumericInput40 | | 668 | 395 | Numeric Input | TEMPCTLz17>manualoutput |
| Group615 | | | | | |
| Group616 | | | | | |
| Group617 | | | | | |
| Group619 | | 664 | 422 | | |
| Group618 | | 664 | 422 | | |
| Button61 | | 664 | 422 | Button Reset: "OFF" | TEMPCTLz17\ENABLE_LOOP |
| Button62 | | 696 | 422 | Button Set: "ON" | TEMPCTLz17\ENABLE_LOOP |
| Group618 | | | | | |
| Group619 | | | | | |
| Group189 | | 664 | 455 | | |
| Group189 | | 664 | 455 | Group: Visibility Control | secmonpatch > 2 |
| Group188 | | 664 | 455 | | |
| Button40 | | 664 | 455 | Button Reset: "MAN" | TEMPCTLz17>SelectLoopAutoMode |
| Button41 | | 696 | 455 | Button Set: "AUTO" | TEMPCTLz17>SelectLoopAutoMode |
| Group188 | | | | | |
| Group189 | | | | | |
| Group671 | | 666 | 357 | | |
| Group667 | | 666 | 357 | | |
| Group666 | | 668 | 364 | | |
| NumericDisplay14 | | 668 | 364 | Numeric Display | TEMPCTLz17\Output |
| Group666 | | | | | |
| Group667 | | | | | |
| Group670 | | 667 | 363 | | |
| Group670 | | 667 | 363 | Group: Visibility Control Group: Color Control | TEMPCTLz17\LoopModeChanging TEMPCTLz17\LoopModeChanging if TEMPCTLz17\LoopModeChanging then "WAIT" else "" |
| StringDisplay30 | | 672 | 364 | String Display | |
| Group670 | | | | | |
| Group671 | | | | | |
| Group620 | | | | | |
| Group659 | | 663 | 118 | | |
| Group641 | | 668 | 122 | | |
| Group640 | | 673 | 122 | | |
| StringDisplay92 | | 673 | 122 | String Display | EXT\layout2\btm8_loop4_faceplate_line1 |
| StringDisplay93 | | 673 | 132 | String Display | EXT\layout2\btm8_loop4_faceplate_line2 |
| Group640 | | | | | |
| Group641 | | | | | |
| Group645 | | 663 | 232 | | |
| Group644 | | 663 | 242 | | |
| StringDisplay94 | | 713 | 243 | String Display | if TEMPCTLZ14to17TempUnits then "C" else "F" TEMPCTLz17\TEMPERATURE |
| NumericDisplay26 | | 663 | 243 | Numeric Display | |
| Group644 | | | | | |
| Group645 | | | | | |
| Group648 | | 668 | 147 | | |
| Group648 | | 668 | 147 | Group: Color Control | TEMPCTLz17\LoopEnabled |
| Group647 | | 668 | 147 | | |
| StringDisplay95 | | 681 | 147 | String Display | If TEMPCTLz17\LoopEnabled then "ON" else "OFF" |
| Group647 | | | | | |
| Group648 | | | | | |
| Group650 | | 668 | 179 | | |

| Object Name | Grouping | X | Y | Property | Expression |
|---|---|--------------------------|--------------------------|---|--|
| Group650 | | 668 | 179 | Group: Color Control | If TEMPCTLz17\SSR then 1 else if TEMPCTLz17\Sv then 2 else if TEMPCTLz17\HI_HI_ALM or TEMPCTLz17\LO_LO_ALM then 3 else if TEMPCTLz17\HI_ALM or TEMPCTLz17\LO_ALM then 4 else if (TEMPCTLz17\LOOPENABLED = 1) && (TEMPCTLz17\temperature > TEMPCTLz17\LO_ALM_LIMIT) AND (TEMPCTLz17\temperature > TEMPCTLz17\LO_ALM_LIMIT) then 5 else 6 |
| StringDisplay96 | | 676 | 181 | String Display | If TEMPCTLz17\SSR then "HEATING" else if TEMPCTLz17\Sv then "COOLING" else if TEMPCTLz17\HI_HI_ALM then "HI-HI" else if TEMPCTLz17\LO_LO_ALM then "LO-LO" else if TEMPCTLz17\HI_ALM then "HI" else if TEMPCTLz17\LO_ALM then "LO" else if TEMPCTLz17\LoopEnabled and (TEMPCTLz17\LO_ALM_LIMIT < TEMPCTLz17\temperature) and (TEMPCTLz17\temperature < TEMPCTLz17\hi_ALM_LIMIT) then "RUNNING" else "" |
| Group650 Group655 Group655 | +-Group650 ++Group655 | 668 668 | 195 195 | Group: Color Control | if TEMPCTLz17\AUTOTUNE_TUNING then 0 else if TEMPCTLz17\AUTOTUNE_COMPLETE then 1 else 2 |
| Group654 Group653 Group653 | ++Group654 ++Group653 | 668 668 668 | 195 195 195 | Group: Color Control | if TEMPCTLz17\AUTOTUNE_TUNING then 0 else if TEMPCTLz17\AUTOTUNE_COMPLETE then 1 else 2 |
| Group653 Group654 StringDisplay97 | +-Group653 +-Group654 | 669 | 196 | String Display | if TEMPCTLz17\AUTOTUNE_TUNING then "TUNING" else if TEMPCTLz17\AUTOTUNE_COMPLETE then "COMPLETE" else "" |
| Group655 Group658 Group658 | +-Group655 ++Group658 | 668 668 | 211 211 | Group: Color Control | If TEMPCTLz17\AUTOTUNE_PASSED then 0 else if TEMPCTLz17\AUTOTUNE_COMPLETE then 1 else 2 |
| StringDisplay98 | | 673 | 212 | String Display | If TEMPCTLz17\AUTOTUNE_PASSED then "PASSED" else if TEMPCTLz17\AUTOTUNE_COMPLETE then "FAILED" else "" |
| Group658 Group270 Group270 Group268 StringDisplay20 | +-Group658 ++Group270 ++Group268 | 668 668 668 668 | 163 163 163 163 | Group: Color Control String Display | TEMPCTLz17\LoopAutoMode if TEMPCTLz17\LoopAutoMode then "AUTO" else "MANUAL" |
| Group268 Group270 Group659 Group351 Group37 Group37 DisplayZone14PB | +-Group268 +Group270 +Group659 +Group351 ++Group37 | 471 471 471 | 484 484 484 | Group: Visibility Control Button Toggle: "SHOW ZONE" Button Toggle: "SHOW ZONE": Touch Control: Press Action Button Toggle: "SHOW ZONE" Button Toggle: "SHOW ZONE": Touch Control: Press Action Button Toggle: "SHOW ZONE" Button Toggle: "SHOW ZONE": Touch Control: Press Action Button Toggle: "SHOW ZONE" Button Toggle: "SHOW ZONE": Touch Control: Press Action | SETUP\Z14T017 TEMPCTLz14\DisplayLoop Toggle TEMPCTLz14\DisplayLoop Toggle TEMPCTLz15\DisplayLoop Toggle TEMPCTLz15\DisplayLoop Toggle TEMPCTLz16\DisplayLoop Toggle TEMPCTLz16\DisplayLoop Toggle TEMPCTLz17\DisplayLoop Toggle TEMPCTLz17\DisplayLoop |
| Button43 | | 535 | 484 | Button Toggle: "SHOW ZONE" | TEMPCTLz15\DisplayLoop |
| Button44 | | 599 | 484 | Button Toggle: "SHOW ZONE" | TEMPCTLz16\DisplayLoop |
| Button45 | | 663 | 484 | Button Toggle: "SHOW ZONE" | TEMPCTLz17\DisplayLoop |
| Group37 | +-Group37 | | | Button Toggle: "SHOW ZONE": Touch Control: Press Action | Toggle TEMPCTLz17\DisplayLoop |

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|------------------|----------|----------|---|--|
| Group352 | +-Group352 | | | | |
| Group192 | ++Group192 | 117 | 510 | | |
| SideFeederInd | ++SideFeederInd | 278 | 561 | | |
| SideFeederInd | | 278 | 561 | Group: Touch Control: Release Action Group: Visibility Control | Display Side Feeders SETUP\ZSFE |
| Group5 | ++Group5 | 278 | 561 | | |
| Group632 | ++Group632 | 300 | 582 | | |
| Rectangle | | 300 | 582 | Rectangle: Color Control | If SIDEFDR\RUNNING Then 0 Else If (SIDEFDR\AGIT_FLT Or SIDEFDR\DRV_FLT) Then 1 Else 2 If SIDEFDR\RUNNING Then "RUNNING" Else If SIDEFDR\DRV_FLT Then "DRIVE FAULT" Else If SIDEFDR\AGIT_FLT Then "AGIT. FAULT" Else "" |
| StringDisplay50 | | 302 | 585 | String Display | |
| Group632 | +-Group632 | | | | |
| Group5 | ++Group5 | | | | |
| SideFeederInd | ++SideFeederInd | | | | |
| LubePumpInd | ++LubePumpInd | 278 | 510 | | |
| LubePumpInd | | 278 | 510 | Group: Touch Control: Release Action Group: Visibility Control | Display AuxControl SETUP\LUBE_MTR |
| Group45 | ++Group45 | 287 | 535 | | |
| Rectangle | | 287 | 536 | Rectangle: Color Control | if LUBE\LOW_PRESS Or LUBE\SYS_FILTER then 2 else If LUBE\RUNNING Then 3 Else If LUBE\TRIPPED then 1 Else 0 If LUBE\LOW_PRESS Then "LOW PRESSURE" Else If LUBE\SYS_FILTER Then "DIRTY FILTER" Else "" If LUBE\RUNNING Then "RUNNING" Else If LUBE\TRIPPED Then "PUMP TRIPPED" else "" |
| StringDisplay8 | | 299 | 545 | String Display | |
| StringDisplay9 | | 300 | 535 | String Display | |
| Group45 | ++Group45 | | | | |
| LubePumpInd | ++LubePumpInd | | | | |
| VacuumPumpInd | ++VacuumPumpInd | 117 | 561 | | |
| VacuumPumpInd | | 117 | 561 | Group: Touch Control: Release Action Group: Visibility Control | Display AuxControl SETUP\VACUUM_MTR |
| Group168 | ++Group168 | 125 | 583 | | |
| Rectangle | | 125 | 583 | Rectangle: Color Control | If VAC\RUNNING Then 0 Else If VAC\TRIPPED Then 1 Else 2 If VAC\RUNNING Then "RUNNING" Else If VAC\TRIPPED Then "PUMP TRIPPED" Else "" |
| StringDisplay12 | | 141 | 583 | String Display | |
| Group168 | ++Group168 | | | | |
| VacuumPumpInd | ++VacuumPumpInd | | | | |
| BlowerInd | ++BlowerInd | 117 | 510 | | |
| BlowerInd | | 117 | 510 | Group: Touch Control: Release Action Group: Visibility Control | Display AuxControl SETUP\BLOWER |
| Group227 | ++Group227 | 125 | 533 | | |
| Rectangle | | 125 | 533 | Rectangle: Color Control | If BLWR\LOW_PRESS Then 2 Else If BLWR\RUNNING Then 0 Else If BLWR\TRIPPED Then 1 Else 3 If BLWR\RUNNING Then "RUNNING" Else If BLWR\TRIPPED Then "BLOWER TRIPPED" Else "" If BLWR\LOW_PRESS Then "LOW PRESSURE" Else "" |
| StringDisplay26 | | 141 | 534 | String Display | |
| StringDisplay27 | | 141 | 545 | String Display | |
| Group227 | ++Group227 | | | | |
| BlowerInd | ++BlowerInd | | | | |
| TCUInd | ++TCUInd | 439 | 510 | | |
| TCUInd | | 439 | 510 | Group: Touch Control: Release Action Group: Visibility Control | Display AuxControl SETUP\TCU_BCU_MTR |
| Group13 | ++Group13 | 447 | 532 | | |
| Rectangle | | 447 | 532 | Rectangle: Color Control | if TCU\LOW_PRESS then 2 else If TCU\RUNNING then 0 else if TCU\TRIPPED or STATUS\TEMP\BCU_TCU_TMP_ALM then 1 Else 3 If TCU\RUNNING Then "RUNNING" Else If TCU\TRIPPED Then "TCU TRIPPED" Else "" If TCU\LOW_PRESS Then "LOW PRESSURE" else if STATUS\TEMP\BCU_TCU_TMP_ALM then "HI TEMPERATURE" else "" |
| StringDisplay3 | | 462 | 534 | String Display | |
| StringDisplay28 | | 462 | 544 | String Display | |
| Group13 | ++Group13 | | | | |
| TCUInd | ++TCUInd | | | | |
| SideFeeder2Ind | ++SideFeeder2Ind | 439 | 561 | | |
| SideFeeder2Ind | | 439 | 561 | Group: Visibility Control Group: Touch Control: Release Action | SETUP\ZSFE Display Side Feeders |
| Group637 | ++Group637 | 439 | 561 | | |
| Group636 | ++Group636 | 461 | 582 | | |

| Object Name | Grouping | X | Y | Property | Expression |
|--|--|-----|---|--|--|
| Rectangle | | 461 | 582 | Rectangle: Color Control | If SIDEFDR\RUNNING Then 0 Else If (SIDEFDR\AGIT_FLT Or SIDEFDR\DRV_FLT) Then 1 Else 2 If SIDEFDR2\RUNNING Then "RUNNING" Else If SIDEFDR2\DRV_FLT Then "DRIVE FAULT" Else If SIDEFDR2\AGIT_FLT Then "AGIT. FAULT" Else "" |
| StringDisplay51 | | 463 | 585 | String Display | |
| Group636 Group637 SideFeeder2Ind Group192 Button5 | +-Group636 +-Group637 +-SideFeeder2Ind +-Group192 | 676 | 538 | Button: "SYSTEM STATUS": Touch Control: Release Action | display System Status Index |
| Button17 | | 737 | 538 | Button: "TEMP CONTROL": Touch Control: Release Action | Display TempControlMenu |
| Button4 | | 737 | 476 | Button: "MAIN CONTROL": Touch Control: Release Action Button: "MAIN CONTROL": Visibility Control | Display MainControl secmonpatch >1 |
| Button6 | | 614 | 538 | Button: "MAIN MENU": Touch Control: Release Action | set initest 0; set initest 1; display mainmenu |
| Button12 | | -4 | 382 | Button Momentary On: "ALARM SILENCE " Button Momentary On: "ALARM SILENCE " ": Visibility Control Button Momentary On: "ALARM SILENCE " ": Color Control | ALM_SILENCE SecMon\Word > 65533 ALM_SILENCE |
| Group482 Group482 Button1 | ++Group482 | 737 | 415 | Group: Visibility Control Button: "AUX CONTROL": Touch Control: Release Action | secmonpatch>1 Display AuxControl |
| Button16 | | 737 | 415 | Button: "AUX SYSTEMS": Visibility Control Button: "AUX SYSTEMS": Touch Control: Release Action | (SETUP\ZSFE) or setup\zsf2 AND (secmonpatch > 1) Display Aux Systems Index |
| Group482 Group531 Group530 NumericDisplay1 StringDisplay33 | +-Group482 ++Group531 ++Group530 | 733 | 321 733 359 733 368 783 368 | Numeric Display String Display | STATUS\TEMP\MELT_TEMPERATURE if StatusTemp\MeltTempUnitsStatus then "F" else "C" |
| Group530 Group531 Group182 Group182 Group97 Group97 Group356 Group353 Group70 StringDisplay5 StringDisplay6 Group70 Group353 Group355 Group41 StringDisplay15 | +-Group530 +-Group531 ++Group182 ++Group97 ++Group356 ++Group353 ++Group70 +-Group70 +-Group353 ++Group355 ++Group41 | 215 | 118 118 118 118 118 118 122 122 225 122 132 215 232 215 242 265 243 | Group: Visibility Control Group: Visibility Control String Display String Display | SETUP\Z10to13 TEMPCTL\z10\DisplayLoop EXT\layout2\btm7_loop1_faceplate_line1 EXT\layout2\btm7_loop1_faceplate_line2 |
| NumericDisplay11 Group41 Group355 Group43 Group43 Group46 StringDisplay34 | +-Group41 +-Group355 ++Group43 ++Group46 | 215 | 243 220 147 147 147 233 147 | Numeric Display Group: Color Control String Display | TEMPCTL\z10\TEMPERATURE TEMPCTL\z10\LOOPENABLED If TEMPCTL\z10\LoopEnabled then "ON" else "OFF" |
| Group46 Group43 Group35 | +-Group46 +Group43 ++Group35 | 220 | 179 | | |

| Object Name | Grouping | X | Y | Property | Expression |
|--|--|--------------------------|--------------------------|--|--|
| Group35 | | 220 | 179 | Group: Color Control | If TEMPCTLz10\SSR then 1 else if TEMPCTLz10\Sv then 2 else if TEMPCTLz10\HI_HI_ALM or TEMPCTLz10\LO_LO_ALM then 3 else if TEMPCTLz10\HI_ALM or TEMPCTLz10\LO_ALM then 4 else if (TEMPCTLz10\LOOPENABLED = 1) && (TEMPCTLz10\temperature > TEMPCTLz10\LO_ALM_LIMIT) AND (TEMPCTLz10\temperature > TEMPCTLz10\LO_ALM_LIMIT) then 5 else 6 |
| StringDisplay4 | | 228 | 181 | String Display | If TEMPCTLz10\SSR then "HEATING" else if TEMPCTLz10\Sv then "COOLING" else if TEMPCTLz10\HI_HI_ALM then "HI-HI" else if TEMPCTLz10\LO_LO_ALM then "LO-LO" else if TEMPCTLz10\HI_ALM then "HI" else if TEMPCTLz10\LO_ALM then "LO" else if TEMPCTLz10\LOOPENABLED and (TEMPCTLz10\LO_ALM_LIMIT < TEMPCTLz10\temperature) and (TEMPCTLz10\temperature < TEMPCTLz10\hi_ALM_LIMIT) then "RUNNING" else "" |
| Group35 Group50 Group50 | +-Group35 ++Group50 | 220 220 | 195 195 | Group: Color Control | if TEMPCTLz10\AUTOTUNE_TUNING then 0 else if TEMPCTLz10\AUTOTUNE_COMPLETE then 1 else 2 |
| Group47 Group116 Group116 | ++Group47 ++Group116 | 220 220 220 | 195 195 195 | Group: Color Control | if TEMPCTLz10\AUTOTUNE_TUNING then 0 else if TEMPCTLz10\AUTOTUNE_COMPLETE then 1 else 2 |
| Group116 Group47 StringDisplay11 | +-Group116 +-Group47 | 221 | 196 | String Display | if TEMPCTLz10\AUTOTUNE_TUNING then "TUNING" else if TEMPCTLz10\AUTOTUNE_COMPLETE then "COMPLETE" else "" |
| Group50 Group193 Group193 | +-Group50 ++Group193 | 220 220 | 211 211 | Group: Color Control | If TEMPCTLz10\AUTOTUNE_PASSED then 0 else if TEMPCTLz10\AUTOTUNE_COMPLETE then 1 else 2 |
| StringDisplay29 | | 225 | 212 | String Display | If TEMPCTLz10\AUTOTUNE_PASSED then "PASSED" else if TEMPCTLz10\AUTOTUNE_COMPLETE then "FAILED" else "" |
| Group193 Group199 Group199 Group197 StringDisplay7 | +-Group193 ++Group199 ++Group197 | 220 220 220 225 | 163 163 163 163 | Group: Color Control String Display | TEMPCTLz10\LoopAutoMode if TEMPCTLz10\LoopAutoMode then "AUTO" else "MANUAL" |
| Group197 Group199 Group356 Group380 Group379 Group379 | +-Group197 +Group199 +Group356 ++Group380 ++Group379 | 216 216 216 216 | 281 281 281 281 | Group: Color Control | If TEMPCTLz10\SSR then 1 else if TEMPCTLz10\Sv then 2 else if TEMPCTLz10\HI_HI_ALM or TEMPCTLz10\LO_LO_ALM then 3 else if TEMPCTLz10\HI_ALM or TEMPCTLz10\LO_ALM then 4 else if (TEMPCTLz10\LOOPENABLED and (TEMPCTLz10\LO_ALM_LIMIT < TEMPCTLz10\temperature) and (TEMPCTLz10\temperature < TEMPCTLz10\hi_ALM_LIMIT)) then 5 else 6 |
| Group379 Group380 Group661 | +-Group379 +Group380 ++Group661 | 216 | 324 | Group: Visibility Control | TEMPCTLz10\LoopEnabled |

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|---------------------------|--|
| Group511 | ++Group511 | 218 | 324 | | |
| Group510 | ++Group510 | 221 | 327 | | |
| Group509 | ++Group509 | 221 | 327 | | |
| NumericInput24 | | 221 | 327 | Numeric Input | TEMPCTLz10\RUN_SETPOINT |
| StringDisplay41 | | 265 | 328 | String Display | if TEMPCTLz10to13TempUnits then "C" else "F" |
| Group509 | +-Group509 | | | | |
| Group510 | +-Group510 | | | | |
| Group511 | +-Group511 | | | | |
| Group34 | ++Group34 | 218 | 390 | | |
| Group34 | | 218 | 390 | Group: Visibility Control | secmonpatch > 2 |
| NumericInput2 | | 221 | 395 | Numeric Input | TEMPCTLz10\ManualOutput |
| Group34 | +-Group34 | | | | |
| Group109 | ++Group109 | 216 | 422 | | |
| Group108 | ++Group108 | 216 | 422 | | |
| Button8 | | 216 | 422 | Button Reset: "OFF" | TEMPCTLz10\ENABLE_LOOP |
| Button9 | | 248 | 422 | Button Set: "ON" | TEMPCTLz10\ENABLE_LOOP |
| Group108 | +-Group108 | | | | |
| Group109 | ++Group109 | | | | |
| Group118 | ++Group118 | 216 | 455 | | |
| Group118 | | 216 | 455 | Group: Visibility Control | secmonpatch > 2 |
| Group117 | ++Group117 | 216 | 455 | | |
| Button10 | | 216 | 455 | Button Reset: "MAN" | TEMPCTLz10\SelectLoopAutoMode |
| Button11 | | 248 | 455 | Button Set: "AUTO" | TEMPCTLz10\SelectLoopAutoMode |
| Group117 | +-Group117 | | | | |
| Group118 | +-Group118 | | | | |
| Group90 | ++Group90 | 218 | 357 | | |
| Group507 | ++Group507 | 218 | 357 | | |
| Group63 | ++Group63 | 220 | 364 | | |
| NumericDisplay6 | | 220 | 364 | Numeric Display | TEMPCTLz10\Output |
| Group63 | +-Group63 | | | | |
| Group507 | +-Group507 | | | | |
| Group89 | ++Group89 | 219 | 363 | | |
| Group89 | | 219 | 363 | Group: Color Control | TEMPCTLz10\LoopModeChanging |
| | | | | Group: Visibility Control | TEMPCTLz10\LoopModeChanging |
| StringDisplay17 | | 224 | 364 | String Display | if TEMPCTLz10\LoopModeChanging then "WAIT" else "" |
| Group89 | +-Group89 | | | | |
| Group90 | ++Group90 | | | | |
| Group661 | ++Group661 | | | | |
| Group97 | ++Group97 | | | | |
| Group88 | ++Group88 | 279 | 118 | | |
| Group88 | | 279 | 118 | Group: Visibility Control | TEMPCTLz11\DisplayLoop |
| Group87 | ++Group87 | 280 | 279 | | |
| Group86 | ++Group86 | 280 | 279 | | |
| Group86 | | 280 | 279 | Group: Color Control | If TEMPCTLz11\SSR then 1 else if TEMPCTLz11\Sv then 2 else if TEMPCTLz11\HI_HI_ALM or TEMPCTLz11\LO_LO_ALM then 3 else if TEMPCTLz11\HI_ALM or TEMPCTLz11\LO_ALM then 4 else if (TEMPCTLz11\LOOPENABLED and (TEMPCTLz11\LO_ALM_LIMIT < TEMPCTLz11\temperature) and (TEMPCTLz11\temperature < TEMPCTLz11\hi_ALM_LIMIT)) then 5 else 6 |
| | | | | Group: Visibility Control | TEMPCTLz11\LoopEnabled |
| Group86 | ++Group86 | | | | |
| Group87 | ++Group87 | | | | |
| Group369 | ++Group369 | 280 | 324 | | |
| Group360 | ++Group360 | 280 | 422 | | |
| Group359 | ++Group359 | 280 | 422 | | |
| Button34 | | 280 | 422 | Button Reset: "OFF" | TEMPCTLz11\ENABLE_LOOP |
| Button35 | | 312 | 422 | Button Set: "ON" | TEMPCTLz11\ENABLE_LOOP |
| Group359 | +-Group359 | | | | |
| Group360 | ++Group360 | | | | |
| Group368 | ++Group368 | 282 | 324 | | |
| Group367 | ++Group367 | 285 | 327 | | |
| Group366 | ++Group366 | 285 | 327 | | |
| NumericInput22 | | 285 | 327 | Numeric Input | TEMPCTLz11\RUN_SETPOINT |
| StringDisplay38 | | 330 | 328 | String Display | if TEMPCTLZ10to13TempUnits then "C" else "F" |
| Group366 | +-Group366 | | | | |
| Group367 | +-Group367 | | | | |
| Group368 | ++Group368 | | | | |
| Group120 | ++Group120 | 280 | 455 | | |
| Group119 | ++Group119 | 280 | 455 | | |
| Group119 | | 280 | 455 | Group: Visibility Control | secmonpatch > 2 |
| Button13 | | 280 | 455 | Button Reset: "MAN" | TEMPCTLz11\SelectLoopAutoMode |
| Button14 | | 312 | 455 | Button Set: "AUTO" | TEMPCTLz11\SelectLoopAutoMode |
| Group119 | +-Group119 | | | | |
| Group120 | ++Group120 | | | | |
| Group98 | ++Group98 | 282 | 357 | | |
| Group93 | ++Group93 | 282 | 357 | | |

| Object Name | Grouping | X | Y | Property | Expression |
|------------------|------------|-----|-----|---|--|
| Group92 | ++Group92 | 284 | 364 | | |
| NumericDisplay7 | | 284 | 364 | Numeric Display | TEMPCTLz11\Output |
| Group92 | +-Group92 | | | | |
| Group93 | +-Group93 | | | | |
| Group96 | ++Group96 | 283 | 363 | | |
| Group96 | | 283 | 363 | Group: Visibility Control Group: Color Control | TEMPCTLz11\LoopModeChanging TEMPCTLz11\LoopModeChanging if TEMPCTLz11\LoopModeChanging then "WAIT" else "" |
| StringDisplay21 | | 288 | 364 | String Display | |
| Group96 | +-Group96 | | | | |
| Group98 | ++Group98 | | | | |
| Group101 | ++Group101 | 282 | 390 | | |
| Group101 | | 282 | 390 | Group: Visibility Control | secmonpatch > 2 |
| NumericInput3 | | 285 | 395 | Numeric Input | TEMPCTLz11\ManualOutput |
| Group101 | ++Group101 | | | | |
| Group369 | ++Group369 | | | | |
| Group382 | ++Group382 | 279 | 118 | | |
| Group276 | ++Group276 | 284 | 122 | | |
| Group275 | ++Group275 | 289 | 122 | | |
| StringDisplay44 | | 289 | 122 | String Display | EXT\layout2\btm7_loop2_faceplate_line1 |
| StringDisplay45 | | 289 | 132 | String Display | EXT\layout2\btm7_loop2_faceplate_line2 |
| Group275 | +-Group275 | | | | |
| Group276 | ++Group276 | | | | |
| Group280 | ++Group280 | 279 | 232 | | |
| Group279 | ++Group279 | 279 | 242 | | |
| StringDisplay52 | | 329 | 243 | String Display | if TEMPCTLZ10to13TempUnits then "C" else "F" TEMPCTLz11\TEMPERATURE |
| NumericDisplay16 | | 279 | 243 | Numeric Display | |
| Group279 | +-Group279 | | | | |
| Group280 | ++Group280 | | | | |
| Group283 | ++Group283 | 284 | 147 | | |
| Group283 | | 284 | 147 | Group: Color Control | TEMPCTLz11\LoopEnabled |
| Group282 | ++Group282 | 284 | 147 | | |
| StringDisplay53 | | 297 | 147 | String Display | If TEMPCTLz11\LoopEnabled then "ON" else "OFF" |
| Group282 | +-Group282 | | | | |
| Group283 | ++Group283 | | | | |
| Group285 | ++Group285 | 284 | 179 | | |
| Group285 | | 284 | 179 | Group: Color Control | If TEMPCTLz11\SSR then 1 else if TEMPCTLz11\Sv then 2 else if TEMPCTLz11\HI_HI_ALM or TEMPCTLz11\LO_LO_ALM then 3 else if TEMPCTLz11\HI_ALM or TEMPCTLz11\LO_ALM then 4 else if (TEMPCTLz11\LOOPENABLED = 1) && (TEMPCTLz11\temperature > TEMPCTLz11\LO_ALM_LIMIT) AND (TEMPCTLz11\temperature > TEMPCTLz11\LO_ALM_LIMIT) then 5 else 6 |
| StringDisplay54 | | 292 | 181 | String Display | If TEMPCTLz11\SSR then "HEATING" else if TEMPCTLz11\Sv then "COOLING" else if TEMPCTLz11\HI_HI_ALM then "HI-HI" else if TEMPCTLz11\LO_LO_ALM then "LO-LO" else if TEMPCTLz11\HI_ALM then "HI" else if TEMPCTLz11\LO_ALM then "LO" else if TEMPCTLz11\LoopEnabled and (TEMPCTLz11\LO_ALM_LIMIT < TEMPCTLz11\temperature) and (TEMPCTLz11\temperature < TEMPCTLz11\hi_ALM_LIMIT) then "RUNNING" else "" |
| Group285 | +-Group285 | | | | |
| Group290 | ++Group290 | 284 | 195 | | |
| Group290 | | 284 | 195 | Group: Color Control | if TEMPCTLz11\AUTOTUNE_TUNING then 0 else if TEMPCTLz11\AUTOTUNE_COMPLETE then 1 else 2 |
| Group289 | ++Group289 | 284 | 195 | | |
| Group288 | ++Group288 | 284 | 195 | | |
| Group288 | | 284 | 195 | Group: Color Control | if TEMPCTLz11\AUTOTUNE_TUNING then 0 else if TEMPCTLz11\AUTOTUNE_COMPLETE then 1 else 2 |
| Group288 | +-Group288 | | | | |
| Group289 | +-Group289 | | | | |
| StringDisplay55 | | 285 | 196 | String Display | if TEMPCTLz11\AUTOTUNE_TUNING then "TUNING" else if TEMPCTLz11\AUTOTUNE_COMPLETE then "COMPLETE" else "" |
| Group290 | ++Group290 | | | | |
| Group381 | ++Group381 | 284 | 211 | | |

| Object Name | Grouping | X | Y | Property | Expression |
|-----------------|------------|-----|-----|---|---|
| Group381 | | 284 | 211 | Group: Color Control | If TEMPCTLz11\AUTOTUNE_PASSED then 0 else if TEMPCTLz11\AUTOTUNE_COMPLETE then 1 else 2 |
| StringDisplay56 | | 289 | 212 | String Display | If TEMPCTLz11\AUTOTUNE_PASSED then "PASSED" else if TEMPCTLz11\AUTOTUNE_COMPLETE then "FAILED" else "" |
| Group381 | +Group381 | | | | |
| Group382 | +Group382 | | | | |
| Group202 | +Group202 | 284 | 163 | | |
| Group202 | | 284 | 163 | Group: Color Control | TEMPCTLz11\LoopAutoMode |
| Group201 | +Group201 | 284 | 163 | | |
| StringDisplay10 | | 289 | 163 | String Display | if TEMPCTLz11\LoopAutoMode then "AUTO" else "MANUAL" |
| Group201 | +Group201 | | | | |
| Group202 | +Group202 | | | | |
| Group88 | +Group88 | | | | |
| Group139 | ++Group139 | 343 | 118 | | |
| Group139 | | 343 | 118 | Group: Visibility Control | TEMPCTLz12\DisplayLoop |
| Group138 | +Group138 | 345 | 279 | | |
| Group137 | +Group137 | 345 | 279 | | |
| Group137 | | 345 | 279 | Group: Color Control | If TEMPCTLz12\SSR then 1 else if TEMPCTLz12\Sv then 2 else if TEMPCTLz12\HI_HI_ALM or TEMPCTLz12\LO_LO_ALM then 3 else if TEMPCTLz12\HI_ALM or TEMPCTLz12\LO_ALM then 4 else if (TEMPCTLz12\LOOPENABLED and (TEMPCTLz12\LO_ALM_LIMIT < TEMPCTLz12\temperature) and (TEMPCTLz12\temperature < TEMPCTLz12\hi_ALM_LIMIT)) then 5 else 6 |
| | | | | Group: Visibility Control | TEMPCTLz12\LoopEnabled |
| Group137 | +Group137 | | | | |
| Group138 | +Group138 | | | | |
| Group660 | ++Group660 | 344 | 324 | | |
| Group328 | +Group328 | 346 | 324 | | |
| Group327 | +Group327 | 349 | 327 | | |
| Group326 | +Group326 | 349 | 327 | | |
| NumericInput19 | | 349 | 327 | Numeric Input | TEMPCTLz12\RUN_SETPOINT |
| StringDisplay37 | | 394 | 328 | String Display | if TEMPCTLz10to13TempUnits then "C" else "F" |
| Group326 | +Group326 | | | | |
| Group327 | +Group327 | | | | |
| Group328 | ++Group328 | | | | |
| Group332 | ++Group332 | 346 | 390 | | |
| Group332 | | 346 | 390 | Group: Visibility Control | secmonpatch > 2 |
| Group331 | +Group331 | 349 | 395 | | |
| Group330 | +Group330 | 349 | 395 | | |
| NumericInput20 | | 349 | 395 | Numeric Input | TEMPCTLz12\ManualOutput |
| Group330 | +Group330 | | | | |
| Group331 | +Group331 | | | | |
| Group332 | ++Group332 | | | | |
| Group357 | ++Group357 | 344 | 422 | | |
| Button31 | | 344 | 422 | Button Reset: "OFF" | TEMPCTLz12\ENABLE_LOOP |
| Button32 | | 376 | 422 | Button Set: "ON" | TEMPCTLz12\ENABLE_LOOP |
| Group357 | +Group357 | | | | |
| Group140 | ++Group140 | 345 | 455 | | |
| Group140 | | 345 | 455 | Group: Visibility Control | secmonpatch > 2 |
| Button20 | | 345 | 455 | Button Reset: "MAN" | TEMPCTLz12\SelectLoopAutoMode |
| Button21 | | 377 | 455 | Button Set: "AUTO" | TEMPCTLz12\SelectLoopAutoMode |
| Group140 | ++Group140 | | | | |
| Group271 | ++Group271 | 346 | 357 | | |
| Group237 | ++Group237 | 346 | 357 | | |
| Group107 | +Group107 | 348 | 364 | | |
| NumericDisplay9 | | 348 | 364 | Numeric Display | TEMPCTLz12\Output |
| Group107 | +Group107 | | | | |
| Group237 | ++Group237 | | | | |
| Group242 | ++Group242 | 347 | 363 | | |
| Group242 | | 347 | 363 | Group: Color Control Group: Visibility Control | TEMPCTLz12\LoopModeChanging TEMPCTLz12\LoopModeChanging |
| StringDisplay22 | | 352 | 364 | String Display | if TEMPCTLz12\LoopModeChanging then "WAIT" else "" |
| Group242 | +Group242 | | | | |
| Group271 | +Group271 | | | | |
| Group660 | ++Group660 | | | | |
| Group481 | ++Group481 | 343 | 118 | | |
| Group385 | ++Group385 | 348 | 122 | | |
| Group384 | +Group384 | 353 | 122 | | |
| StringDisplay57 | | 353 | 122 | String Display | EXT\layout2\btm7_loop3_faceplate_line1 |
| StringDisplay58 | | 353 | 132 | String Display | EXT\layout2\btm7_loop3_faceplate_line2 |
| Group384 | +Group384 | | | | |

| Object Name | Grouping | X | Y | Property | Expression |
|------------------|------------|-----|-----|---------------------------|--|
| Group385 | +-Group385 | | | | |
| Group389 | ++Group389 | 343 | 232 | | |
| Group388 | ++Group388 | 343 | 242 | | |
| StringDisplay59 | | 393 | 243 | String Display | if TEMPCTLz10to13TempUnits then "C" else "F" |
| NumericDisplay17 | | 343 | 243 | Numeric Display | TEMPCTLz12\TEMPERATURE |
| Group388 | +-Group388 | | | | |
| Group389 | +-Group389 | | | | |
| Group392 | ++Group392 | 348 | 147 | | |
| Group392 | | 348 | 147 | Group: Color Control | TEMPCTLz12\LoopEnabled |
| Group391 | ++Group391 | 348 | 147 | | |
| StringDisplay60 | | 361 | 147 | String Display | If TEMPCTLz12\LoopEnabled then "ON" else "OFF" |
| Group391 | +-Group391 | | | | |
| Group392 | +-Group392 | | | | |
| Group411 | ++Group411 | 348 | 179 | | |
| Group411 | | 348 | 179 | Group: Color Control | If TEMPCTLz12\SSR then 1 else if TEMPCTLz12\Sv then 2 else if TEMPCTLz12\HI_HI_ALM or TEMPCTLz12\LO_LO_ALM then 3 else if TEMPCTLz12\HI_ALM or TEMPCTLz12\LO_ALM then 4 else if (TEMPCTLz12\LOOPENABLED = 1) && (TEMPCTLz12\temperature > TEMPCTLz12\LO_ALM_LIMIT) AND (TEMPCTLz12\temperature > TEMPCTLz12\LO_ALM_LIMIT) then 5 else 6 |
| StringDisplay61 | | 356 | 181 | String Display | If TEMPCTLz12\SSR then "HEATING" else if TEMPCTLz12\Sv then "COOLING" else if TEMPCTLz12\HI_HI_ALM then "HI-HI" else if TEMPCTLz12\LO_LO_ALM then "LO-LO" else if TEMPCTLz12\HI_ALM then "HI" else if TEMPCTLz12\LO_ALM then "LO" else if TEMPCTLz12\LoopEnabled and (TEMPCTLz12\LO_ALM_LIMIT < TEMPCTLz12\temperature) and (TEMPCTLz12\temperature < TEMPCTLz12\hi_ALM_LIMIT) then "RUNNING" else "" |
| Group411 | +Group411 | | | | |
| Group436 | ++Group436 | 348 | 195 | | |
| Group436 | | 348 | 195 | Group: Color Control | if TEMPCTLz12\AUTOTUNE_TUNING then 0 else if TEMPCTLz12\AUTOTUNE_COMPLETE then 1 else 2 |
| Group423 | ++Group423 | 348 | 195 | | |
| Group422 | ++Group422 | 348 | 195 | | |
| Group422 | | 348 | 195 | Group: Color Control | if TEMPCTLz12\AUTOTUNE_TUNING then 0 else if TEMPCTLz12\AUTOTUNE_COMPLETE then 1 else 2 |
| Group422 | +-Group422 | | | | |
| Group423 | +-Group423 | | | | |
| StringDisplay62 | | 349 | 196 | String Display | if TEMPCTLz12\AUTOTUNE_TUNING then "TUNING" else if TEMPCTLz12\AUTOTUNE_COMPLETE then "COMPLETE" else "" |
| Group436 | +-Group436 | | | | |
| Group480 | ++Group480 | 348 | 211 | | |
| Group480 | | 348 | 211 | Group: Color Control | If TEMPCTLz12\AUTOTUNE_PASSED then 0 else if TEMPCTLz12\AUTOTUNE_COMPLETE then 1 else 2 If TEMPCTLz12\AUTOTUNE_PASSED then "PASSED" else if TEMPCTLz12\AUTOTUNE_COMPLETE then "FAILED" else "" |
| StringDisplay63 | | 353 | 212 | String Display | if TEMPCTLz12\LoopAutoMode then "AUTO" else "MANUAL" |
| Group480 | +-Group480 | | | | |
| Group205 | ++Group205 | 348 | 163 | | |
| Group205 | | 348 | 163 | Group: Color Control | TEMPCTLz12\LoopAutoMode |
| Group204 | ++Group204 | 348 | 163 | | |
| StringDisplay13 | | 353 | 163 | String Display | if TEMPCTLz12\LoopAutoMode then "AUTO" else "MANUAL" |
| Group204 | +-Group204 | | | | |
| Group205 | +Group205 | | | | |
| Group481 | +Group481 | | | | |
| Group139 | ++Group139 | | | | |
| Group181 | ++Group181 | 407 | 118 | | |
| Group181 | | 407 | 118 | Group: Visibility Control | TEMPCTLz13\DisplayLoop |
| Group180 | ++Group180 | 409 | 279 | | |

| Object Name | Grouping | X | Y | Property | Expression |
|------------------|------------|-----|-----|---|--|
| Group179 | ++Group179 | 409 | 279 | | |
| Group179 | | 409 | 279 | Group: Color Control | If TEMPCTLz13\SSR then 1 else if TEMPCTLz13\Sv then 2 else if TEMPCTLz13\HI_HI_ALM or TEMPCTLz13\LO_LO_ALM then 3 else if TEMPCTLz13\HI_ALM or TEMPCTLz13\LO_ALM then 4 else if (TEMPCTLz13\LOOPENABLED and (TEMPCTLz13\LO_ALM_LIMIT < TEMPCTLz13\temperature) and (TEMPCTLz13\temperature < TEMPCTLz13\hi_ALM_LIMIT)) then 5 else 6 |
| | | | | Group: Visibility Control | TEMPCTLz13\LoopEnabled |
| Group179 | ++Group179 | | | | |
| Group180 | ++Group180 | | | | |
| Group532 | ++Group532 | 409 | 324 | | |
| Group318 | ++Group318 | 411 | 324 | | |
| Group317 | ++Group317 | 414 | 327 | | |
| Group316 | ++Group316 | 414 | 327 | | |
| NumericInput17 | | 414 | 327 | Numeric Input | TEMPCTLz4\RUN_SETPOINT |
| StringDisplay36 | | 457 | 328 | String Display | if TEMPCTLz10to13TempUnits then "C" else "F" |
| Group316 | ++Group316 | | | | |
| Group317 | ++Group317 | | | | |
| Group318 | ++Group318 | | | | |
| Group322 | ++Group322 | 410 | 390 | | |
| Group322 | | 410 | 390 | Group: Visibility Control | secmonpatch > 2 |
| Group321 | ++Group321 | 413 | 395 | | |
| Group320 | ++Group320 | 413 | 395 | | |
| NumericInput18 | | 413 | 395 | Numeric Input | TEMPCTLz13\manualoutput |
| Group320 | ++Group320 | | | | |
| Group321 | ++Group321 | | | | |
| Group322 | ++Group322 | | | | |
| Group324 | ++Group324 | 409 | 422 | | |
| Group323 | ++Group323 | 409 | 422 | | |
| Button28 | | 409 | 422 | Button Reset: "OFF" | TEMPCTLz13\ENABLE_LOOP |
| Button29 | | 440 | 422 | Button Set: "ON" | TEMPCTLz13\ENABLELOOP |
| Group323 | ++Group323 | | | | |
| Group324 | ++Group324 | | | | |
| Group143 | ++Group143 | 409 | 455 | | |
| Group143 | | 409 | 455 | Group: Visibility Control | secmonpatch > 2 |
| Group142 | ++Group142 | 409 | 455 | | |
| Button22 | | 409 | 455 | Button Reset: "MAN" | TEMPCTLz13>SelectLoopAutoMode |
| Button27 | | 440 | 455 | Button Set: "AUTO" | TEMPCTLz13>SelectLoopAutoMode |
| Group142 | ++Group142 | | | | |
| Group143 | +Group143 | | | | |
| Group350 | ++Group350 | 410 | 357 | | |
| Group310 | ++Group310 | 410 | 357 | | |
| Group273 | ++Group273 | 412 | 364 | | |
| NumericDisplay10 | | 412 | 364 | Numeric Display | TEMPCTLz13\Output |
| Group273 | ++Group273 | | | | |
| Group310 | ++Group310 | | | | |
| Group314 | ++Group314 | 411 | 363 | | |
| Group314 | | 411 | 363 | Group: Visibility Control Group: Color Control | TEMPCTLz13\LoopModeChanging TEMPCTLz13\LoopModeChanging if TEMPCTLz13\LoopModeChanging then "WAIT" else "" |
| StringDisplay23 | | 416 | 364 | String Display | |
| Group314 | ++Group314 | | | | |
| Group350 | +Group350 | | | | |
| Group532 | ++Group532 | | | | |
| Group503 | ++Group503 | 407 | 118 | | |
| Group485 | ++Group485 | 412 | 122 | | |
| Group484 | ++Group484 | 417 | 122 | | |
| StringDisplay64 | | 417 | 122 | String Display | EXT\layout2\btm7_loop4_faceplate_line1 |
| StringDisplay65 | | 417 | 132 | String Display | EXT\layout2\btm7_loop4_faceplate_line2 |
| Group484 | ++Group484 | | | | |
| Group485 | +Group485 | | | | |
| Group489 | ++Group489 | 407 | 232 | | |
| Group488 | ++Group488 | 407 | 242 | | |
| StringDisplay66 | | 457 | 243 | String Display | if TEMPCTLz10to13TempUnits then "C" else "F" |
| NumericDisplay18 | | 407 | 243 | Numeric Display | TEMPCTLz13\TEMPERATURE |
| Group488 | ++Group488 | | | | |
| Group489 | ++Group489 | | | | |
| Group492 | ++Group492 | 412 | 147 | | |
| Group492 | | 412 | 147 | Group: Color Control | TEMPCTLz13\LoopEnabled |
| Group491 | ++Group491 | 412 | 147 | | |
| StringDisplay67 | | 425 | 147 | String Display | If TEMPCTLz13\LoopEnabled then "ON" else "OFF" |
| Group491 | ++Group491 | | | | |
| Group492 | ++Group492 | | | | |
| Group494 | ++Group494 | 412 | 179 | | |

| Object Name | Grouping | X | Y | Property | Expression |
|--|--|--------------------------|--------------------------|--|--|
| Group494 | | 412 | 179 | Group: Color Control | If TEMPCTLz13\SSR then 1 else if TEMPCTLz13\Sv then 2 else if TEMPCTLz13\HI_HI_ALM or TEMPCTLz13\LO_LO_ALM then 3 else if TEMPCTLz13\HI_ALM or TEMPCTLz13\LO_ALM then 4 else if (TEMPCTLz13\LOOPENABLED = 1) && (TEMPCTLz13\temperature > TEMPCTLz13\LO_ALM_LIMIT) AND (TEMPCTLz13\temperature > TEMPCTLz13\LO_ALM_LIMIT) then 5 else 6 |
| StringDisplay68 | | 420 | 181 | String Display | If TEMPCTLz13\SSR then "HEATING" else if TEMPCTLz13\Sv then "COOLING" else if TEMPCTLz13\HI_HI_ALM then "HI-HI" else if TEMPCTLz13\LO_LO_ALM then "LO-LO" else if TEMPCTLz13\HI_ALM then "HI" else if TEMPCTLz13\LO_ALM then "LO" else if TEMPCTLz13\LoopEnabled and (TEMPCTLz13\LO_ALM_LIMIT < TEMPCTLz13\temperature) and (TEMPCTLz13\temperature < TEMPCTLz13\hi_ALM_LIMIT) then "RUNNING" else "" |
| Group494 Group499 Group499 | +-Group494 ++Group499 | 412 412 | 195 195 | Group: Color Control | if TEMPCTLz13\AUTOTUNE_TUNING then 0 else if TEMPCTLz13\AUTOTUNE_COMPLETE then 1 else 2 |
| Group498 Group497 Group497 | ++Group498 ++Group497 | 412 412 412 | 195 195 195 | Group: Color Control | if TEMPCTLz13\AUTOTUNE_TUNING then 0 else if TEMPCTLz13\AUTOTUNE_COMPLETE then 1 else 2 |
| Group497 Group498 StringDisplay69 | +-Group497 +-Group498 | 413 | 196 | String Display | if TEMPCTLz13\AUTOTUNE_TUNING then "TUNING" else if TEMPCTLz13\AUTOTUNE_COMPLETE then "COMPLETE" else "" |
| Group499 Group502 Group502 | +-Group499 ++Group502 | 412 412 | 211 211 | Group: Color Control | If TEMPCTLz13\AUTOTUNE_PASSED then 0 else if TEMPCTLz13\AUTOTUNE_COMPLETE then 1 else 2 |
| StringDisplay70 | | 417 | 212 | String Display | If TEMPCTLz13\AUTOTUNE_PASSED then "PASSED" else if TEMPCTLz13\AUTOTUNE_COMPLETE then "FAILED" else "" |
| Group502 Group236 Group236 Group235 StringDisplay16 | +-Group502 ++Group236 ++Group235 | 412 412 412 417 | 163 163 163 163 | Group: Color Control String Display | TEMPCTLz13\LoopAutoMode if TEMPCTLz13\LoopAutoMode then "AUTO" else "MANUAL" |
| Group235 Group236 Group503 Group181 Group32 Group27 Button23 | +-Group235 +Group236 +Group503 +Group181 ++Group32 ++Group27 | 215 215 343 | 484 484 484 | Button Toggle: "SHOW ZONE" Button Toggle: "SHOW ZONE": Touch Control: Press Action Button Toggle: "SHOW ZONE" Button Toggle: "SHOW ZONE": Touch Control: Press Action Button Toggle: "SHOW ZONE" Button Toggle: "SHOW ZONE": Touch Control: Press Action Button Toggle: "SHOW ZONE" Button Toggle: "SHOW ZONE": Touch Control: Press Action | TEMPCTLz12\DisplayLoop Toggle TEMPCTLz12\DisplayLoop TEMPCTLz11\DisplayLoop Toggle TEMPCTLz11\DisplayLoop TEMPCTLz10\DisplayLoop Toggle TEMPCTLz10\DisplayLoop TEMPCTLz13\DisplayLoop Toggle TEMPCTLz13\DisplayLoop |
| Button24 | | 279 | 484 | Button Toggle: "SHOW ZONE" | TEMPCTLz11\DisplayLoop |
| Button25 | | 215 | 484 | Button Toggle: "SHOW ZONE": Touch Control: Press Action Button Toggle: "SHOW ZONE" | TEMPCTLz10\DisplayLoop Toggle TEMPCTLz10\DisplayLoop |
| Button26 | | 407 | 484 | Button Toggle: "SHOW ZONE": Touch Control: Press Action Button Toggle: "SHOW ZONE" | TEMPCTLz13\DisplayLoop Toggle TEMPCTLz13\DisplayLoop |
| Group27 | +Group27 | | | Button Toggle: "SHOW ZONE": Touch Control: Press Action | TEMPCTLz13\DisplayLoop |

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|-----------------|-------------------|
| Group32 | +-Group32 | | | | |
| Group182 | +Group182 | | | | |

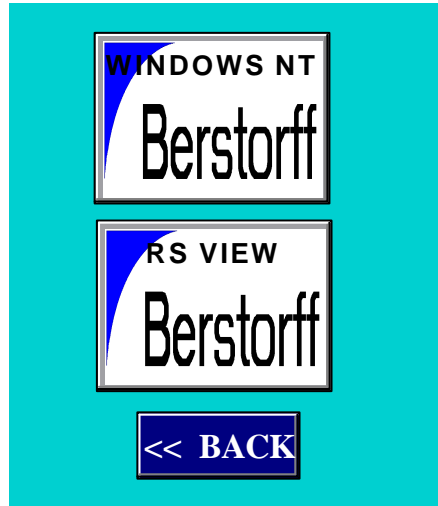
1.1.8.3 Database Tags Used by the Component

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|--|-----------------|--|
| ALM_SILENCE | Digital | ALARM SILENCE |
| BLWR\LOW_PRESS | Digital | Blower Status - Low Pressure |
| BLWR\RUNNING | Digital | Blower Status - Running |
| BLWR\TRIPPED | Digital | Blower Status - Tripped |
| EXT\AMPS | Analog | Extruder Amps |
| EXT\layout2\btm7_loop1_faceplate_line1 | String | |
| EXT\layout2\btm7_loop1_faceplate_line2 | String | |
| EXT\layout2\btm7_loop2_faceplate_line1 | String | |
| EXT\layout2\btm7_loop2_faceplate_line2 | String | |
| EXT\layout2\btm7_loop3_faceplate_line1 | String | |
| EXT\layout2\btm7_loop3_faceplate_line2 | String | |
| EXT\layout2\btm7_loop4_faceplate_line1 | String | |
| EXT\layout2\btm7_loop4_faceplate_line2 | String | |
| EXT\layout2\btm8_loop1_faceplate_line1 | String | |
| EXT\layout2\btm8_loop1_faceplate_line2 | String | |
| EXT\layout2\btm8_loop2_faceplate_line1 | String | |
| EXT\layout2\btm8_loop2_faceplate_line2 | String | |
| EXT\layout2\btm8_loop3_faceplate_line1 | String | |
| EXT\layout2\btm8_loop3_faceplate_line2 | String | |
| EXT\layout2\btm8_loop4_faceplate_line1 | String | |
| EXT\layout2\btm8_loop4_faceplate_line2 | String | |
| initest | Digital | |
| LUBE\LOW_PRESS | Digital | Lube Status - Low Pressure |
| LUBE\RUNNING | Digital | Lube Status - Running |
| LUBE\SYS_FILTER | Digital | Lube Status - Filter Dirty |
| LUBE\TRIPPED | Digital | Lube Status - Tripped |
| SecMon\Word | Analog | Current User's security access in a word |
| secmonpatch | Analog | |
| SETUP\BLOWER | Digital | Blower Select Bit |
| SETUP\LUBE_MTR | Digital | Select Lube Motor |
| SETUP\TCU_BCU_MTR | Digital | TCU Select Bit |
| SETUP\VACUUM_MTR | Digital | Select Vacuum |
| SETUP\Z10to13 | Digital | Setup Zone 10 to Zone 13 |
| SETUP\Z14to17 | Digital | |
| SETUP\ZSFE | Digital | Side Feeder Select Bit |
| setup\zsfe2 | Digital | |
| SIDEFDR\AGIT_FLT | Digital | Side Feeder Status - Agitator Fault |
| SIDEFDR\DRV_FLT | Digital | Side Feeder Status - Drive Fault |
| SIDEFDR\RUNNING | Digital | Side Feeder Status - Running |
| SIDEFDR2\AGIT_FLT | Digital | |
| SIDEFDR2\DRV_FLT | Digital | |
| SIDEFDR2\RUNNING | Digital | |
| STATUS\TEMP\BCU_TCU_TMP_ALM | Digital | BCU\TCU Temperature Alarm |
| STATUS\TEMP\MELT_TEMPERATURE | Analog | Melt Temperature |
| Status\Temp\MeltTempUnitsStatus | Digital | |
| system\DayOfMonth | Analog | Day of Month |
| system\Month | Analog | Month |
| system\Time | String | System time string |
| system\User | String | Currently logged on User |
| system\Year | Analog | Year |
| TCU\LOW_PRESS | Digital | TCU Status - Low Pressure |
| TCU\RUNNING | Digital | TCU Status - Running |
| TCU\TRIPPED | Digital | TCU Status - Tripped |
| TEMPCTLz10\AUTOTUNE_COMPLETE | Digital | |
| TEMPCTLz10\AUTOTUNE_PASSED | Digital | Autotune Passed |
| TEMPCTLz10\AUTOTUNE_TUNING | Digital | Autotuning In Progress |
| TEMPCTLZ10\DisplayLoop | Digital | |
| TEMPCTLz10\ENABLE_LOOP | Digital | Enable Zone 10 |
| TEMPCTLz10\HI_ALM | Digital | Zone 10 High Temperature Alarm |
| TEMPCTLz10\hi_ALM_LIMIT | Analog | High Alarm Threshold |
| TEMPCTLz10\HI_HI_ALM | Digital | Zone 10 Hi-Hi Temperature Alarm |
| TEMPCTLz10\LO_ALM | Digital | |
| TEMPCTLz10\LO_ALM_LIMIT | Analog | Lo Alarm Threshold |
| TEMPCTLz10\LO_LO_ALM | Digital | |
| TEMPCTLZ10\LoopAutoMode | Digital | Loop is in Auto |
| TEMPCTLz10\LOOPENABLED | Digital | |
| TEMPCTLz10\LoopModeChanging | Digital | |
| TEMPCTLz10\ManualOutput | Analog | CV% Output used in Manual Mode |
| TEMPCTLz10\Output | Analog | Zone 10 output % |
| TEMPCTLz10\RUN_SETPOINT | Analog | Run Setpoint Value |
| TEMPCTLz10>SelectLoopAutoMode | Digital | Sets Loop Auto Mode bit |
| TEMPCTLz10\SSR | Digital | Zone 10 SSR |
| TEMPCTLz10\Sv | Digital | Zone 10 Cool SV |
| TEMPCTLz10\temperature | Analog | Temperature |
| TEMPCTLz10to13TempUnits | Digital | |
| TEMPCTLz11\AUTOTUNE_COMPLETE | Digital | |
| TEMPCTLz11\AUTOTUNE_PASSED | Digital | Autotune Passed |
| TEMPCTLz11\AUTOTUNE_TUNING | Digital | Autotuning In Progress |

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-------------------------------|-----------------|---------------------------------|
| TEMPCTLz11\DisplayLoop | Digital | |
| TEMPCTLz11\ENABLE_LOOP | Digital | Enables Slot 7 Loop 2 |
| TEMPCTLz11\HI_ALM | Digital | Zone 11 High Temperature Alarm |
| TEMPCTLz11\hi_ALM_LIMIT | Analog | High Alarm Threshold |
| TEMPCTLz11\HI_HI_ALM | Digital | Zone 11 Hi-Hi Temperature Alarm |
| TEMPCTLz11\LO_ALM | Digital | |
| TEMPCTLz11\LO_ALM_LIMIT | Analog | Low Alarm Threshold |
| TEMPCTLz11\LO_LO_ALM | Digital | |
| TEMPCTLz11\LoopAutoMode | Digital | Loop is in Auto |
| TEMPCTLz11\LOOPENABLED | Digital | |
| TEMPCTLz11\LoopModeChanging | Digital | |
| TEMPCTLz11\ManualOutput | Analog | CV% Output used in Manual Mode |
| TEMPCTLz11\Output | Analog | Zone 11 output % |
| TEMPCTLz11\RUN_SETPOINT | Analog | Run Setpoint Value |
| TEMPCTLz11\SelectLoopAutoMode | Digital | Sets Loop Auto Mode bit |
| TEMPCTLz11\SSR | Digital | Zone 11 SSR |
| TEMPCTLz11\Sv | Digital | Zone 11 Cool SV |
| TEMPCTLz11\TEMPERATURE | Analog | Temperature |
| TEMPCTLz12\AUTOTUNE_COMPLETE | Digital | |
| TEMPCTLz12\AUTOTUNE_PASSED | Digital | Autotune Passed |
| TEMPCTLz12\AUTOTUNE_TUNING | Digital | Autotuning In Progress |
| TEMPCTLz12\DisplayLoop | Digital | |
| TEMPCTLz12\ENABLE_LOOP | Digital | Enables Slot 7 Loop 3 |
| TEMPCTLz12\HI_ALM | Digital | Zone 12 High Temperature Alarm |
| TEMPCTLz12\hi_ALM_LIMIT | Analog | High Alarm Threshold |
| TEMPCTLz12\HI_HI_ALM | Digital | Zone 12 Hi-Hi Temperature Alarm |
| TEMPCTLz12\LO_ALM | Digital | |
| TEMPCTLz12\LO_ALM_LIMIT | Analog | Low Alarm Threshold |
| TEMPCTLz12\LO_LO_ALM | Digital | |
| TEMPCTLz12\LoopAutoMode | Digital | Loop is in Auto |
| TEMPCTLz12\LoopEnabled | Digital | |
| TEMPCTLz12\LoopModeChanging | Digital | |
| TEMPCTLz12\ManualOutput | Analog | CV% Output used in Manual Mode |
| TEMPCTLz12\Output | Analog | Zone 12 output % |
| TEMPCTLz12\RUN_SETPOINT | Analog | Run Setpoint Value |
| TEMPCTLz12\SelectLoopAutoMode | Digital | Sets Loop Auto Mode bit |
| TEMPCTLz12\SSR | Digital | Zone 12 SSR |
| TEMPCTLz12\Sv | Digital | Zone 12 Cool SV |
| TEMPCTLz12\temperature | Analog | Temperature |
| TEMPCTLz13\AUTOTUNE_COMPLETE | Digital | |
| TEMPCTLz13\AUTOTUNE_PASSED | Digital | Autotune Passed |
| TEMPCTLz13\AUTOTUNE_TUNING | Digital | Autotuning In Progress |
| TEMPCTLz13\DisplayLoop | Digital | |
| TEMPCTLz13\ENABLE_LOOP | Digital | Enables Slot 7 Loop 4 |
| TEMPCTLz13\ENABLELOOP | Digital | Enables Slot 7 Loop 4 |
| TEMPCTLz13\HI_ALM | Digital | Zone 13 High Temperature Alarm |
| TEMPCTLz13\hi_ALM_LIMIT | Analog | High Alarm Threshold |
| TEMPCTLz13\HI_HI_ALM | Digital | Zone 13 Hi-Hi Temperature Alarm |
| TEMPCTLz13\LO_ALM | Digital | |
| TEMPCTLz13\LO_ALM_LIMIT | Analog | Low Alarm Threshold |
| TEMPCTLz13\LO_LO_ALM | Digital | |
| TEMPCTLz13\LoopAutoMode | Digital | Loop is in Auto |
| TEMPCTLz13\LoopEnabled | Digital | |
| TEMPCTLz13\LoopModeChanging | Digital | |
| TEMPCTLz13\manualoutput | Analog | CV% Output used in Manual Mode |
| TEMPCTLz13\Output | Analog | Zone 13 output % |
| TEMPCTLz13\SelectLoopAutoMode | Digital | |
| TEMPCTLz13\SSR | Digital | Zone 13 SSR |
| TEMPCTLz13\Sv | Digital | Zone 13 SV |
| TEMPCTLz13\TEMPERATURE | Analog | Temperature |
| TEMPCTLz14\AUTOTUNE_COMPLETE | Digital | |
| TEMPCTLz14\AUTOTUNE_PASSED | Digital | Autotune Passed |
| TEMPCTLz14\AUTOTUNE_TUNING | Digital | Autotuning In Progress |
| TEMPCTLz14\DisplayLoop | Digital | |
| TEMPCTLz14\ENABLE_LOOP | Digital | |
| TEMPCTLz14\HI_ALM | Digital | Zone 14 High Temperature Alarm |
| TEMPCTLz14\hi_ALM_LIMIT | Analog | High Alarm Threshold |
| TEMPCTLz14\HI_HI_ALM | Digital | Zone 14 Hi-Hi Temperature Alarm |
| TEMPCTLz14\LO_ALM | Digital | |
| TEMPCTLz14\LO_ALM_LIMIT | Analog | Lo Alarm Threshold |
| TEMPCTLz14\LO_LO_ALM | Digital | |
| TEMPCTLz14\LoopAutoMode | Digital | Loop is in Auto |
| TEMPCTLz14\LOOPENABLED | Digital | |
| TEMPCTLz14\LoopModeChanging | Digital | |
| TEMPCTLz14\manualoutput | Analog | CV% Output used in Manual Mode |
| TEMPCTLz14\Output | Analog | Zone 14 output % |
| TEMPCTLz14\RUN_SETPOINT | Analog | Run Setpoint Value |
| TEMPCTLz14\SelectLoopAutoMode | Digital | Sets Loop Auto Mode bit |
| TEMPCTLz14\SSR | Digital | Zone 14 SSR |
| TEMPCTLz14\Sv | Digital | Zone 14 Cool SV |
| TEMPCTLz14\temperature | Analog | Temperature |
| TEMPCTLz14to17TempUnits | Digital | |
| TEMPCTLz15\AUTOTUNE_COMPLETE | Digital | |
| TEMPCTLz15\AUTOTUNE_PASSED | Digital | Autotune Passed |
| TEMPCTLz15\AUTOTUNE_TUNING | Digital | Autotuning In Progress |
| TEMPCTLz15\DisplayLoop | Digital | |
| TEMPCTLz15\ENABLE_LOOP | Digital | |

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-------------------------------|-----------------|---------------------------------|
| TEMPCTLz15\HI_ALM | Digital | Zone 15 High Temperature Alarm |
| TEMPCTLz15\hi_ALM_LIMIT | Analog | High Alarm Threshold |
| TEMPCTLz15\HI_HI_ALM | Digital | Zone 15 Hi-Hi Temperature Alarm |
| TEMPCTLz15\LO_ALM | Digital | |
| TEMPCTLz15\LO_ALM_LIMIT | Analog | Low Alarm Threshold |
| TEMPCTLz15\LO_LO_ALM | Digital | |
| TEMPCTLZ15\LoopAutoMode | Digital | Loop is in Auto |
| TEMPCTLz15\LoopEnabled | Digital | |
| TEMPCTLz15\LoopModeChanging | Digital | |
| TEMPCTLz15\manualoutput | Analog | CV% Output used in Manual Mode |
| TEMPCTLz15\Output | Analog | Zone 15 output % |
| TEMPCTLz15\RUN_SETPOINT | Analog | Run Setpoint Value |
| TEMPCTLz15\SelectLoopAutoMode | Digital | Sets Loop Auto Mode bit |
| TEMPCTLz15\SSR | Digital | Zone 15 SSR |
| TEMPCTLz15\Sv | Digital | Zone 15 SV |
| TEMPCTLz15\TEMPERATURE | Analog | Temperature |
| TEMPCTLz16\AUTOTUNE_COMPLETE | Digital | |
| TEMPCTLz16\AUTOTUNE_PASSED | Digital | Autotune Passed |
| TEMPCTLz16\AUTOTUNE_TUNING | Digital | Autotuning In Progress |
| TEMPCTLZ16\DisplayLoop | Digital | |
| TEMPCTLz16\ENABLE_LOOP | Digital | |
| TEMPCTLz16\HI_ALM | Digital | Zone 16 High Temperature Alarm |
| TEMPCTLz16\hi_ALM_LIMIT | Analog | High Alarm Threshold |
| TEMPCTLz16\HI_HI_ALM | Digital | Zone 16 Hi-Hi Temperature Alarm |
| TEMPCTLz16\LO_ALM | Digital | |
| TEMPCTLz16\LO_ALM_LIMIT | Analog | Low Alarm Threshold |
| TEMPCTLz16\LO_LO_ALM | Digital | |
| TEMPCTLZ16\LoopAutoMode | Digital | Loop is in Auto |
| TEMPCTLz16\LoopEnabled | Digital | |
| TEMPCTLz16\LoopModeChanging | Digital | |
| TEMPCTLz16\manualoutput | Analog | CV% Output used in Manual Mode |
| TEMPCTLz16\Output | Analog | Zone 16 output % |
| TEMPCTLz16\RUN_SETPOINT | Analog | Run Setpoint Value |
| TEMPCTLz16\SelectLoopAutoMode | Digital | Sets Loop Auto Mode bit |
| TEMPCTLz16\SSR | Digital | Zone 16 SSR |
| TEMPCTLz16\Sv | Digital | Zone 16 SV |
| TEMPCTLz16\TEMPERATURE | Analog | Temperature |
| TEMPCTLz17\AUTOTUNE_COMPLETE | Digital | |
| TEMPCTLz17\AUTOTUNE_PASSED | Digital | Autotune Passed |
| TEMPCTLz17\AUTOTUNE_TUNING | Digital | Autotuning In Progress |
| TEMPCTLZ17\DisplayLoop | Digital | |
| TEMPCTLz17\ENABLE_LOOP | Digital | |
| TEMPCTLz17\HI_ALM | Digital | Zone 17 High Temperature Alarm |
| TEMPCTLz17\hi_ALM_LIMIT | Analog | High Alarm Threshold |
| TEMPCTLz17\HI_HI_ALM | Digital | Zone 17 Hi-Hi Temperature Alarm |
| TEMPCTLz17\LO_ALM | Digital | |
| TEMPCTLz17\LO_ALM_LIMIT | Analog | Low Alarm Threshold |
| TEMPCTLz17\LO_LO_ALM | Digital | |
| TEMPCTLz17\LoopAutoMode | Digital | Loop is in Auto |
| TEMPCTLz17\LoopEnabled | Digital | |
| TEMPCTLz17\LoopModeChanging | Digital | |
| TEMPCTLz17\manualoutput | Analog | CV% Output used in Manual Mode |
| TEMPCTLz17\Output | Analog | Zone 17 output % |
| TEMPCTLz17\RUN_SETPOINT | Analog | Run Setpoint Value |
| TEMPCTLz17\SelectLoopAutoMode | Digital | Sets Loop Auto Mode bit |
| TEMPCTLz17\SSR | Digital | Zone 17 SSR |
| TEMPCTLz17\Sv | Digital | Zone 17 SV |
| TEMPCTLz17\TEMPERATURE | Analog | Temperature |
| TEMPCTLZ4\RUN_SETPOINT | Analog | Run Setpoint Value |
| VAC\RUNNING | Digital | Vacuum Status - Running |
| VAC\TRIPPED | Digital | Vacuum Status - Tripped |

1.1.9 Graphics\Display\HelpScreenIndex



1.1.9.1 Display Settings

| <u>Section</u> | <u>Option</u> | <u>Selection</u> |
|----------------|---|---------------------------|
| Properties | Display Type | On Top |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | No |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | Yes |
| | Allow Display to be Resized | Yes: When Resized - Scale |
| | Use Current Position | Yes |
| | Security Code | * |
| | Background Color | 0xD0D000 |
| Behavior | Startup Command | |
| | Shutdown Command | |
| | Input Field Not Selected Text Color | 0x0 |
| | Input Field Not Selected Fill Color | 0xFFFFFFFF |
| | Input Field Selected Text Color | 0xFFFFFFFF |
| | Input Field Selected Fill Color | 0xFF |
| | Beep on Press of Interactive Object | No |
| | Highlight when Cursor Passes Over Interactive Objects | Yes Highlight Color: 0x0 |
| | Highlight Color of Objects with Input Focus | 0xFF00 |
| | Display On-screen Keyboard | No |

1.1.9.2 Animated Display Objects

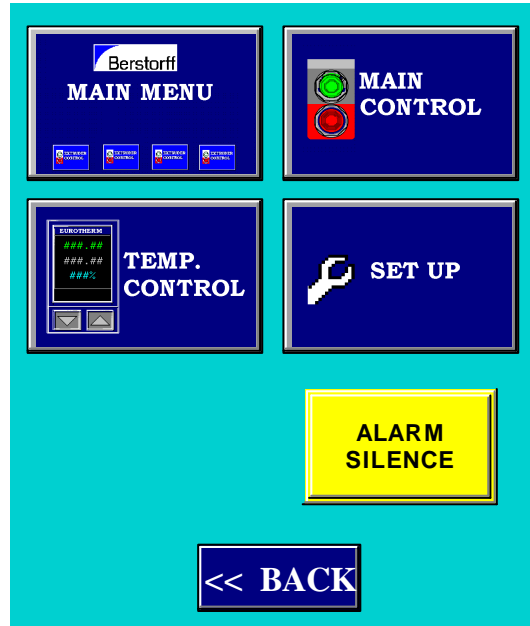
| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|--|---|
| Button5 | | 40 | 14 | Button: "WINDOWS NT | Help /C:\WINNT\system32\winnt.hlp;Help /C:\WINNT\system32\winnt.hlp |
| Button6 | | 41 | 102 | ": Touch Control: Release Action Button: "RS VIEW | Help /"D:\Program Files\Rockwell Software\RSView\Rsview.hlp" |
| Button7 | | 60 | 192 | ": Touch Control: Release Action Button: "<< BACK": Touch Control: Release Action | Abort Me |

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|---|------------------------------|
| NumericInput1 | | 175 | 30 | Numeric Input | TEMPCTL#1\RUN_SETPOINT |
| NumericInput2 | | 175 | 50 | Numeric Input | TEMPCTL#1\CONFIG_DATA |
| NumericInput3 | | 175 | 70 | Numeric Input | TEMPCTL#1\HI_ALM_LIMIT |
| NumericInput4 | | 175 | 90 | Numeric Input | TEMPCTL#1\HI_HI_ALM_LIMIT |
| Group3 | +-Group3 | | | | |
| Group4 | +-Group4 | 250 | 30 | | |
| NumericInput5 | | 435 | 30 | Numeric Input | TEMPCTL#1\AGGRESS_FACTOR |
| NumericInput6 | | 435 | 50 | Numeric Input | TEMPCTL#1\LOOP_CONFIG_DATA |
| NumericInput7 | | 435 | 70 | Numeric Input | TEMPCTL#1\LO_ALM_LIMIT |
| NumericInput8 | | 435 | 90 | Numeric Input | TEMPCTL#1\LO_LO_ALM_LIMIT |
| Group4 | +-Group4 | | | | |
| Group5 | +-Group5 | | | | |
| Group6 | +-Group6 | | | | |
| Group10 | ++Group10 | -2 | 135 | | |
| Group8 | ++Group8 | 28 | 145 | | |
| NumericInput9 | | 133 | 145 | Numeric Input | TEMPCTL#1\HT_MIN_ON_TIME |
| NumericInput10 | | 133 | 165 | Numeric Input | TEMPCTL#1\HT_TPO_PERIOD |
| NumericInput11 | | 133 | 185 | Numeric Input | TEMPCTL#1\HT_P_GAIN |
| NumericInput12 | | 133 | 205 | Numeric Input | TEMPCTL#1\HT_I_GAIN |
| NumericInput13 | | 133 | 225 | Numeric Input | TEMPCTL#1\HT_D_GAIN |
| Group8 | +-Group8 | | | | |
| Group9 | ++Group9 | 28 | 245 | | |
| NumericInput14 | | 133 | 245 | Numeric Input | TEMPCTL#1\HEAT_RAMPING |
| NumericInput15 | | 133 | 265 | Numeric Input | TEMPCTL#1\HEAT_GAIN |
| NumericInput16 | | 133 | 285 | Numeric Input | TEMPCTL#1\HEAT_TIME_CONSTANT |
| NumericInput17 | | 133 | 305 | Numeric Input | TEMPCTL#1\HEAT_DEAD_TIME |
| Group9 | +-Group9 | | | | |
| Group10 | +-Group10 | | | | |
| Group14 | ++Group14 | 250 | 135 | | |
| Group12 | ++Group12 | 285 | 145 | | |
| NumericInput18 | | 390 | 145 | Numeric Input | TEMPCTL#1\CLD_MIN_ON_TIME |
| NumericInput19 | | 390 | 165 | Numeric Input | TEMPCTL#1\CLD_TPO_PERIOD |
| NumericInput20 | | 390 | 185 | Numeric Input | TEMPCTL#1\CLD_P_GAIN |
| NumericInput21 | | 390 | 205 | Numeric Input | TEMPCTL#1\CLD_I_GAIN |
| NumericInput22 | | 390 | 225 | Numeric Input | TEMPCTL#1\CLD_D_GAIN |
| Group12 | +-Group12 | | | | |
| Group13 | ++Group13 | 285 | 245 | | |
| NumericInput23 | | 390 | 245 | Numeric Input | TEMPCTL#1\COOL_RAMPING |
| NumericInput24 | | 390 | 265 | Numeric Input | TEMPCTL#1\COOL_GAIN |
| NumericInput25 | | 390 | 285 | Numeric Input | TEMPCTL#1\COOL_TIME_CONSTANT |
| NumericInput26 | | 390 | 305 | Numeric Input | TEMPCTL#1\COOL_DEAD_TIME |
| Group13 | +-Group13 | | | | |
| Group14 | +-Group14 | | | | |
| Button1 | | 20 | 339 | Button Momentary On: "DOWNLOAD M1" | #2 |
| Button2 | | 430 | 338 | Button: "EXIT": Touch Control: Release Action | Abort me |
| Group17 | ++Group17 | 0 | 0 | | |
| StringDisplay1 | | 75 | 5 | String Display | TEMPCTL\DISPLAY_LABEL |
| Group17 | +-Group17 | | | | |
| Button3 | | 112 | 337 | Button Momentary On: "DOWNLOAD M0" | #3 |
| Button4 | | 200 | 338 | Button Momentary On: "AUTOTUNE" | #4 |
| Button5 | | 291 | 333 | Button Momentary On: "UP-LOAD MO" | #5 |
| Button6 | | 361 | 337 | Button Momentary On: "ENABLE LOOP" | #6 |

1.1.10.3 Database Tags Used by the Component

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-----------------------|-----------------|-----------------------------|
| TEMPCTL\DISPLAY_LABEL | String | Configuration Display Label |

1.1.11 Graphics\Display\Main Control Index



1.1.11.1 Display Settings

| Section | Option | Selection |
|---|--------------------------------|------------------------------------|
| Properties | Display Type | On Top |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | No |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | Yes |
| | Allow Display to be Resized | Yes: When Resized - Scale |
| | Use Current Position | No (Position in Pixels: 149 x 101) |
| | Security Code | * |
| | Background Color | 0xD0D000 |
| | Behavior | Startup Command |
| Shutdown Command | | |
| Input Field Not Selected Text Color | | 0x0 |
| Input Field Not Selected Fill Color | | 0xFFFFFFFF |
| Input Field Selected Text Color | | 0xFFFFFFFF |
| Input Field Selected Fill Color | | 0xFF |
| Beep on Press of Interactive Object | | No |
| Highlight when Cursor Passes Over Interactive Objects | | Yes Highlight Color: 0x0 |
| Highlight Color of Objects with Input Focus | | 0xFF00 |
| Display On-screen Keyboard | | No |

1.1.11.2 Animated Display Objects

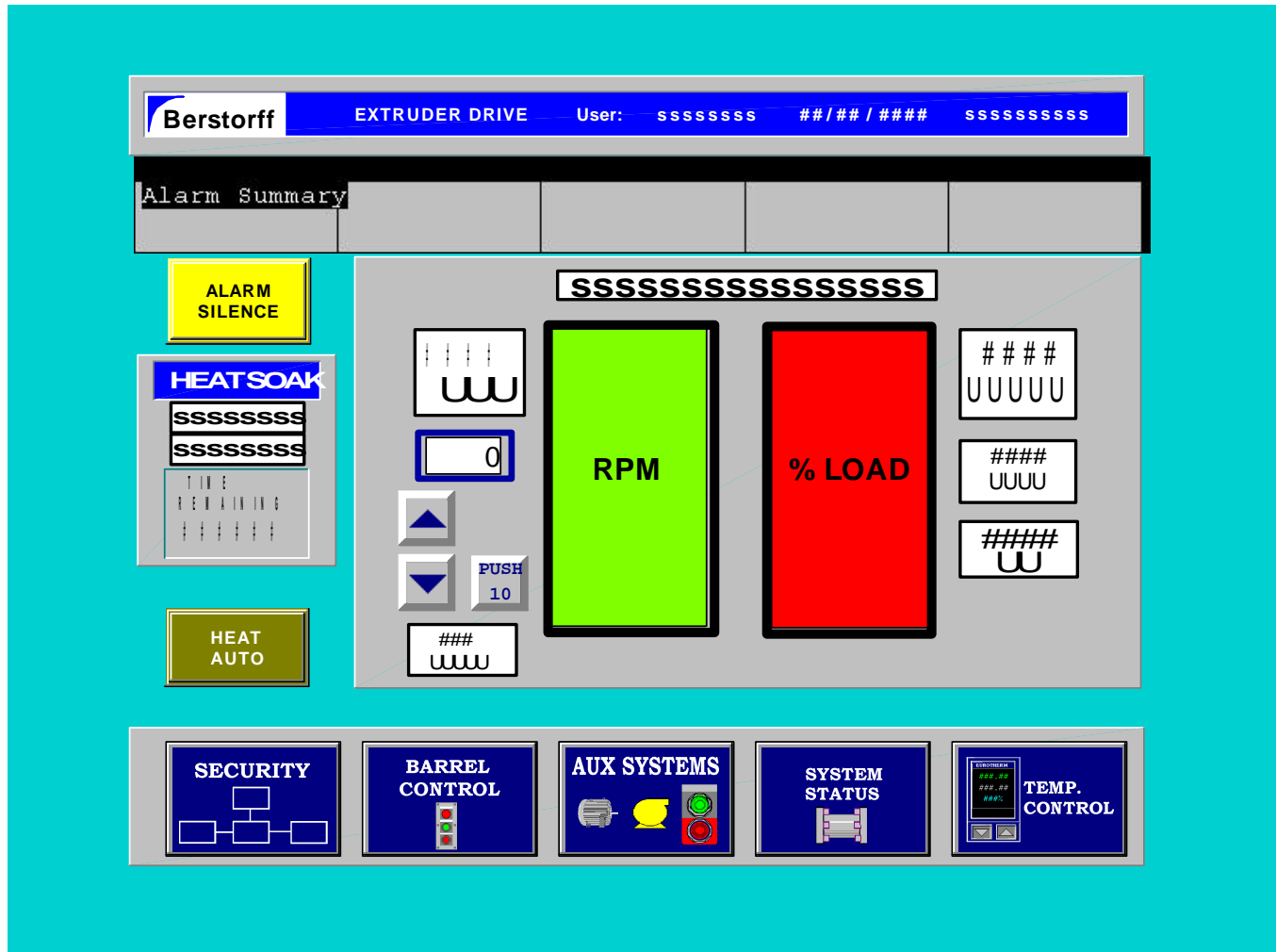
| Object Name | Grouping | X | Y | Property | Expression |
|-------------|----------|-----|-----|--|--|
| Button2 | | 8 | 92 | Button: Visibility Control | secmonpatch > 1 |
| Button4 | | 128 | 92 | Button: Touch Control: Release Action | Display TempControlMenu |
| | | | | Button: Visibility Control | (secmonpatch == 4) AND (NOT(EXTRUNNING)) |
| Button1 | | 88 | 254 | Button: Touch Control: Release Action | Display SetupMaint |
| | | | | Button: "<< BACK": Touch Control: Release Action | Abort Me |
| Button3 | | 128 | 11 | Button: Visibility Control | secmonpatch >1 |
| | | | | Button: Touch Control: Release Action | Display MainControl |
| Button5 | | 8 | 11 | Button: Touch Control: Release Action | set initest 0; set initest 1; display mainmenu |
| Button12 | | 138 | 181 | Button Momentary On: "ALARM SILENCE" | ALM_SILENCE |
| | | | | " | |
| | | | | Button Momentary On: "ALARM SILENCE" | SecMon\Word > 65533 |
| | | | | ": Visibility Control | |

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|--|-------------------|
| | | | | Button Momentary On: "ALARM SILENCE ": Color Control | ALM_SILENCE |

1.1.11.3 Database Tags Used by the Component

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-----------------|-----------------|--|
| ALM_SILENCE | Digital | ALARM SILENCE |
| EXT\RUNNING | Digital | Extruder Status - Running |
| initest | Digital | |
| SecMon\Word | Analog | Current User's security access in a word |
| secmonpatch | Analog | |

1.1.12 Graphics\Display\MainControl



1.1.12.1 Display Settings

| Section | Option | Selection |
|---|--------------------------------|--------------------------------|
| Properties | Display Type | Replace |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | No |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | No (Size in Pixels: 800 x 600) |
| | Allow Display to be Resized | No |
| | Use Current Position | No (Position in Pixels: 0 x 0) |
| | Security Code | * |
| | Background Color | 0xD0D000 |
| | Behavior | Startup Command |
| Shutdown Command | | |
| Input Field Not Selected Text Color | | 0x0 |
| Input Field Not Selected Fill Color | | 0xFFFFFFFF |
| Input Field Selected Text Color | | 0xFFFFFFFF |
| Input Field Selected Fill Color | | 0x800000 |
| Beep on Press of Interactive Object | | No |
| Highlight when Cursor Passes Over Interactive Objects | | Yes Highlight Color: 0x0 |
| Highlight Color of Objects with Input Focus | | 0xFF00 |
| Display On-screen Keyboard | | Yes |

1.1.12.2 Animated Display Objects

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|---------------------------|--|
| Group38 | ++Group38 | 82 | 221 | | |
| Group43 | ++Group43 | 102 | 250 | | |
| Rectangle | | 102 | 250 | Rectangle: Color Control | If EXT\HT_SK_BYPASS Then 0 else 1 |
| StringDisplay5 | | 104 | 252 | String Display | If EXT\HT_SK_BYPASS Then "BYPASSED" Else "NORMAL" |
| Group43 | +-Group43 | | | | |
| Group46 | ++Group46 | 99 | 293 | | |
| Group45 | ++Group45 | 108 | 295 | | |
| Group45 | | 108 | 295 | Group: Visibility Control | EXT\HT_SK_RUNNING |
| | | | | Group: Color Control | EXT\HEATSOAK |
| NumericDisplay10 | | 111 | 322 | Numeric Display | EXT\HEATSOAK |
| Group45 | +-Group45 | | | | |
| Group46 | ++Group46 | | | | |
| Group47 | ++Group47 | 102 | 270 | | |
| Group47 | | 102 | 270 | Group: Color Control | If EXT\HT_SK_RUNNING Then 2 Else If EXT\HEAT_SOAK_DN Then 1 Else 0 |
| | | | | Group: Visibility Control | EXT\HT_SK_BYPASS |
| Rectangle | | 102 | 270 | Rectangle: Color Control | If EXT\HT_SK_BYPASS Then 0 else 1 |
| StringDisplay6 | | 104 | 272 | String Display | If EXT\HT_SK_RUNNING then "RUNNING" Else if EXT\HEAT_SOAK_DN then "COMPLETE" else "" |
| Group47 | +-Group47 | | | | |
| Group38 | ++Group38 | | | | |
| Group11 | ++Group11 | 77 | 45 | | |
| Group9 | ++Group9 | 77 | 45 | | |
| StringDisplay1 | | 604 | 62 | String Display | system\Time |
| Group7 | ++Group7 | 359 | 63 | | |
| StringDisplay2 | | 410 | 63 | String Display | system\User |
| Group7 | +-Group7 | | | | |
| Group8 | ++Group8 | 500 | 63 | | |
| NumericDisplay2 | | 500 | 63 | Numeric Display | system\Month |
| NumericDisplay3 | | 523 | 63 | Numeric Display | system\DayOfMonth |
| NumericDisplay4 | | 550 | 63 | Numeric Display | system\Year |
| Group8 | +-Group8 | | | | |
| Group9 | +-Group9 | | | | |
| Group11 | ++Group11 | | | | |
| Group33 | ++Group33 | 219 | 159 | | |
| Group32 | ++Group32 | 219 | 159 | | |
| Group19 | ++Group19 | 256 | 204 | | |
| Group18 | ++Group18 | 264 | 209 | | |
| Group16 | ++Group16 | 272 | 231 | | |
| Label1 | | 272 | 231 | Label: Units | EXT\SPEED |
| Group16 | +-Group16 | | | | |
| Group17 | ++Group17 | 264 | 209 | | |
| NumericDisplay5 | | 264 | 209 | Numeric Display | EXT\SPEED |
| Group17 | +-Group17 | | | | |
| Group18 | ++Group18 | | | | |
| Group19 | ++Group19 | | | | |
| Button9 | | 247 | 347 | Button Momentary On | EXT\SPD_DEC |
| Button10 | | 247 | 307 | Button Momentary On | EXT\SPD_INC |
| Group22 | ++Group22 | 600 | 204 | | |
| Group21 | ++Group21 | 605 | 208 | | |
| Label2 | | 605 | 231 | Label: Units | EXT\LOAD_PERCENT |
| Group20 | ++Group20 | 615 | 208 | | |
| NumericDisplay6 | | 615 | 208 | Numeric Display | EXT\LOAD_PERCENT |
| Group20 | +-Group20 | | | | |
| Group21 | ++Group21 | | | | |
| Group22 | ++Group22 | | | | |
| Group23 | ++Group23 | 341 | 204 | | |
| Rectangle | | 341 | 204 | Rectangle: Fill Control | EXT\SPEED |
| Group23 | +-Group23 | | | | |
| Group24 | ++Group24 | 346 | 165 | | |
| Rectangle | | 346 | 167 | Rectangle: Color Control | if EXT\RUNNING Then 0 Else If EXT\READY Then 1 ELSE If STATUS\DRV_SYS\EXTR_DRV_TRIP OR STATUS\DRV_SYS\MTR_LOAD115 OR STATUS\MELT\PRESS_HIHI OR CLUTCH\TRIPPED OR STATUS\ESTOP_ACTIVE Then 2 Else If EXT\HT_SK_RUNNING Then 3 Else "" |
| StringDisplay3 | | 355 | 165 | String Display | If EXT\RUNNING Then "DRIVE RUNNING" Else If EXT\READY Then "DRIVE READY" Else If EXT\FAULT Then "DRIVE FAULT" ELSE if STATUS\ESTOP_ACTIVE Then "E-STOP ACTIVE" Else if EXT\HT_SK_RUNNING then "HEAT SOAK CYCLE" Else if CLUTCH\TRIPPED then "CLUTCH TRIPPED" Else "" |
| Group24 | +-Group24 | | | | |
| Group26 | ++Group26 | 252 | 390 | | |
| Group25 | ++Group25 | 266 | 394 | | |

| Object Name | Grouping | X | Y | Property | Expression |
|-----------------|-----------|-----|-----|---|---|
| NumericDisplay7 | | 272 | 394 | Numeric Display | EXT\VOLT |
| Label3 | | 266 | 408 | Label: Units | EXT\VOLT |
| Group25 | +-Group25 | | | | |
| Group26 | +-Group26 | | | | |
| Group27 | ++Group27 | 482 | 204 | | |
| Rectangle | | 482 | 204 | Rectangle: Fill Control | EXT\LOAD_PERCENT |
| Group27 | +-Group27 | | | | |
| Group28 | ++Group28 | 600 | 274 | | |
| NumericDisplay8 | | 620 | 277 | Numeric Display | EXT\AMPS |
| Label4 | | 619 | 293 | Label: Units | EXT\AMPS |
| Group28 | +-Group28 | | | | |
| Button11 | | 293 | 348 | Button Toggle: "PUSH 10" | EXT\PUSH10 |
| | | | | Button Toggle: "PUSH 10": Touch Control: Press Action | Toggle EXT\PUSH10 |
| Group29 | ++Group29 | 257 | 268 | | |
| NumericInput1 | | 264 | 273 | Numeric Input | EXT\SPEED_SP |
| Group29 | +-Group29 | | | | |
| Group31 | ++Group31 | 600 | 325 | | |
| Group30 | ++Group30 | 614 | 327 | | |
| NumericDisplay9 | | 614 | 327 | Numeric Display | EXT\KW |
| Label5 | | 623 | 342 | Label: Units | EXT\KW |
| Group30 | +-Group30 | | | | |
| Group31 | +-Group31 | | | | |
| Group32 | +-Group32 | | | | |
| Group33 | +-Group33 | | | | |
| Group1 | ++Group1 | 77 | 456 | | |
| Button14 | | 224 | 465 | Button: Touch Control: Release Action Button: Visibility Control | Display Main Control Index secmonpatch > 1 |
| Button15 | | 100 | 465 | Button: Touch Control: Release Action | Display SecurityIndex |
| Button16 | | 472 | 465 | Button: Touch Control: Release Action | display System Status Index |
| Button17 | | 596 | 465 | Button: Touch Control: Release Action | Display TempControlMenu |
| Group2 | ++Group2 | 348 | 465 | | |
| Group2 | | 348 | 465 | Group: Visibility Control | secmonpatch>1 |
| Button3 | | 348 | 465 | Button: Visibility Control | secmonpatch > 1 |
| | | | | Button: Touch Control: Release Action | Display AuxControl |
| Button13 | | 348 | 465 | Button: Visibility Control Button: Touch Control: Release Action | (SETUP\ZSFE) AND (secmonpatch > 1) Display Aux Systems Index |
| Group2 | +-Group2 | | | | |
| Group1 | +-Group1 | | | | |
| Button1 | | 100 | 381 | Button Momentary On: "HEAT AUTO" | TEMPCTL\HEAT_AUTO |
| | | | | Button Momentary On: "HEAT AUTO": Color Control | TEMPCTL\HEAT_AUTO |
| Button12 | | 101 | 160 | Button Momentary On: "ALARM SILENCE" | ALM_SILENCE |
| | | | | Button Momentary On: "ALARM SILENCE" ": Visibility Control | SecMon\Word > 65533 |
| | | | | Button Momentary On: "ALARM SILENCE" ": Color Control | ALM_SILENCE |

1.1.12.3 Database Tags Used by the Component

| Tag Name | Tag Type | Tag Description |
|------------------------------|----------|--|
| ALM_SILENCE | Digital | ALARM SILENCE |
| CLUTCHTRIPPED | Digital | CLUTCH TRIPPED |
| EXTAMPS | Analog | Extruder Amps |
| EXTFAULT | Digital | Any extruder fault |
| EXTHEAT_SOAK_DN | Digital | Heat Soak is complete |
| EXTHEATSOAK | Analog | HEAT SOAK TIMER |
| EXTHT_SK_BYPASS | Digital | Extruder Status - Heat Soak Bypass |
| EXTHT_SK_RUNNING | Digital | Heat Soak Running |
| EXTKW | Analog | Extruder KW |
| EXTLOAD_PERCENT | Analog | Extruder Load Percent |
| EXTPUSH10 | Digital | Extruder Push For 10 RPM |
| EXTREADY | Digital | Extruder Status - Ready |
| EXTRUNNING | Digital | Extruder Status - Running |
| EXTSPD_DEC | Digital | Extruder Speed Decrement |
| EXTSPD_INC | Digital | Extruder Speed Increment |
| EXTSPEED | Analog | Extruder Speed |
| EXTSPEED_SP | Analog | Extruder Speed Setpoint |
| EXTVOLT | Analog | Extruder Volts |
| SecMon\Word | Analog | Current User's security access in a word |
| secmonpatch | Analog | |
| SETUP\ZSFE | Digital | Side Feeder Select Bit |
| STATUS\DRV_SYS\EXTR_DRV_TRIP | Digital | Extr Drive Tripped |
| STATUS\DRV_SYS\MTR_LOAD115 | Digital | Motor Load 115% |
| STATUS\ESTOP_ACTIVE | Digital | Emergency Stop Activated |
| STATUS\MELT\PRESS_HIHI | Digital | Melt Pressure Hi-Hi |
| system\DayOfMonth | Analog | Day of Month |
| system\Month | Analog | Month |

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-------------------|-----------------|-----------------------------------|
| system\Time | String | System time string |
| system\User | String | Currently logged on User |
| system\Year | Analog | Year |
| TEMPCTL\HEAT_AUTO | Digital | Turns all zones to automatic mode |

1.1.13 Graphics\Display\MainMenu



1.1.13.1 Display Settings

| Section | Option | Selection |
|---|--------------------------------|--------------------------------|
| Properties | Display Type | Replace |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | No |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | No (Size in Pixels: 800 x 600) |
| | Allow Display to be Resized | No |
| | Use Current Position | Yes |
| | Security Code | * |
| | Background Color | 0xD0D000 |
| | Behavior | Startup Command |
| Shutdown Command | | |
| Input Field Not Selected Text Color | | 0x0 |
| Input Field Not Selected Fill Color | | 0xFFFFFFFF |
| Input Field Selected Text Color | | 0xFFFFFFFF |
| Input Field Selected Fill Color | | 0xFF |
| Beep on Press of Interactive Object | | No |
| Highlight when Cursor Passes Over Interactive Objects | | Yes Highlight Color: 0x0 |
| Highlight Color of Objects with Input Focus | 0xFF00 | |
| Display On-screen Keyboard | No | |

1.1.13.2 Animated Display Objects

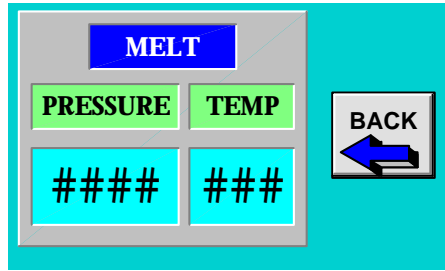
| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|-------------------------------|---|
| Group9 | ++Group9 | 154 | 83 | | |
| Group8 | ++Group8 | 219 | 151 | | |
| Group2 | ++Group2 | 219 | 158 | | |
| Group2 | | 219 | 158 | Group: Horizontal Position | animtest |
| | | | | Group: Width Control | animtest |
| Group45 | ++Group45 | 219 | 158 | | |
| Polygon | | 219 | 158 | Polygon: Color Control | (animtest > 2000) and (animtest < 2500) |
| | | | | Polygon: Fill Control | animtest |
| Group45 | +-Group45 | | | | |
| Group2 | +-Group2 | | | | |
| Group3 | ++Group3 | 268 | 172 | | |
| Group3 | | 268 | 172 | Group: Width Control | animtest |
| | | | | Group: Horizontal Position | animtest |
| Polygon | | 268 | 172 | Polygon: Color Control | (animtest > 2000) and (animtest < 2500) |
| | | | | Polygon: Fill Control | animtest |
| Group3 | +-Group3 | | | | |
| Polygon | | 323 | 174 | Polygon: Color Control | (animtest > 2000) and (animtest < 2500) |
| | | | | Polygon: Fill Control | animtest |
| | | | | Polygon: Width Control | animtest |
| | | | | Polygon: Horizontal Position | animtest |
| Polygon | | 354 | 172 | Polygon: Color Control | (animtest>2000) and (animtest<2500) |
| | | | | Polygon: Fill Control | animtest |
| | | | | Polygon: Width Control | animtest |
| | | | | Polygon: Horizontal Position | animtest |
| Polyline | | 391 | 160 | Polyline: Color Control | (animtest>2000) and (animtest<2500) |
| | | | | Polyline: Fill Control | animtest |
| | | | | Polyline: Width Control | animtest |
| | | | | Polyline: Horizontal Position | animtest |
| Group6 | ++Group6 | 430 | 173 | | |
| Group6 | | 430 | 173 | Group: Width Control | animtest |
| | | | | Group: Horizontal Position | animtest |
| Ellipse | | 430 | 173 | Ellipse: Fill Control | animtest |
| | | | | Ellipse: Color Control | (animtest > 2000) and (animtest < 2500) |
| Group6 | +-Group6 | | | | |
| Polygon | | 490 | 174 | Polygon: Color Control | (animtest>2000) and (animtest<2500) |
| | | | | Polygon: Fill Control | animtest |
| | | | | Polygon: Width Control | animtest |
| | | | | Polygon: Horizontal Position | animtest |
| Polygon | | 521 | 151 | Polygon: Color Control | (animtest>2000) and (animtest<2500) |
| | | | | Polygon: Fill Control | animtest |
| | | | | Polygon: Width Control | animtest |
| | | | | Polygon: Horizontal Position | animtest |
| Polygon | | 555 | 151 | Polygon: Color Control | (animtest>2000) and (animtest<2500) |
| | | | | Polygon: Fill Control | animtest |
| | | | | Polygon: Width Control | animtest |
| Group8 | +-Group8 | | | | |
| Group9 | +-Group9 | | | | |
| Group25 | ++Group25 | 383 | 101 | | |
| Group25 | | 383 | 101 | Group: Visibility Control | (animtest>1000) and (animtest<2000) |
| Group68 | ++Group68 | 408 | 107 | | |
| Group68 | | 408 | 107 | Group: Horizontal Position | system\second |
| Polygon | | 444 | 110 | Polygon: Width Control | animtest |
| | | | | Polygon: Fill Control | animtest |
| | | | | Polygon: Visibility Control | animtest>1000 |
| Polygon | | 455 | 127 | Polygon: Fill Control | animtest |
| | | | | Polygon: Width Control | animtest |
| | | | | Polygon: Visibility Control | animtest>1000 |
| Polygon | | 459 | 110 | Polygon: Width Control | animtest |
| | | | | Polygon: Fill Control | animtest |
| | | | | Polygon: Visibility Control | animtest>1000 |
| Polygon | | 470 | 128 | Polygon: Width Control | animtest |
| | | | | Polygon: Fill Control | animtest |
| | | | | Polygon: Visibility Control | animtest>1000 |
| Polygon | | 474 | 110 | Polygon: Width Control | animtest |
| | | | | Polygon: Fill Control | animtest |
| | | | | Polygon: Visibility Control | animtest>1000 |
| Polygon | | 485 | 128 | Polygon: Width Control | animtest |
| | | | | Polygon: Fill Control | animtest |
| | | | | Polygon: Visibility Control | animtest>1000 |
| Polygon | | 489 | 110 | Polygon: Fill Control | animtest |
| | | | | Polygon: Width Control | animtest |
| | | | | Polygon: Visibility Control | animtest>1000 |
| Polygon | | 500 | 128 | Polygon: Width Control | animtest |
| | | | | Polygon: Fill Control | animtest |
| | | | | Polygon: Visibility Control | animtest>1000 |
| Polygon | | 505 | 110 | Polygon: Fill Control | animtest |
| | | | | Polygon: Width Control | animtest |
| | | | | Polygon: Visibility Control | animtest>1000 |
| Polygon | | 515 | 128 | Polygon: Width Control | animtest |
| | | | | Polygon: Fill Control | animtest |
| | | | | Polygon: Visibility Control | animtest>1000 |
| Polygon | | 518 | 110 | Polygon: Fill Control | animtest |
| | | | | Polygon: Width Control | animtest |
| | | | | Polygon: Visibility Control | animtest>1000 |

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|---------------------------------------|---|
| Polygon | | 528 | 128 | Polygon: Width Control | animtest |
| | | | | Polygon: Fill Control | animtest |
| | | | | Polygon: Visibility Control | animtest>1000 |
| Polygon | | 532 | 110 | Polygon: Fill Control | animtest |
| | | | | Polygon: Width Control | animtest |
| | | | | Polygon: Visibility Control | animtest>1000 |
| Polygon | | 543 | 128 | Polygon: Width Control | animtest |
| | | | | Polygon: Fill Control | animtest |
| | | | | Polygon: Visibility Control | animtest>1000 |
| Polygon | | 545 | 110 | Polygon: Fill Control | animtest |
| | | | | Polygon: Width Control | animtest |
| | | | | Polygon: Visibility Control | animtest>1000 |
| Polygon | | 557 | 128 | Polygon: Width Control | animtest |
| | | | | Polygon: Fill Control | animtest |
| | | | | Polygon: Visibility Control | animtest>1000 |
| Polygon | | 559 | 110 | Polygon: Fill Control | animtest |
| | | | | Polygon: Width Control | animtest |
| | | | | Polygon: Visibility Control | animtest>1000 |
| Polygon | | 570 | 128 | Polygon: Width Control | animtest |
| | | | | Polygon: Fill Control | animtest |
| | | | | Polygon: Visibility Control | animtest>1000 |
| Group68 | +-Group68 | | | | |
| Group25 | +-Group25 | | | | |
| Button12 | | 596 | 323 | Button Momentary On: "ALARM SILENCE" | ALM_SILENCE |
| | | | | " | |
| | | | | Button Momentary On: "ALARM SILENCE" | SecMon\Word > 65533 |
| | | | | ": Visibility Control | |
| | | | | Button Momentary On: "ALARM SILENCE" | ALM_SILENCE |
| | | | | ": Color Control | |
| Group46 | ++Group46 | 316 | 326 | | |
| StringDisplay2 | | 366 | 326 | String Display | system\User |
| Group46 | +-Group46 | | | | |
| Button15 | | 91 | 395 | Button: Touch Control: Release Action | Display SecurityIndex |
| Button17 | | 587 | 395 | Button: Touch Control: Release Action | Display TempControlMenu |
| Group47 | ++Group47 | 339 | 395 | | |
| Group47 | | 339 | 395 | Group: Visibility Control | secmonpatch>1 |
| Button4 | | 339 | 395 | Button: Touch Control: Release Action | Display AuxControl |
| Button13 | | 339 | 395 | Button: Visibility Control | (SETUP\ZSFE) or SETUP\ZSFE2 AND (secmonpatch > 1) |
| | | | | Button: Touch Control: Release Action | Display Aux Systems Index |
| Group47 | +-Group47 | | | | |
| Button7 | | 91 | 310 | Button: "HELP SCREEN" | Display HelpScreenIndex |
| | | | | ": Touch Control: Release Action | |
| | | | | Button: "HELP SCREEN" | system\User = "DEFAULT" |
| | | | | ": Visibility Control | |
| Button1 | | 215 | 395 | Button: Touch Control: Release Action | Display Main Control Index |
| | | | | Button: Visibility Control | secmonpatch > 1 |
| Button2 | | 462 | 395 | Button: Touch Control: Release Action | display System Status Index |

1.1.13.3 Database Tags Used by the Component

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-----------------|-----------------|--|
| ALM_SILENCE | Digital | ALARM SILENCE |
| animtest | Analog | |
| SecMon\Word | Analog | Current User's security access in a word |
| secmonpatch | Analog | |
| SETUP\ZSFE | Digital | Side Feeder Select Bit |
| SETUP\ZSFE2 | Digital | |
| system\second | Analog | Seconds (0 - 59) |
| system\User | String | Currently logged on User |

1.1.14 Graphics\Display\MeltTempPopup



1.1.14.1 Display Settings

| Section | Option | Selection |
|---|--------------------------------|--------------------------------|
| Properties | Display Type | On Top |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | No |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | No (Size in Pixels: 210 x 125) |
| | Allow Display to be Resized | Yes: When Resized - Scale |
| | Use Current Position | Yes |
| | Security Code | * |
| | Background Color | 0xD0D000 |
| | Behavior | Startup Command |
| Shutdown Command | | |
| Input Field Not Selected Text Color | | 0x0 |
| Input Field Not Selected Fill Color | | 0xFFFFFFFF |
| Input Field Selected Text Color | | 0xFFFFFFFF |
| Input Field Selected Fill Color | | 0xFF |
| Beep on Press of Interactive Object | | No |
| Highlight when Cursor Passes Over Interactive Objects | | Yes Highlight Color: 0x0 |
| Highlight Color of Objects with Input Focus | | 0xFF00 |
| Display On-screen Keyboard | | No |

1.1.14.2 Animated Display Objects

| Object Name | Grouping | X | Y | Property | Expression |
|-----------------|-----------|-----|----|--|-----------------------------------|
| Button9 | | 152 | 42 | Button: "BACK" | ABORT ME |
| | | | | ": Touch Control: Release Action Button: "BACK" | ALM_SILENCE |
| | | | | ": Color Control Button: "BACK" | SecMon\Word > 65533 |
| | | | | ": Visibility Control | |
| Group89 | ++Group89 | 5 | 4 | | |
| Group6 | ++Group6 | 11 | 38 | | |
| Group71 | ++Group71 | 11 | 68 | | |
| NumericDisplay7 | | 20 | 73 | Numeric Display | EXTPRESS |
| Group71 | +-Group71 | | | | |
| Group3 | ++Group3 | 85 | 68 | | |
| NumericDisplay1 | | 91 | 73 | Numeric Display | STATUS\TEMP\FEED_ZONE_TEMPERATURE |
| Group3 | +-Group3 | | | | |
| Group6 | ++Group6 | | | | |
| Group89 | +Group89 | | | | |

1.1.14.3 Database Tags Used by the Component

| Tag Name | Tag Type | Tag Description |
|-----------------------------------|----------|--|
| ALM_SILENCE | Digital | ALARM SILENCE |
| EXTPRESS | Analog | Melt Pressure 1 |
| SecMon\Word | Analog | Current User's security access in a word |
| STATUS\TEMP\FEED_ZONE_TEMPERATURE | Analog | Feed Zone Temperature |

1.1.15 Graphics\Display\Menu Buttons



1.1.15.1 Display Settings

| Section | Option | Selection |
|---|--------------------------------|--------------------------------|
| Properties | Display Type | Replace |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | No |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | No (Size in Pixels: 628 x 478) |
| | Allow Display to be Resized | Yes: When Resized - Scale |
| | Use Current Position | Yes |
| | Security Code | * |
| | Background Color | 0xD0D000 |
| | Behavior | Startup Command |
| Shutdown Command | | |
| Input Field Not Selected Text Color | | 0x0 |
| Input Field Not Selected Fill Color | | 0xFFFFFFFF |
| Input Field Selected Text Color | | 0xFFFFFFFF |
| Input Field Selected Fill Color | | 0xFF |
| Beep on Press of Interactive Object | | No |
| Highlight when Cursor Passes Over Interactive Objects | | Yes Highlight Color: 0x0 |
| Highlight Color of Objects with Input Focus | 0xFF00 | |
| Display On-screen Keyboard | No | |

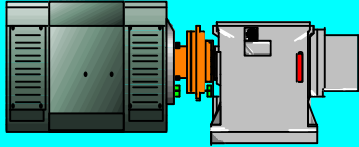
1.1.15.2 Animated Display Objects

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|---------------------------------------|-----------------------------|
| Button2 | | 147 | 397 | Button: Visibility Control | secmonpatch > 1 |
| | | | | Button: Touch Control: Release Action | Display Main Control Index |
| Button3 | | 23 | 397 | Button: Touch Control: Release Action | Display SecurityIndex |
| Button1 | | 271 | 397 | Button: Touch Control: Release Action | Display Aux Systems Index |
| Button6 | | 395 | 397 | Button: Touch Control: Release Action | display System Status Index |

1.1.15.3 Database Tags Used by the Component

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-----------------|-----------------|------------------------|
| secmonpatch | Analog | |

1.1.16 Graphics\Display\Motor and Gear Box



1.1.16.1 Display Settings

| <u>Section</u> | <u>Option</u> | <u>Selection</u> |
|----------------|---|--------------------------------|
| Properties | Display Type | Replace |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | No |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | No (Size in Pixels: 723 x 512) |
| | Allow Display to be Resized | Yes: When Resized - Scale |
| | Use Current Position | Yes |
| | Security Code | * |
| | Background Color | 0xFFFF00 |
| Behavior | Startup Command | |
| | Shutdown Command | |
| | Input Field Not Selected Text Color | 0x0 |
| | Input Field Not Selected Fill Color | 0xFFFFFFFF |
| | Input Field Selected Text Color | 0xFFFFFFFF |
| | Input Field Selected Fill Color | 0xFF |
| | Beep on Press of Interactive Object | No |
| | Highlight when Cursor Passes Over Interactive Objects | Yes Highlight Color: 0x0 |
| | Highlight Color of Objects with Input Focus | 0xFF00 |
| | Display On-screen Keyboard | No |

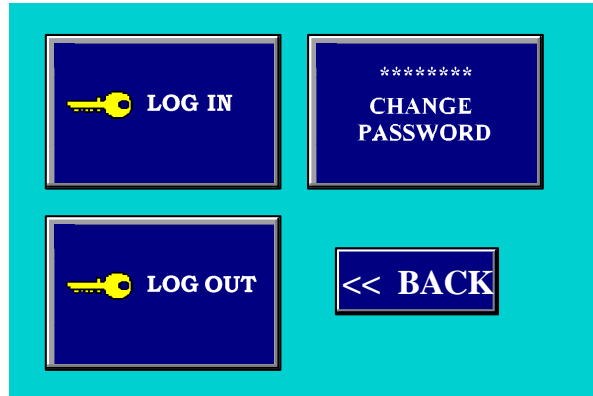
1.1.16.2 Animated Display Objects

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|---------------------------|-------------------|
| Group25 | ++Group25 | 77 | 74 | | |
| Group1 | ++Group1 | 186 | 85 | | |
| Polygon | | 209 | 90 | Polygon: Rotation Control | system\second |
| Group1 | +-Group1 | | | | |
| Group25 | + -Group25 | | | | |

1.1.16.3 Database Tags Used by the Component

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-----------------|-----------------|------------------------|
| system\second | Analog | Seconds (0 - 59) |

1.1.17 Graphics\Display\SecurityIndex



1.1.17.1 Display Settings

| Section | Option | Selection |
|------------|---|-----------------------------------|
| Properties | Display Type | On Top |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | No |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | Yes |
| | Allow Display to be Resized | Yes: When Resized - Scale |
| | Use Current Position | No (Position in Pixels: 25 x 101) |
| | Security Code | * |
| | Background Color | 0xD0D000 |
| Behavior | Startup Command | |
| | Shutdown Command | |
| | Input Field Not Selected Text Color | 0x0 |
| | Input Field Not Selected Fill Color | 0xFFFFFFFF |
| | Input Field Selected Text Color | 0xFFFFFFFF |
| | Input Field Selected Fill Color | 0xFF |
| | Beep on Press of Interactive Object | No |
| | Highlight when Cursor Passes Over Interactive Objects | Yes Highlight Color: 0x0 |
| | Highlight Color of Objects with Input Focus | 0xFF00 |
| | Display On-screen Keyboard | No |

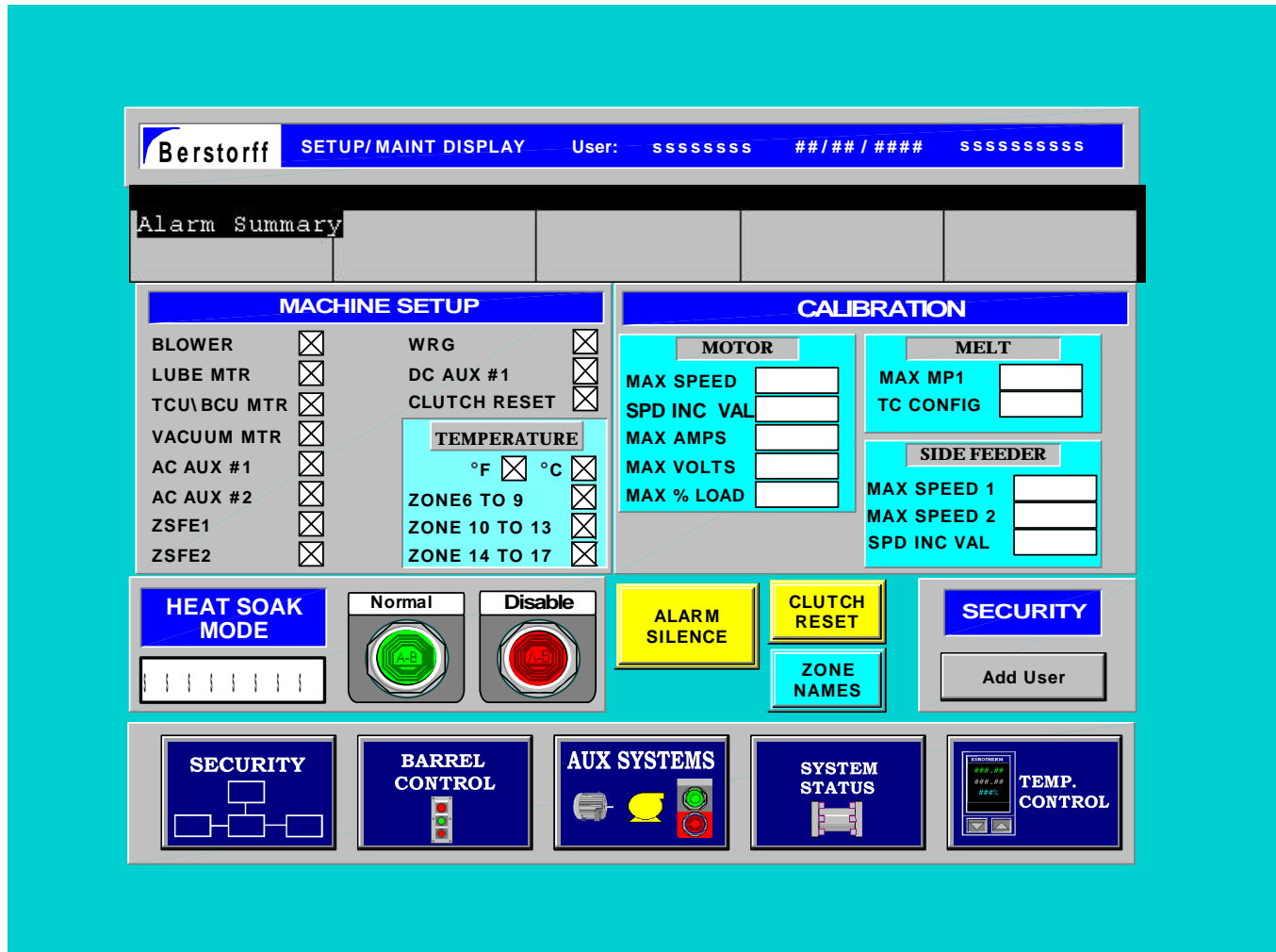
1.1.17.2 Animated Display Objects

| Object Name | Grouping | X | Y | Property | Expression |
|-------------|----------|-----|-----|--|-----------------------------|
| Button11 | | 140 | 15 | Button: Touch Control: Release Action | Password; abort me |
| | | | | Button: Visibility Control | system\User = "DEFAULT" |
| Button7 | | 153 | 115 | Button: "<< BACK": Touch Control: Release Action | Abort SecurityIndex |
| Button1 | | 17 | 15 | Button: Touch Control: Release Action | appstart rsvlogin; abort me |
| Button2 | | 17 | 100 | Button: Touch Control: Release Action | Logout; abort me |
| | | | | Button: Visibility Control | system\User = "DEFAULT" |

1.1.17.3 Database Tags Used by the Component

| Tag Name | Tag Type | Tag Description |
|-------------|----------|--------------------------|
| system\User | String | Currently logged on User |

1.1.18 Graphics\Display\SetupMaint



1.1.18.1 Display Settings

| Section | Option | Selection |
|---|--------------------------------|--------------------------------|
| Properties | Display Type | Replace |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | No |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | No (Size in Pixels: 800 x 600) |
| | Allow Display to be Resized | No |
| | Use Current Position | No (Position in Pixels: 0 x 0) |
| | Security Code | * |
| | Background Color | 0xD0D000 |
| | Behavior | Startup Command |
| Shutdown Command | | |
| Input Field Not Selected Text Color | | 0x0 |
| Input Field Not Selected Fill Color | | 0xFFFFFFFF |
| Input Field Selected Text Color | | 0xFFFFFFFF |
| Input Field Selected Fill Color | | 0x800000 |
| Beep on Press of Interactive Object | | No |
| Highlight when Cursor Passes Over Interactive Objects | | Yes Highlight Color: 0x0 |
| Highlight Color of Objects with Input Focus | 0xFF00 | |
| Display On-screen Keyboard | Yes | |

1.1.18.2 Animated Display Objects

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|--|---------------------------|
| Group80 | ++Group80 | 74 | 65 | | |
| Group78 | ++Group78 | 74 | 65 | | |
| StringDisplay2 | | 601 | 82 | String Display | system\Time |
| Group76 | ++Group76 | 356 | 83 | | |
| StringDisplay3 | | 407 | 83 | String Display | system\User |
| Group76 | +-Group76 | | | | |
| Group77 | ++Group77 | 497 | 83 | | |
| NumericDisplay1 | | 497 | 83 | Numeric Display | system\Month |
| NumericDisplay2 | | 520 | 83 | Numeric Display | system\DayOfMonth |
| NumericDisplay3 | | 547 | 83 | Numeric Display | system\Year |
| Group77 | +-Group77 | | | | |
| Group78 | ++Group78 | | | | |
| Group80 | ++Group80 | | | | |
| Group15 | ++Group15 | 81 | 176 | | |
| Group37 | ++Group37 | 81 | 176 | | |
| Group20 | ++Group20 | 253 | 205 | | |
| Group17 | ++Group17 | 357 | 205 | | |
| Rectangle | | 357 | 205 | Rectangle: Touch Control: Press Action | Toggle SETUP\WRG |
| Group16 | ++Group16 | 357 | 205 | | |
| Group16 | | 357 | 205 | Group: Visibility Control | SETUP\WRG |
| Group16 | +-Group16 | | | | |
| Group17 | ++Group17 | | | | |
| Group19 | ++Group19 | 357 | 223 | | |
| Rectangle | | 357 | 223 | Rectangle: Touch Control: Press Action | Toggle SETUP\DC_AUX_1 |
| Group18 | ++Group18 | 357 | 223 | | |
| Group18 | | 357 | 223 | Group: Visibility Control | SETUP\DC_AUX_1 |
| Group18 | +-Group18 | | | | |
| Group19 | +-Group19 | | | | |
| Group98 | ++Group98 | 357 | 241 | | |
| Rectangle | | 357 | 241 | Rectangle: Touch Control: Press Action | Toggle SETUP\CLUTCH_RESET |
| Group97 | ++Group97 | 357 | 241 | | |
| Group97 | | 357 | 241 | Group: Visibility Control | SETUP\CLUTCH_RESET |
| Group97 | +-Group97 | | | | |
| Group98 | +-Group98 | | | | |
| Group20 | +-Group20 | | | | |
| Group36 | ++Group36 | 91 | 206 | | |
| Group22 | ++Group22 | 184 | 206 | | |
| Rectangle | | 184 | 206 | Rectangle: Touch Control: Press Action | Toggle SETUP\BLOWER |
| Group21 | ++Group21 | 184 | 206 | | |
| Group21 | | 184 | 206 | Group: Visibility Control | SETUP\BLOWER |
| Group21 | +-Group21 | | | | |
| Group22 | +-Group22 | | | | |
| Group24 | ++Group24 | 184 | 225 | | |
| Rectangle | | 184 | 225 | Rectangle: Touch Control: Press Action | Toggle SETUP\LUBE_MTR |
| Group23 | ++Group23 | 184 | 225 | | |
| Group23 | | 184 | 225 | Group: Visibility Control | SETUP\LUBE_MTR |
| Group23 | +-Group23 | | | | |
| Group24 | +-Group24 | | | | |
| Group26 | ++Group26 | 184 | 245 | | |
| Rectangle | | 184 | 245 | Rectangle: Touch Control: Press Action | Toggle SETUP\TCU_BCU_MTR |
| Group25 | ++Group25 | 184 | 245 | | |
| Group25 | | 184 | 245 | Group: Visibility Control | SETUP\TCU_BCU_MTR |
| Group25 | +-Group25 | | | | |
| Group26 | +-Group26 | | | | |
| Group28 | ++Group28 | 184 | 263 | | |
| Rectangle | | 184 | 263 | Rectangle: Touch Control: Press Action | Toggle SETUP\VACUUM_MTR |
| Group27 | ++Group27 | 184 | 263 | | |
| Group27 | | 184 | 263 | Group: Visibility Control | SETUP\VACUUM_MTR |
| Group27 | +-Group27 | | | | |
| Group28 | +-Group28 | | | | |
| Group30 | ++Group30 | 184 | 282 | | |
| Rectangle | | 184 | 282 | Rectangle: Touch Control: Press Action | Toggle SETUP\AC_AUX_1 |
| Group29 | ++Group29 | 184 | 282 | | |
| Group29 | | 184 | 282 | Group: Visibility Control | SETUP\AC_AUX_1 |
| Group29 | +-Group29 | | | | |
| Group30 | +-Group30 | | | | |
| Group32 | ++Group32 | 184 | 301 | | |
| Rectangle | | 184 | 301 | Rectangle: Touch Control: Press Action | Toggle SETUP\AC_AUX_2 |
| Group31 | ++Group31 | 184 | 301 | | |
| Group31 | | 184 | 301 | Group: Visibility Control | SETUP\AC_AUX_2 |
| Group31 | +-Group31 | | | | |
| Group32 | +-Group32 | | | | |
| Group35 | ++Group35 | 184 | 320 | | |
| Group34 | ++Group34 | 184 | 320 | | |
| Rectangle | | 184 | 320 | Rectangle: Touch Control: Press Action | Toggle SETUP\ZSFE |
| Group33 | ++Group33 | 184 | 320 | | |
| Group33 | | 184 | 320 | Group: Visibility Control | SETUP\ZSFE |
| Group33 | +-Group33 | | | | |
| Group34 | +-Group34 | | | | |
| Group35 | +-Group35 | | | | |
| Group82 | ++Group82 | 184 | 339 | | |
| Group73 | ++Group73 | 184 | 339 | | |
| Rectangle | | 184 | 339 | Rectangle: Touch Control: Press Action | Toggle SETUP\ZSFE2 |
| Group41 | ++Group41 | 184 | 339 | | |

| Object Name | Grouping | X | Y | Property | Expression |
|----------------|------------|-----|-----|---|--|
| Group41 | | 184 | 339 | Group: Visibility Control | SETUP\ZSFE2 |
| Group41 | +-Group41 | | | | |
| Group73 | +-Group73 | | | | |
| Group82 | +-Group82 | | | | |
| Group36 | +-Group36 | | | | |
| Group37 | +-Group37 | | | | |
| Group83 | ++Group83 | 249 | 261 | | |
| Group85 | ++Group85 | 356 | 303 | | |
| Rectangle | | 356 | 303 | Rectangle: Touch Control: Press Action | Toggle SETUP\Z6TO9 |
| Group84 | ++Group84 | 356 | 303 | | |
| Group84 | | 356 | 303 | Group: Visibility Control | SETUP\Z6TO9 |
| Group84 | +-Group84 | | | | |
| Group85 | +-Group85 | | | | |
| Group87 | ++Group87 | 356 | 321 | | |
| Rectangle | | 356 | 321 | Rectangle: Touch Control: Press Action | Toggle SETUP\Z10TO13 |
| Group86 | ++Group86 | 356 | 321 | | |
| Group86 | | 356 | 321 | Group: Visibility Control | SETUP\Z10TO13 |
| Group86 | +-Group86 | | | | |
| Group87 | +-Group87 | | | | |
| Group89 | ++Group89 | 356 | 339 | | |
| Rectangle | | 356 | 339 | Rectangle: Touch Control: Press Action | Toggle SETUP\Z14TO17 |
| Group88 | ++Group88 | 356 | 339 | | |
| Group88 | | 356 | 339 | Group: Visibility Control | SETUP\Z14TO17 |
| Group88 | +-Group88 | | | | |
| Group89 | +-Group89 | | | | |
| Group105 | ++Group105 | 337 | 285 | | |
| Group99 | ++Group99 | 356 | 285 | | |
| Rectangle | | 356 | 285 | Rectangle: Touch Control: Press Action | set SETUP\UNITSC 1; VbaExec ModifyTempUnitsC; set TEMPCTL\Z2TO5TempUnits 1; set TEMPCTL\Z6TO9TempUnits 1; set TEMPCTL\Z10TO13TempUnits 1; set TEMPCTL\Z14TO17TempUnits 1; ;&Set STATUS\TEMP\FeedTempUnits 0; set Status\Temp\MeltTempUnits 0 |
| Group94 | ++Group94 | 356 | 285 | | |
| Group94 | | 356 | 285 | Group: Visibility Control | SETUP\UNITSC |
| Group94 | +-Group94 | | | | |
| Group99 | +-Group99 | | | | |
| Group105 | +-Group105 | | | | |
| Group111 | ++Group111 | 293 | 285 | | |
| Group107 | ++Group107 | 312 | 285 | | |
| Rectangle | | 312 | 285 | Rectangle: Touch Control: Press Action | set SETUP\UNITSC 0; VbaExec ModifyTempUnitsF; set TEMPCTL\Z2TO5TempUnits 0; set TEMPCTL\Z6TO9TempUnits 0; set TEMPCTL\Z10TO13TempUnits 0; set TEMPCTL\Z14TO17TempUnits 0; ;&Set STATUS\TEMP\FeedTempUnits 1; set Status\Temp\MeltTempUnits 1 |
| Group106 | ++Group106 | 312 | 285 | | |
| Group106 | | 312 | 285 | Group: Visibility Control | SETUP\UNITSC |
| Group106 | +-Group106 | | | | |
| Group107 | +-Group107 | | | | |
| Group111 | +-Group111 | | | | |
| Group83 | +-Group83 | | | | |
| Group15 | +-Group15 | | | | |
| Group5 | ++Group5 | 575 | 362 | | |
| Button1 | | 589 | 409 | Button: "Add User": Touch Control: Release Action | Account |
| Group5 | +-Group5 | | | | |
| Group72 | ++Group72 | 77 | 361 | | |
| Group57 | ++Group57 | 215 | 370 | | |
| Group56 | ++Group56 | 226 | 388 | | |
| Group55 | ++Group55 | 237 | 398 | | |
| Group55 | | 237 | 398 | Group: Touch Control: Press Action | EXTHT_SK_NORMAL = 1 |
| | | | | Group: Touch Control: Release Action | EXTHT_SK_NORMAL = 0 |
| Group55 | +-Group55 | | | | |
| Group56 | +-Group56 | | | | |
| Group57 | +-Group57 | | | | |
| Group70 | ++Group70 | 298 | 370 | | |
| Group69 | ++Group69 | 309 | 388 | | |
| Group68 | ++Group68 | 317 | 396 | | |
| Group68 | | 317 | 396 | Group: Touch Control: Press Action | EXTHT_SK_DISABLE = 1 |
| | | | | Group: Touch Control: Release Action | EXTHT_SK_DISABLE = 0 |
| Group68 | +-Group68 | | | | |
| Group69 | +-Group69 | | | | |
| Group70 | +-Group70 | | | | |
| Group71 | ++Group71 | 83 | 411 | | |
| StringDisplay1 | | 86 | 414 | String Display | If EXTHT_SK_BYPASS Then "BYPASSED" Else "NORMAL" |
| Group71 | +-Group71 | | | | |
| Group72 | +-Group72 | | | | |
| Button15 | | 97 | 461 | Button: Touch Control: Release Action | Display SecurityIndex |
| Button17 | | 593 | 461 | Button: Touch Control: Release Action | Display TempControlMenu |
| Group13 | ++Group13 | 345 | 461 | | |
| Group13 | | 345 | 461 | Group: Visibility Control | secmonpatch>1 |
| Button5 | | 345 | 461 | Button: Visibility Control | secmonpatch > 1 |
| | | | | Button: Touch Control: Release Action | Display AuxControl |
| Button13 | | 345 | 461 | Button: Visibility Control | (SETUP\ZSFE) or setup\zsfe2 AND (secmonpatch > 1) |

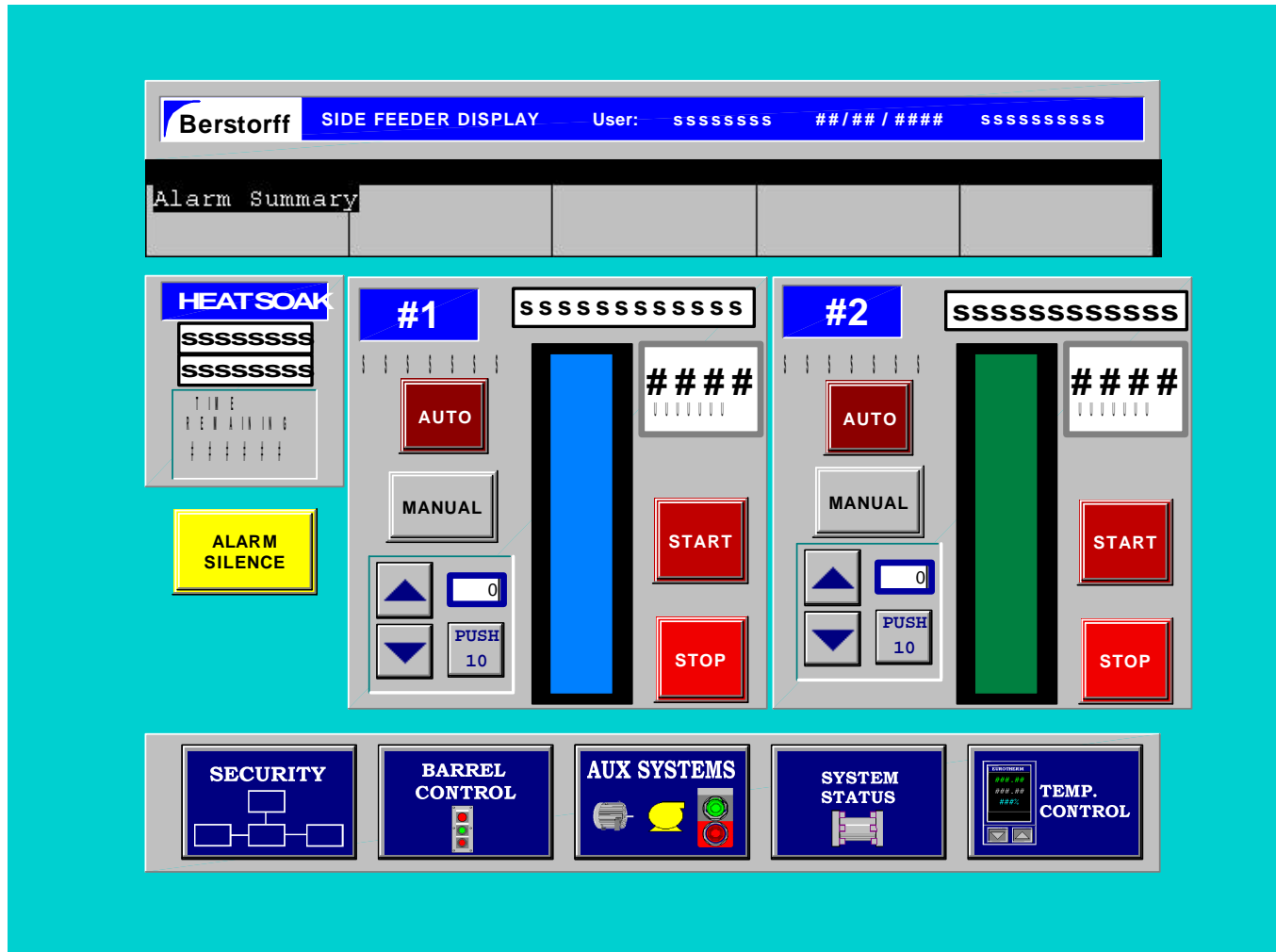
| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|--|-----------------------------|
| Group13 | | | | Button: Touch Control: Release Action | Display Aux Systems Index |
| Group12 | +-Group13 | | | | |
| Group12 | ++Group12 | 481 | 363 | | |
| Button3 | | 481 | 363 | Button Momentary On: "CLUTCH RESET" | CLUTCH\RESET |
| | | | | Button Momentary On: "CLUTCH RESET": Color Control | CLUTCH\RESET |
| | | | | Button Momentary On: "CLUTCH RESET": Visibility Control | SETUP\CLUTCH_RESET |
| Button2 | | 481 | 406 | Button: "ZONE NAMES": Touch Control: Release Action | display ZoneNames |
| Group12 | +-Group12 | | | | |
| Group14 | ++Group14 | 383 | 176 | | |
| Group103 | ++Group103 | 386 | 208 | | |
| Group109 | ++Group109 | 390 | 229 | | |
| NumericInput13 | | 472 | 229 | Numeric Input | CALIB\MAX_SPEED |
| NumericInput14 | | 472 | 265 | Numeric Input | CALIB\MAX_AMPS |
| NumericInput15 | | 472 | 301 | Numeric Input | CALIB\PC_LOAD_CAL |
| NumericInput16 | | 472 | 283 | Numeric Input | CALIB\ARM_V_CAL |
| NumericInput17 | | 472 | 247 | Numeric Input | CALIB\EXT_SPD_INC_VALUE |
| Group109 | +-Group109 | | | | |
| Group103 | ++Group103 | | | | |
| Group120 | ++Group120 | 541 | 275 | | |
| Group120 | | 541 | 275 | Group: Visibility Control | SETUP\ZSFE OR SETUP\ZSFE2 |
| Group121 | ++Group121 | 542 | 297 | | |
| Group121 | | 542 | 297 | Group: Visibility Control | SETUP\ZSFE |
| NumericInput18 | | 635 | 297 | Numeric Input | CALIB\MAX_SF_SPEED |
| Group121 | +-Group121 | | | | |
| NumericInput19 | | 635 | 331 | Numeric Input | CALIB\SF_SPD_INC_VALUE |
| Group93 | ++Group93 | 542 | 314 | | |
| Group93 | | 542 | 314 | Group: Visibility Control | SETUP\ZSFE2 |
| NumericInput1 | | 635 | 314 | Numeric Input | CALIB\MAX_SF2_SPEED |
| Group93 | +-Group93 | | | | |
| Group120 | ++Group120 | | | | |
| Group131 | ++Group131 | 541 | 208 | | |
| NumericInput20 | | 626 | 244 | Numeric Input | STATUS\TEMP\TC_CONFIG_WRD |
| NumericInput21 | | 626 | 227 | Numeric Input | CALIB\MP1_CAL |
| Group131 | +-Group131 | | | | |
| Group14 | +-Group14 | | | | |
| Button12 | | 384 | 365 | Button Momentary On: "ALARM SILENCE" | ALM_SILENCE |
| | | | | Button Momentary On: "ALARM SILENCE": Visibility Control | SecMon\Word > 65533 |
| | | | | Button Momentary On: "ALARM SILENCE": Color Control | ALM_SILENCE |
| Button4 | | 221 | 461 | Button: Touch Control: Release Action | Display Main Control Index |
| | | | | Button: Visibility Control | secmonpatch > 1 |
| Button6 | | 469 | 461 | Button: Touch Control: Release Action | display System Status Index |

1.1.18.3 Database Tags Used by the Component

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-------------------------|-----------------|--|
| ALM_SILENCE | Digital | ALARM SILENCE |
| CALIB\ARM_V_CAL | Analog | |
| CALIB\EXT_SPD_INC_VALUE | Analog | Speed Increment Value |
| CALIB\MAX_AMPS | Analog | |
| CALIB\MAX_SF_SPEED | Analog | |
| CALIB\MAX_SF2_SPEED | Analog | |
| CALIB\MAX_SPEED | Analog | |
| CALIB\MP1_CAL | Analog | |
| CALIB\PC_LOAD_CAL | Analog | |
| CALIB\SF_SPD_INC_VALUE | Analog | Speed Increment Value |
| CLUTCH\RESET | Digital | CLUTCH RESET |
| EXT\HT_SK_BYPASS | Digital | Extruder Status - Heat Soak Bypass |
| EXT\HT_SK_DISABLE | Digital | Disable Heat Soak |
| EXT\HT_SK_NORMAL | Digital | Normal Heat Soak Pushbutton |
| SecMon\Word | Analog | Current User's security access in a word |
| secmonpatch | Analog | |
| SETUP\VAC_AUX_1 | Digital | Screw Extractor Setup Bit |
| SETUP\VAC_AUX_2 | Digital | |
| SETUP\BLOWER | Digital | Blower Select Bit |
| SETUP\CLUTCH_RESET | Digital | Electric clutch reset Select Bit |
| SETUP\DC_AUX_1 | Digital | Setup DC Aux Drive |
| SETUP\LUBE_MTR | Digital | Select Lube Motor |
| SETUP\TCU_BCU_MTR | Digital | TCU Select Bit |
| SETUP\UNITSC | Digital | |
| SETUP\VACUUM_MTR | Digital | Select Vacuum |
| SETUP\WRG | Digital | WRG Select Bit |
| SETUP\Z10TO13 | Digital | Setup Zone 10 to Zone 13 |
| SETUP\Z14TO17 | Digital | |
| SETUP\Z6TO9 | Digital | |

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|---------------------------|-----------------|-------------------------------|
| SETUP\ZSFE | Digital | Side Feeder Select Bit |
| setup\zsfe2 | Digital | |
| STATUS\TEMP\FeedTempUnits | Digital | 0 = C, 1 = F |
| Status\Temp\MeltTempUnits | Digital | |
| STATUS\TEMP\TC_CONFIG_WRD | Analog | NT4 module configuration word |
| system\DayOfMonth | Analog | Day of Month |
| system\Month | Analog | Month |
| system\Time | String | System time string |
| system\User | String | Currently logged on User |
| system\Year | Analog | Year |
| TEMPCTL\Z10TO13TempUnits | Digital | |
| TEMPCTL\Z14TO17TempUnits | Digital | |
| TEMPCTL\Z2TO5TempUnits | Digital | 1 = Celsius, 0 = Farenheit |
| TEMPCTL\Z6TO9TempUnits | Digital | |

1.1.19 Graphics\Display\Side Feeders



1.1.19.1 Display Settings

| Section | Option | Selection |
|---|--------------------------------|--------------------------------|
| Properties | Display Type | Replace |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | No |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | No (Size in Pixels: 800 x 600) |
| | Allow Display to be Resized | No |
| | Use Current Position | No (Position in Pixels: 0 x 0) |
| | Security Code | * |
| | Background Color | 0xD0D000 |
| | Behavior | Startup Command |
| Shutdown Command | | |
| Input Field Not Selected Text Color | | 0x0 |
| Input Field Not Selected Fill Color | | 0xFFFFFFFF |
| Input Field Selected Text Color | | 0xFFFFFFFF |
| Input Field Selected Fill Color | | 0x800000 |
| Beep on Press of Interactive Object | | No |
| Highlight when Cursor Passes Over Interactive Objects | | Yes Highlight Color: 0x0 |
| Highlight Color of Objects with Input Focus | | 0xFF00 |
| Display On-screen Keyboard | | Yes |

1.1.19.2 Animated Display Objects

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|---|---|
| Group8 | ++Group8 | 87 | 48 | | |
| Group6 | ++Group6 | 87 | 48 | | |
| StringDisplay1 | | 614 | 65 | String Display | system\Time |
| Group4 | ++Group4 | 369 | 66 | | |
| StringDisplay2 | | 420 | 66 | String Display | system\User |
| Group4 | +-Group4 | | | | |
| Group5 | ++Group5 | 510 | 66 | | |
| NumericDisplay1 | | 510 | 66 | Numeric Display | system\Month |
| NumericDisplay2 | | 533 | 66 | Numeric Display | system\DayOfMonth |
| NumericDisplay3 | | 560 | 66 | Numeric Display | system\Year |
| Group5 | +-Group5 | | | | |
| Group6 | ++Group6 | | | | |
| Group8 | +Group8 | | | | |
| Group26 | ++Group26 | 215 | 172 | | |
| Group26 | | 215 | 172 | Group: Visibility Control | SETUP\ZSFE |
| Group22 | ++Group22 | 215 | 172 | | |
| Group22 | | 215 | 172 | Group: Visibility Control | SETUP\ZSFE |
| Group19 | ++Group19 | 398 | 212 | | |
| Group18 | ++Group18 | 403 | 224 | | |
| Group16 | ++Group16 | 408 | 249 | | |
| Label1 | | 408 | 249 | Label: Units | SIDEFDR\SPEED |
| Group16 | +-Group16 | | | | |
| Group17 | ++Group17 | 403 | 224 | | |
| NumericDisplay5 | | 403 | 224 | Numeric Display | SIDEFDR\SPEED |
| Group17 | +-Group17 | | | | |
| Group18 | +-Group18 | | | | |
| Group19 | +-Group19 | | | | |
| Group20 | ++Group20 | 331 | 214 | | |
| Rectangle | | 342 | 220 | Rectangle: Fill Control | SIDEFDR\SPEED |
| Group20 | +-Group20 | | | | |
| Group21 | ++Group21 | 318 | 178 | | |
| Rectangle | | 318 | 178 | Rectangle: Color Control | If SIDEFDR\RUNNING Then 0 Else If (SIDEFDR\AGIT_FLT Or SIDEFDR\DRV_FLT) Then 1 Else 2 If SIDEFDR\RUNNING Then "RUNNING" Else If SIDEFDR\DRV_FLT Then "DRIVE FAULT" Else If SIDEFDR\AGIT_FLT Then "AGIT FAULT" Else "" |
| StringDisplay3 | | 323 | 181 | String Display | |
| Group21 | +-Group21 | | | | |
| StringDisplay4 | | 224 | 213 | String Display | If SIDEFDR\AUTOMAN Then "AUTO" ELSE"MANUAL" |
| Group22 | +-Group22 | | | | |
| Button10 | | 408 | 311 | Button Momentary On: "START" Button Momentary On: "START": Color Control | SIDEFDR\START SIDEFDR\START |
| Button11 | | 409 | 386 | Button Momentary On: "STOP" Button Momentary On: "STOP": Color Control | SIDEFDR\STOP SIDEFDR\STOP |
| Button12 | | 248 | 236 | Button Momentary On: "AUTO" Button Momentary On: "AUTO": Color Control | SIDEFDR\AUTO sidefdr\auto |
| Button13 | | 240 | 294 | Button Momentary On: "MANUAL" Button Momentary On: "MANUAL": Color Control | SIDEFDR\MANUAL SIDEFDR\MANUAL |
| Group25 | ++Group25 | 228 | 347 | | |
| Button14 | | 233 | 352 | Button Momentary On | SIDEFDR\SPD_INC |
| Button15 | | 233 | 391 | Button Momentary On | SIDEFDR\SPD_DEC |
| Button16 | | 278 | 390 | Button Toggle: "PUSH 10" Button Toggle: "PUSH 10": Touch Control: Press Action | SIDEFDR\PUSH10 Toggle SIDEFDR\PUSH10 |
| Group24 | ++Group24 | 277 | 358 | | |
| NumericInput1 | | 279 | 361 | Numeric Input | SIDEFDR\SETPOINT |
| Group24 | +-Group24 | | | | |

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|--|--|
| Group25 | +-Group25 | | | | |
| Group26 | +Group26 | | | | |
| Group9 | ++Group9 | 87 | 460 | | |
| Button18 | | 110 | 467 | Button: Touch Control: Release Action | Display SecurityIndex |
| Button17 | | 606 | 467 | Button: Touch Control: Release Action | Display TempControlMenu |
| Group10 | ++Group10 | 358 | 467 | | |
| Group10 | | 358 | 467 | Group: Visibility Control | secmonpatch>1 |
| Button3 | | 358 | 467 | Button: Visibility Control | secmonpatch > 1 |
| | | | | Button: Touch Control: Release Action | Display AuxControl |
| Button4 | | 358 | 467 | Button: Visibility Control | (SETUP\ZSFE) or setup\zsfe2 AND (secmonpatch > 1) |
| | | | | Button: Touch Control: Release Action | Display Aux Systems Index |
| Group10 | +-Group10 | | | | |
| Button2 | | 234 | 467 | Button: Touch Control: Release Action | Display Main Control Index |
| | | | | Button: Visibility Control | secmonpatch > 1 |
| Button5 | | 482 | 467 | Button: Touch Control: Release Action | display System Status Index |
| Group9 | +Group9 | | | | |
| Group38 | ++Group38 | 87 | 171 | | |
| Group43 | ++Group43 | 107 | 200 | | |
| Rectangle | | 107 | 200 | Rectangle: Color Control | If EXT\HT_SK_BYPASS Then 0 else 1 |
| StringDisplay5 | | 109 | 202 | String Display | If EXT\HT_SK_BYPASS Then "BYPASSED" Else "NORMAL" |
| Group43 | +-Group43 | | | | |
| Group29 | ++Group29 | 104 | 243 | | |
| Group28 | ++Group28 | 113 | 245 | | |
| Group28 | | 113 | 245 | Group: Visibility Control | EXT\HT_SK_RUNNING |
| | | | | Group: Color Control | EXT\HEATSOAK |
| NumericDisplay6 | | 116 | 272 | Numeric Display | EXT\HEATSOAK |
| Group28 | +-Group28 | | | | |
| Group29 | +-Group29 | | | | |
| Group47 | ++Group47 | 107 | 220 | | |
| Group47 | | 107 | 220 | Group: Color Control | If EXT\HT_SK_RUNNING Then 2 Else If EXT\HEAT_SOAK_DN Then 1 Else 0 |
| Rectangle | | 107 | 220 | Group: Visibility Control Rectangle: Color Control | EXT\HT_SK_BYPASS If EXT\HT_SK_BYPASS Then 0 else 1 |
| StringDisplay6 | | 109 | 222 | String Display | If EXT\HT_SK_RUNNING then "RUNNING" Else if EXT\HEAT_SOAK_DN then "COMPLETE" else "" |
| Group47 | +-Group47 | | | | |
| Group38 | +Group38 | | | | |
| Button1 | | 105 | 318 | Button Momentary On: "ALARM SILENCE " Button Momentary On: "ALARM SILENCE "; Visibility Control Button Momentary On: "ALARM SILENCE "; Color Control | ALM_SILENCE SecMon\Word > 65533 ALM_SILENCE |
| Group46 | ++Group46 | 483 | 172 | | |
| Group46 | | 483 | 172 | Group: Visibility Control | SETUP\ZSFE2 |
| Group34 | ++Group34 | 483 | 172 | | |
| Group34 | | 483 | 172 | Group: Visibility Control | SETUP\ZSFE2 |
| Group31 | ++Group31 | 666 | 212 | | |
| Group30 | ++Group30 | 671 | 224 | | |
| Group44 | ++Group44 | 676 | 249 | | |
| Label2 | | 676 | 249 | Label: Units | SIDEFDR2\SPEED |
| Group44 | +-Group44 | | | | |
| Group45 | ++Group45 | 671 | 224 | | |
| NumericDisplay4 | | 671 | 224 | Numeric Display | SIDEFDR2\SPEED |
| Group45 | +-Group45 | | | | |
| Group30 | +-Group30 | | | | |
| Group31 | +-Group31 | | | | |
| Group32 | ++Group32 | 599 | 214 | | |
| Rectangle | | 610 | 220 | Rectangle: Fill Control | SIDEFDR2\SPEED |
| Group32 | +-Group32 | | | | |
| Group33 | ++Group33 | 591 | 180 | | |
| Rectangle | | 591 | 180 | Rectangle: Color Control | If SIDEFDR2\RUNNING Then 0 Else If (SIDEFDR2\AGIT_FLT Or SIDEFDR2\DRV_FLT) Then 1 Else 2 If SIDEFDR2\RUNNING Then "RUNNING" Else If SIDEFDR2\DRV_FLT Then "DRIVE FAULT" Else If SIDEFDR2\AGIT_FLT Then "AGIT FAULT" Else "" |
| StringDisplay7 | | 596 | 183 | String Display | |
| Group33 | +-Group33 | | | | |

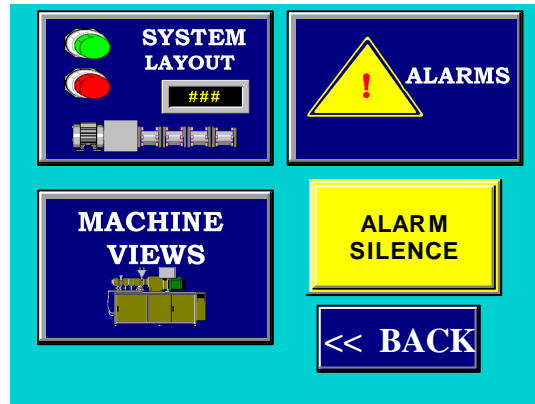
| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|--|--|
| StringDisplay8 | | 490 | 213 | String Display | If SIDEFDR2\AUTOMAN Then "AUTO" ELSE "MANUAL" |
| Group34 | +-Group34 | | | | |
| Button6 | | 516 | 237 | Button Momentary On: "AUTO" | Sidefdr2\auto |
| | | | | Button Momentary On: "AUTO": Color Control | sidefdr2\auto |
| Button7 | | 509 | 291 | Button Momentary On: "MANUAL" | Sidefdr2>manual |
| | | | | Button Momentary On: "MANUAL": Color Control | SIDEFDR2\MANUAL |
| Group37 | ++Group37 | 498 | 339 | | |
| Button19 | | 503 | 344 | Button Momentary On | SIDEFDR2\SPD_INC |
| Button20 | | 503 | 383 | Button Momentary On | SIDEFDR2\SPD_DEC |
| Button21 | | 548 | 382 | Button Toggle: "PUSH 10" | SIDEFDR2\PUSH10 |
| | | | | Button Toggle: "PUSH 10": Touch Control: Press Action | Toggle SIDEFDR2\PUSH10 |
| Group36 | ++Group36 | 547 | 350 | | |
| NumericInput2 | | 549 | 353 | Numeric Input | SIDEFDR2\SETPOINT |
| Group36 | +-Group36 | | | | |
| Group37 | ++Group37 | | | | |
| Button22 | | 676 | 312 | Button Momentary On: "START" | SIDEFDR2\START |
| | | | | Button Momentary On: "START": Color Control | SIDEFDR2\START |
| Button23 | | 677 | 387 | Button Momentary On: "STOP" | SIDEFDR2\STOP |
| | | | | Button Momentary On: "STOP": Color Control | SIDEFDR2\STOP |
| Group46 | +-Group46 | | | | |

1.1.19.3 Database Tags Used by the Component

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|--------------------|-----------------|--|
| ALM_SILENCE | Digital | ALARM SILENCE |
| EXTHEAT_SOAK_DN | Digital | Heat Soak is complete |
| EXTHEATSOAK | Analog | HEAT SOAK TIMER |
| EXTHT_SK_BYPASS | Digital | Extruder Status - Heat Soak Bypass |
| EXTHT_SK_RUNNING | Digital | Heat Soak Running |
| SecMon\Word | Analog | Current User's security access in a word |
| secmonpatch | Analog | |
| SETUP\ZSFE | Digital | Side Feeder Select Bit |
| SETUP\ZSFE2 | Digital | |
| SIDEFDR\VAGIT_FLT | Digital | Side Feeder Status - Agitator Fault |
| sidefdr\auto | Digital | SIDEFEEDER AUTO |
| SIDEFDR\AUTOMAN | Digital | SIDEFEEDER AUTO MAN BIT |
| SIDEFDR\DRV_FLT | Digital | Side Feeder Status - Drive Fault |
| SIDEFDR\MANUAL | Digital | SIDEFEEDER MANUAL |
| SIDEFDR\PUSH10 | Digital | Side Feeder Speed Push For 10 |
| SIDEFDR\RUNNING | Digital | Side Feeder Status - Running |
| SIDEFDR\SETPOINT | Analog | Side Feeder Speed Setpoint ZSFE |
| SIDEFDR\SPD_DEC | Digital | Side Feeder Speed Decrement |
| SIDEFDR\SPD_INC | Digital | Side Feeder Speed Increment |
| SIDEFDR\SPEED | Analog | Side Feeder Speed ZSFE |
| SIDEFDR\START | Digital | Sidefeeder start pb |
| SIDEFDR\STOP | Digital | Sidefeeder stop pb |
| SIDEFDR2\VAGIT_FLT | Digital | |
| Sidefdr2\auto | Digital | |
| SIDEFDR2\AUTOMAN | Digital | Sidefeeder 2 auto mode selected |
| SIDEFDR2\DRV_FLT | Digital | |
| Sidefdr2>manual | Digital | Sidefeeder 2 manual pb |
| SIDEFDR2\PUSH10 | Digital | |
| SIDEFDR2\RUNNING | Digital | |
| SIDEFDR2\SETPOINT | Analog | |
| SIDEFDR2\SPD_DEC | Digital | |
| SIDEFDR2\SPD_INC | Digital | |
| SIDEFDR2\SPEED | Analog | |

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-------------------|-----------------|--------------------------|
| SIDEFDR2\START | Digital | Sidefeeder 2 start PB |
| SIDEFDR2\STOP | Digital | |
| system\DayOfMonth | Analog | Day of Month |
| system\Month | Analog | Month |
| system\Time | String | System time string |
| system\User | String | Currently logged on User |
| system\Year | Analog | Year |

1.1.20 Graphics\Display\System Status Index



1.1.20.1 Display Settings

| <u>Section</u> | <u>Option</u> | <u>Selection</u> |
|---|--------------------------------|------------------------------------|
| Properties | Display Type | On Top |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | No |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | Yes |
| | Allow Display to be Resized | Yes: When Resized - Scale |
| | Use Current Position | No (Position in Pixels: 397 x 101) |
| | Security Code | * |
| | Background Color | 0xD0D000 |
| | Behavior | Startup Command |
| Shutdown Command | | |
| Input Field Not Selected Text Color | | 0x0 |
| Input Field Not Selected Fill Color | | 0xFFFFFFFF |
| Input Field Selected Text Color | | 0xFFFFFFFF |
| Input Field Selected Fill Color | | 0xFF |
| Beep on Press of Interactive Object | | No |
| Highlight when Cursor Passes Over Interactive Objects | | Yes Highlight Color: 0x0 |
| Highlight Color of Objects with Input Focus | | 0xFF00 |
| Display On-screen Keyboard | | No |

1.1.20.2 Animated Display Objects

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|--------------------------------------|----------|----------|--|-------------------------|
| Button3 | | 545 | 324 | Button: Touch Control: Release Action | Display Alarms |
| Button10 | | 428 | 323 | Button: Touch Control: Release Action | display extruder layout |
| Button1 | | 13 | 3 | Button: Touch Control: Release Action | display extruder layout |
| Button2 | | 130 | 3 | Button: Touch Control: Release Action | Display Alarms |
| Button7 | | 144 | 141 | Button: "<< BACK": Touch Control: Release Action | Abort Me |
| Button4 | | 13 | 87 | Button: Visibility Control | secmonpatch=5 |
| Button12 | | 140 | 82 | Button: Touch Control: Release Action | display MachineView |
| | Button Momentary On: "ALARM SILENCE" | | | ALM_SILENCE | |
| | Button Momentary On: "ALARM SILENCE" | | | SecMon\Word > 65533 | |
| | Button Momentary On: "ALARM SILENCE" | | | ALM_SILENCE | |
| | Button Momentary On: "ALARM SILENCE" | | | ALM_SILENCE | |

1.1.20.3 Database Tags Used by the Component

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-----------------|-----------------|--|
| ALM_SILENCE | Digital | ALARM SILENCE |
| SecMon\Word | Analog | Current User's security access in a word |
| secmonpatch | Analog | |

1.1.21 Graphics\Display\TempControlMenu

Heat Control Menu



1.1.21.1 Display Settings

| <u>Section</u> | <u>Option</u> | <u>Selection</u> |
|---|--------------------------------|--------------------------|
| Properties | Display Type | On Top |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | Yes "Heat Control Menu" |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | Yes |
| | Allow Display to be Resized | No |
| | Use Current Position | Yes |
| | Security Code | * |
| | Background Color | 0xD0D000 |
| | Behavior | Startup Command |
| Shutdown Command | | |
| Input Field Not Selected Text Color | | 0x0 |
| Input Field Not Selected Fill Color | | 0xFFFFFFFF |
| Input Field Selected Text Color | | 0xFFFFFFFF |
| Input Field Selected Fill Color | | 0x800000 |
| Beep on Press of Interactive Object | | No |
| Highlight when Cursor Passes Over Interactive Objects | | Yes Highlight Color: 0x0 |
| Highlight Color of Objects with Input Focus | | 0xFF00 |
| Display On-screen Keyboard | | Yes |

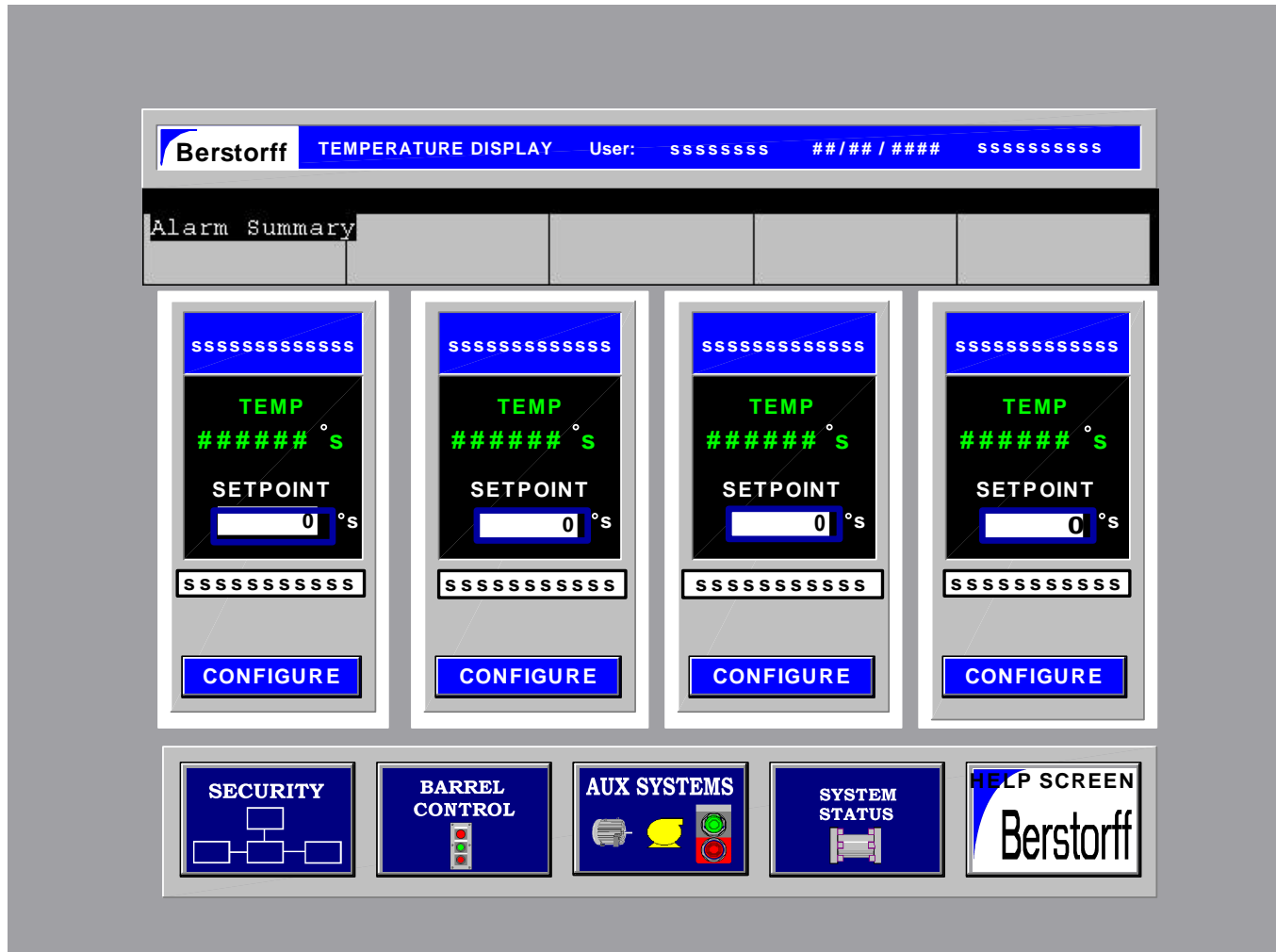
1.1.21.2 Animated Display Objects

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|---|---|
| Button1 | | 15 | 5 | Button: Touch Control: Release Action | FacePlate2To5; Pause 1; Display TempControl /PZone2To5TempControl |
| Button2 | | 170 | 5 | Button: Visibility Control | SETUPZ6TO9 |
| Button3 | | 15 | 110 | Button: Touch Control: Release Action | FacePlate6To9;Display TempControl /PZone6To9TempControl |
| | | | | Button: Visibility Control | FacePlate10To13;Display TempControl /PZone10To13TempControl |
| Button4 | | 170 | 110 | Button: Touch Control: Release Action | SETUPZ10TO13 |
| | | | | Button: Visibility Control | FacePlate14To17;Display TempControl /PZone14To17TempControl |
| Button5 | | 125 | 226 | Button: "EXIT": Touch Control: Release Action | SETUPZ14TO17 Abort me |

1.1.21.3 Database Tags Used by the Component

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-----------------|-----------------|--------------------------|
| SETUPVZ10TO13 | Digital | Setup Zone 10 to Zone 13 |
| SETUPVZ14TO17 | Digital | |
| SETUPVZ6TO9 | Digital | |

1.1.22 Graphics\Display\TempControl



1.1.22.1 Display Settings

| Section | Option | Selection |
|---|--------------------------------|--------------------------------|
| Properties | Display Type | Replace |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | No |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | No (Size in Pixels: 800 x 600) |
| | Allow Display to be Resized | No |
| | Use Current Position | No (Position in Pixels: 0 x 0) |
| | Security Code | * |
| | Background Color | 0xA4A0A0 |
| | Behavior | Startup Command |
| Shutdown Command | | |
| Input Field Not Selected Text Color | | 0x0 |
| Input Field Not Selected Fill Color | | 0xFFFFFFFF |
| Input Field Selected Text Color | | 0xFFFFFFFF |
| Input Field Selected Fill Color | | 0x800000 |
| Beep on Press of Interactive Object | | No |
| Highlight when Cursor Passes Over Interactive Objects | | Yes Highlight Color: 0x0 |
| Highlight Color of Objects with Input Focus | 0xFF00 | |
| Display On-screen Keyboard | Yes | |

1.1.22.2 Animated Display Objects

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--|--|---|---|---|---|
| Group10 Rectangle | ++Group10 | 95 95 | 181 181 | Rectangle: Visibility Control | If #8 Then 1 Else If #7 Then 1 Else 0 |
| | | | | Rectangle: Color Control | If #8 Then 1 Else If #7 Then 1 Else 0 |
| Group4 StringDisplay1 | ++Group4 | 111 116 | 194 208 | String Display | #2 |
| Group4 Group8 Group7 | ++Group4 ++Group8 ++Group7 | 111 120 120 | 234 246 265 | Numeric Display | #10 |
| NumericDisplay1 Group6 NumericInput1 Group6 Group40 StringDisplay12 | ++Group6 +-Group6 ++Group40 | 120 128 132 198 203 | 265 316 316 265 265 | Numeric Input String Display | #9 If #11 then "C" else "F" |
| Group40 Group51 StringDisplay13 | +-Group40 ++Group51 | 209 214 | 318 318 | String Display | if #11 then "C" else "F" |
| Group51 Group7 Group8 Button1 | +-Group51 +-Group7 +-Group8 | 110 | 411 | Button: "CONFIGURE": Visibility Control Button: "CONFIGURE": Touch Control: Release Action | secmonpatch > 2 #1 |
| Group9 Rectangle | ++Group9 | 106 106 | 356 356 | Rectangle: Color Control | If #6 Then 1 Else If #5 Then 2 Else If #4 Then 3 Else 0 |
| StringDisplay2 | | 111 | 357 | String Display | If #6 Then "TUNING" Else If #5 Then "TUNE PASSED" Else If #4 Then "TUNE FAILED" Else "" |
| Group9 Group10 Group20 Rectangle | +-Group9 ++Group10 ++Group20 | 255 255 | 181 181 | Rectangle: Visibility Control | If #28 Then 1 Else If #27 Then 1 Else 0 |
| | | | | Rectangle: Color Control | If #28 Then 1 Else If #27 Then 1 Else 0 |
| Group14 StringDisplay3 Group14 Group18 Group17 NumericDisplay2 Group16 NumericInput2 Group16 Group52 StringDisplay11 | ++Group14 +-Group14 ++Group18 ++Group17 ++Group16 +-Group16 ++Group52 | 272 278 272 280 280 294 296 357 362 | 194 208 234 246 265 317 318 265 265 | String Display Numeric Display Numeric Input String Display | #22 #30 #29 If #11 then "C" else "F" |
| Group52 Group58 StringDisplay18 | +-Group52 ++Group58 | 369 374 | 318 318 | String Display | if #11 then "C" else "F" |
| Group58 Group17 Group18 Button9 | +-Group58 +-Group17 +-Group18 | 270 | 411 | Button: "CONFIGURE": Visibility Control Button: "CONFIGURE": Touch Control: Release Action | secmonpatch > 2 #21 |
| Group19 Rectangle | ++Group19 | 271 271 | 356 356 | Rectangle: Color Control | If #26 Then 1 Else If #25 Then 2 Else If #24 Then 3 Else 0 |
| StringDisplay4 | | 276 | 358 | String Display | If #26 Then "TUNING" Else If #25 Then "TUNE PASSED" Else If #24 Then "TUNE FAILED" Else "" |
| Group19 Group20 Group29 Rectangle | +-Group19 ++Group20 ++Group29 | 415 415 | 181 181 | Rectangle: Visibility Control | If #48 Then 1 Else If #47 Then 1 Else 0 |

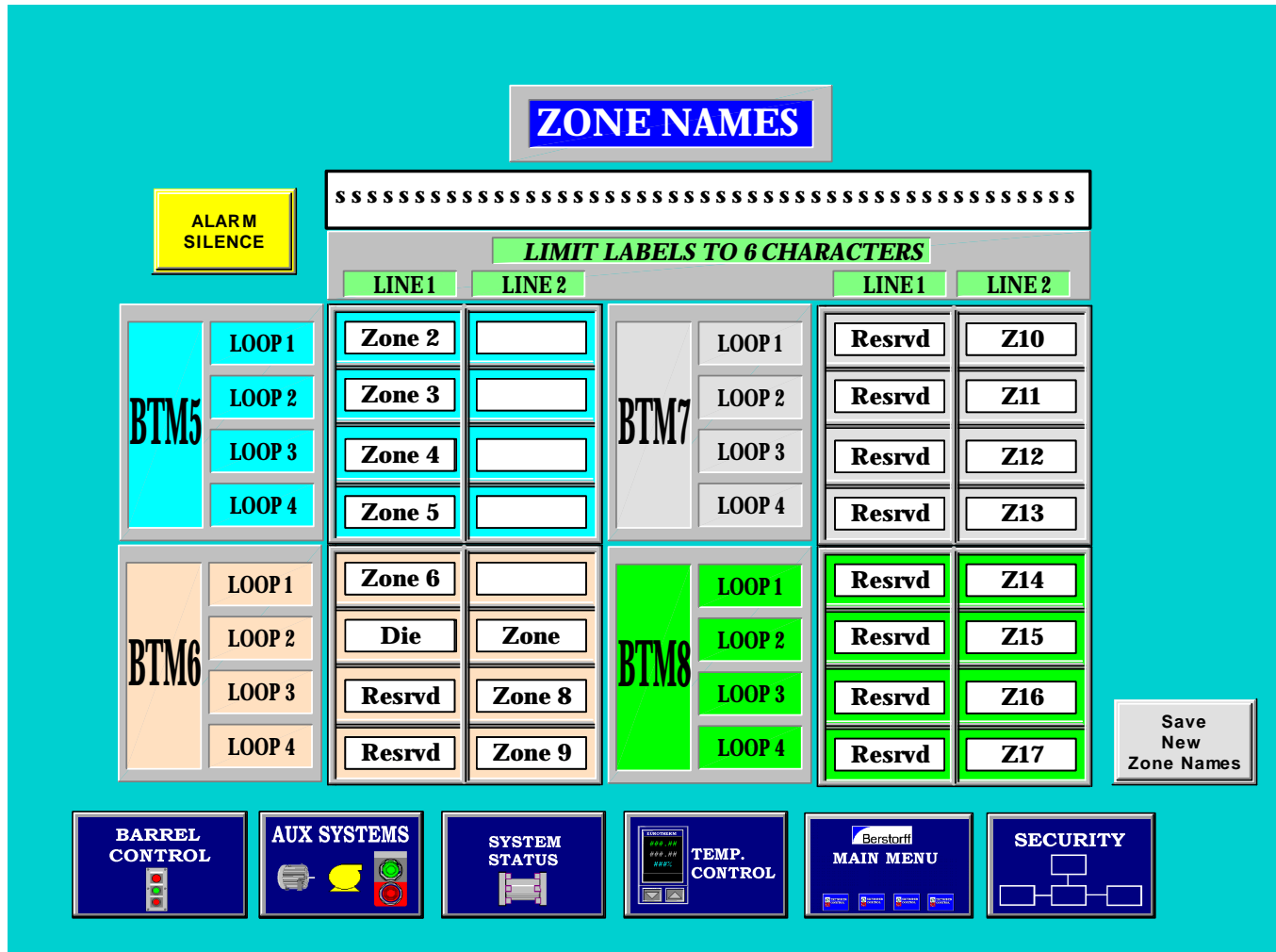
| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|---|--|
| | | | | Rectangle: Color Control | If #48 Then 1 Else If #47 Then 1 Else 0 |
| Group23 | ++Group23 | 432 | 194 | | |
| StringDisplay5 | | 438 | 208 | String Display | #42 |
| Group23 | +Group23 | | | | |
| Group27 | ++Group27 | 432 | 234 | | |
| Group26 | ++Group26 | 441 | 246 | | |
| NumericDisplay3 | | 441 | 265 | Numeric Display | #50 |
| Group25 | ++Group25 | 453 | 316 | | |
| NumericInput3 | | 455 | 317 | Numeric Input | #49 |
| Group25 | +-Group25 | | | | |
| Group55 | ++Group55 | 517 | 265 | | |
| StringDisplay14 | | 522 | 265 | String Display | If #11 then "C" else "F" |
| Group55 | +-Group55 | | | | |
| Group63 | ++Group63 | 529 | 318 | | |
| StringDisplay20 | | 534 | 318 | String Display | if #11 then "C" else "F" |
| Group63 | +-Group63 | | | | |
| Group26 | +-Group26 | | | | |
| Group27 | +-Group27 | | | | |
| Button11 | | 430 | 411 | Button: "CONFIGURE": Visibility Control Button: "CONFIGURE": Touch Control: Release Action | secmonpatch > 2 #41 |
| Group28 | ++Group28 | 425 | 356 | | |
| Rectangle | | 425 | 356 | Rectangle: Color Control | If #46 Then 1 Else If #45 Then 2 Else If #44 Then 3 Else 0 If #46 Then "TUNING" Else If #45 Then "TUNE PASSED" Else If #44 Then "TUNE FAILED" Else "" |
| StringDisplay6 | | 434 | 358 | String Display | |
| Group28 | +-Group28 | | | | |
| Group29 | +Group29 | | | | |
| Group38 | ++Group38 | 575 | 181 | | |
| Rectangle | | 575 | 181 | Rectangle: Visibility Control | If #68 Then 1 Else If #67 Then 1 Else 0 If #68 Then 1 Else If #67 Then 1 Else 0 |
| | | | | Rectangle: Color Control | |
| Group32 | ++Group32 | 592 | 194 | | |
| StringDisplay7 | | 598 | 208 | String Display | #62 |
| Group32 | +Group32 | | | | |
| Group36 | ++Group36 | 592 | 234 | | |
| Group35 | ++Group35 | 601 | 246 | | |
| NumericDisplay4 | | 601 | 265 | Numeric Display | #70 |
| Group34 | ++Group34 | 613 | 317 | | |
| NumericInput4 | | 615 | 318 | Numeric Input | #69 |
| Group34 | +-Group34 | | | | |
| Group60 | ++Group60 | 680 | 265 | | |
| StringDisplay16 | | 685 | 265 | String Display | If #11 then "C" else "F" |
| Group60 | +-Group60 | | | | |
| Group65 | ++Group65 | 689 | 318 | | |
| StringDisplay21 | | 694 | 318 | String Display | if #11 then "C" else "F" |
| Group65 | +-Group65 | | | | |
| Group35 | +-Group35 | | | | |
| Group36 | +Group36 | | | | |
| Button13 | | 590 | 411 | Button: "CONFIGURE": Visibility Control Button: "CONFIGURE": Touch Control: Release Action | secmonpatch > 2 #61 |
| Group37 | ++Group37 | 590 | 356 | | |
| Rectangle | | 590 | 356 | Rectangle: Color Control | If #66 Then 1 Else If #65 Then 2 Else If #64 Then 3 Else 0 If #66 Then "TUNING" Else If #65 Then "TUNE PASSED" Else If #64 Then "TUNE FAILED" Else "" |
| StringDisplay8 | | 595 | 357 | String Display | |
| Group37 | +-Group37 | | | | |
| Group38 | +Group38 | | | | |
| Group47 | ++Group47 | 85 | 66 | | |
| Group45 | ++Group45 | 85 | 66 | | |
| StringDisplay9 | | 612 | 83 | String Display | system\Time |
| Group43 | ++Group43 | 367 | 84 | | |
| StringDisplay10 | | 418 | 84 | String Display | system\User |
| Group43 | +-Group43 | | | | |
| Group44 | ++Group44 | 508 | 84 | | |
| NumericDisplay5 | | 508 | 84 | Numeric Display | system\Month |
| NumericDisplay6 | | 531 | 84 | Numeric Display | system\DayOfMonth |
| NumericDisplay7 | | 558 | 84 | Numeric Display | system\Year |
| Group44 | +-Group44 | | | | |
| Group45 | +Group45 | | | | |
| Group47 | +Group47 | | | | |

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|--|--|
| Group49 | ++Group49 | 98 | 468 | | |
| Group48 | ++Group48 | 109 | 478 | | |
| Button7 | | 605 | 478 | Button: "HELP SCREEN" | Display Helpscreen |
| | | | | ": Touch Control: Release Action Button: "HELP SCREEN" | system\User = "DEFAULT" |
| Button10 | | 233 | 478 | ": Visibility Control Button: Touch Control: Release Action Button: Visibility Control | Display Main Control Index secmonpatch > 1 |
| Button12 | | 109 | 478 | Button: Touch Control: Release Action | Display SecurityIndex |
| Button14 | | 481 | 478 | Button: Touch Control: Release Action | display System Status Index |
| Group11 | ++Group11 | 357 | 478 | | |
| Group11 | | 357 | 478 | Group: Visibility Control | secmonpatch>1 |
| Button2 | | 357 | 478 | Button: Touch Control: Release Action Button: Visibility Control | Display AuxControl secmonpatch > 1 |
| Button3 | | 357 | 478 | Button: Visibility Control Button: Touch Control: Release Action | (SETUP\ZSFE) or setup\zsfe2 AND (secmonpatch > 1) Display Aux Systems Index |
| Group11 | +-Group11 | | | | |
| Group48 | +Group48 | | | | |
| Group49 | +Group49 | | | | |

1.1.22.3 Database Tags Used by the Component

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|-------------------|-----------------|--------------------------|
| secmonpatch | Analog | |
| SETUP\ZSFE | Digital | Side Feeder Select Bit |
| setup\zsfe2 | Digital | |
| system\DayOfMonth | Analog | Day of Month |
| system\Month | Analog | Month |
| system\Time | String | System time string |
| system\User | String | Currently logged on User |
| system\Year | Analog | Year |

1.1.23 Graphics\Display\ZoneNames



1.1.23.1 Display Settings

| Section | Option | Selection |
|------------|---|--------------------------------|
| Properties | Display Type | Replace |
| | Allow Multiple Running Copies | No |
| | Cache after Displaying | No |
| | Title Bar | No |
| | System Menu | No |
| | Minimize Button | No |
| | Maximize Button | No |
| | Size to Main Window at Runtime | No |
| | Show last Acquired Value | No |
| | Use Current Size | No (Size in Pixels: 800 x 600) |
| | Allow Display to be Resized | No |
| | Use Current Position | Yes |
| | Security Code | * |
| | Background Color | 0xD0D000 |
| | Startup Command | |
| | Shutdown Command | |
| Behavior | Input Field Not Selected Text Color | 0x0 |
| | Input Field Not Selected Fill Color | 0xFFFFFFFF |
| | Input Field Selected Text Color | 0xFFFFFFFF |
| | Input Field Selected Fill Color | 0xFF |
| | Beep on Press of Interactive Object | No |
| | Highlight when Cursor Passes Over Interactive Objects | Yes Highlight Color: 0x0 |
| | Highlight Color of Objects with Input Focus | 0xFF00 |
| | Display On-screen Keyboard | No |

1.1.23.2 Animated Display Objects

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|--|--|
| Group45 | ++Group45 | 202 | 189 | | |
| Group2 | ++Group2 | 202 | 189 | | |
| Group30 | ++Group30 | 207 | 200 | | |
| Group3 | ++Group3 | 213 | 200 | | |
| StringDisplay2 | | 224 | 204 | String Display | EXT\layout1\btm5_loop1_faceplate_line1 |
| Group3 | +Group3 | | | | |
| StringInput3 | | 213 | 200 | String Input String Input: Visibility Control | EXT\layout1\btm5_loop1_faceplate_line1 secmonpatch >3 |
| Group4 | ++Group4 | 296 | 200 | | |
| StringDisplay3 | | 307 | 204 | String Display | EXT\layout1\btm5_loop1_faceplate_line2 |
| Group4 | +Group4 | | | | |
| Group11 | ++Group11 | 213 | 236 | | |
| StringDisplay4 | | 224 | 240 | String Display | EXT\layout1\btm5_loop2_faceplate_line1 |
| Group11 | +Group11 | | | | |
| StringInput54 | | 213 | 236 | String Input String Input: Visibility Control | EXT\layout1\btm5_loop2_faceplate_line1 secmonpatch >3 |
| StringInput4 | | 296 | 200 | String Input String Input: Visibility Control | EXT\layout1\btm5_loop1_faceplate_line2 secmonpatch >3 |
| Group12 | ++Group12 | 296 | 236 | | |
| StringDisplay5 | | 307 | 240 | String Display | EXT\layout1\btm5_loop2_faceplate_line2 |
| Group12 | +Group12 | | | | |
| StringInput53 | | 296 | 236 | String Input String Input: Visibility Control | EXT\layout1\btm5_loop2_faceplate_line2 secmonpatch >3 |
| Group30 | +Group30 | | | | |
| Group37 | ++Group37 | 207 | 274 | | |
| Group15 | ++Group15 | 214 | 274 | | |
| StringDisplay6 | | 225 | 278 | String Display | EXT\layout1\btm5_loop3_faceplate_line1 |
| Group15 | +Group15 | | | | |
| Group18 | ++Group18 | 296 | 274 | | |
| StringDisplay7 | | 307 | 278 | String Display | EXT\layout1\btm5_loop3_faceplate_line2 |
| Group18 | +Group18 | | | | |
| Group22 | ++Group22 | 296 | 310 | | |
| StringDisplay9 | | 307 | 314 | String Display | EXT\layout1\btm5_loop4_faceplate_line2 |
| Group22 | +Group22 | | | | |
| Group21 | ++Group21 | 213 | 310 | | |
| StringDisplay8 | | 224 | 314 | String Display | EXT\layout1\btm5_loop4_faceplate_line1 |
| Group21 | +Group21 | | | | |
| StringInput56 | | 296 | 274 | String Input String Input: Visibility Control | EXT\layout1\btm5_loop3_faceplate_line2 secmonpatch >3 |
| StringInput57 | | 296 | 310 | String Input | EXT\layout1\btm5_loop4_faceplate_line2 |
| StringInput58 | | 213 | 310 | String Input String Input: Visibility Control | EXT\layout1\btm5_loop4_faceplate_line1 secmonpatch >3 |
| StringInput55 | | 213 | 274 | String Input String Input: Visibility Control | EXT\layout1\btm5_loop3_faceplate_line1 secmonpatch >3 |
| Group37 | +Group37 | | | | |
| Group2 | ++Group2 | | | | |
| Group45 | +-Group45 | | | | |
| Group121 | ++Group121 | 70 | 341 | | |
| Group121 | | 70 | 341 | Group: Visibility Control | SETUP\Z6TO9 |
| Group120 | ++Group120 | 202 | 341 | | |
| Group64 | ++Group64 | 202 | 341 | | |
| Group56 | ++Group56 | 207 | 352 | | |
| Group24 | ++Group24 | 213 | 352 | | |
| StringDisplay11 | | 224 | 356 | String Display | EXT\layout1\btm6_loop1_faceplate_line1 |
| Group24 | +Group24 | | | | |
| Group25 | ++Group25 | 296 | 352 | | |
| StringDisplay12 | | 307 | 356 | String Display | EXT\layout1\btm6_loop1_faceplate_line2 |
| Group25 | +Group25 | | | | |
| Group27 | ++Group27 | 296 | 388 | | |
| StringDisplay14 | | 307 | 392 | String Display | EXT\layout1\btm6_loop2_faceplate_line2 |
| Group27 | +Group27 | | | | |
| Group26 | ++Group26 | 214 | 388 | | |
| StringDisplay13 | | 225 | 392 | String Display | EXT\layout1\btm6_loop2_faceplate_line1 |
| Group26 | +Group26 | | | | |
| StringInput27 | | 213 | 352 | String Input String Input: Visibility Control | EXT\layout1\btm6_loop1_faceplate_line1 secmonpatch >3 |
| StringInput28 | | 296 | 352 | String Input String Input: Visibility Control | EXT\layout1\btm6_loop1_faceplate_line2 secmonpatch >3 |
| StringInput29 | | 296 | 388 | String Input String Input: Visibility Control | EXT\layout1\btm6_loop2_faceplate_line2 secmonpatch >3 |
| StringInput30 | | 213 | 388 | String Input String Input: Visibility Control | EXT\layout1\btm6_loop2_faceplate_line1 secmonpatch >3 |
| Group56 | +Group56 | | | | |
| Group58 | ++Group58 | 207 | 426 | | |
| Group39 | ++Group39 | 296 | 426 | | |
| StringDisplay17 | | 307 | 430 | String Display | EXT\layout1\btm6_loop3_faceplate_line2 |
| Group39 | +Group39 | | | | |
| Group36 | ++Group36 | 213 | 426 | | |
| StringDisplay16 | | 224 | 430 | String Display | EXT\layout1\btm6_loop3_faceplate_line1 |
| Group36 | +Group36 | | | | |
| Group41 | ++Group41 | 296 | 462 | | |
| StringDisplay19 | | 307 | 466 | String Display | EXT\layout1\btm6_loop4_faceplate_line2 |
| Group41 | +Group41 | | | | |
| Group40 | ++Group40 | 213 | 462 | | |

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|----------------------------------|--|
| StringDisplay18 | | 224 | 466 | String Display | EXT\layout1\btm6_loop4_faceplate_line1 |
| Group40 | ++Group40 | | | | |
| StringInput31 | | 213 | 426 | String Input | EXT\layout1\btm6_loop3_faceplate_line1 |
| | | | | String Input: Visibility Control | secmonpatch >3 |
| StringInput32 | | 296 | 426 | String Input | EXT\layout1\btm6_loop3_faceplate_line2 |
| | | | | String Input: Visibility Control | secmonpatch >3 |
| StringInput33 | | 296 | 462 | String Input | EXT\layout1\btm6_loop4_faceplate_line2 |
| | | | | String Input: Visibility Control | secmonpatch >3 |
| StringInput34 | | 213 | 462 | String Input | EXT\layout1\btm6_loop4_faceplate_line1 |
| | | | | String Input: Visibility Control | secmonpatch >3 |
| Group58 | ++Group58 | | | | |
| Group64 | ++Group64 | | | | |
| Group120 | ++Group120 | | | | |
| Group121 | ++Group121 | | | | |
| Group171 | ++Group171 | 379 | 189 | | |
| Group171 | | 379 | 189 | Group: Visibility Control | SETUP\Z10TO13 |
| Group145 | ++Group145 | 511 | 190 | | |
| Group144 | ++Group144 | 511 | 190 | | |
| Group136 | ++Group136 | 516 | 201 | | |
| Group43 | ++Group43 | 605 | 201 | | |
| StringDisplay21 | | 616 | 205 | String Display | EXT\layout2\btm7_loop1_faceplate_line2 |
| Group43 | ++Group43 | | | | |
| Group42 | ++Group42 | 522 | 201 | | |
| StringDisplay20 | | 533 | 205 | String Display | EXT\layout2\btm7_loop1_faceplate_line1 |
| Group42 | ++Group42 | | | | |
| Group44 | ++Group44 | 522 | 237 | | |
| StringDisplay22 | | 533 | 241 | String Display | EXT\layout2\btm7_loop2_faceplate_line1 |
| Group44 | ++Group44 | | | | |
| Group46 | ++Group46 | 605 | 237 | | |
| StringDisplay23 | | 616 | 241 | String Display | EXT\layout2\btm7_loop2_faceplate_line2 |
| Group46 | ++Group46 | | | | |
| StringInput35 | | 522 | 201 | String Input | EXTLAYOUT2\btm7_loop1_faceplate_line1 |
| | | | | String Input: Visibility Control | secmonpatch > 3 |
| StringInput36 | | 605 | 201 | String Input | EXTLAYOUT2\btm7_loop1_faceplate_line2 |
| | | | | String Input: Visibility Control | secmonpatch > 3 |
| StringInput37 | | 605 | 237 | String Input | EXTLAYOUT2\btm7_loop2_faceplate_line2 |
| | | | | String Input: Visibility Control | secmonpatch > 3 |
| StringInput38 | | 522 | 237 | String Input | EXTLAYOUT2\btm7_loop2_faceplate_line1 |
| | | | | String Input: Visibility Control | secmonpatch > 3 |
| Group136 | ++Group136 | | | | |
| Group138 | ++Group138 | 516 | 275 | | |
| Group48 | ++Group48 | 605 | 275 | | |
| StringDisplay25 | | 616 | 279 | String Display | EXT\layout2\btm7_loop3_faceplate_line2 |
| Group48 | ++Group48 | | | | |
| Group47 | ++Group47 | 522 | 275 | | |
| StringDisplay24 | | 533 | 279 | String Display | EXT\layout2\btm7_loop3_faceplate_line1 |
| Group47 | ++Group47 | | | | |
| Group49 | ++Group49 | 522 | 311 | | |
| StringDisplay26 | | 533 | 315 | String Display | EXT\layout2\btm7_loop4_faceplate_line1 |
| Group49 | ++Group49 | | | | |
| Group50 | ++Group50 | 605 | 311 | | |
| StringDisplay27 | | 616 | 315 | String Display | EXT\layout2\btm7_loop4_faceplate_line2 |
| Group50 | ++Group50 | | | | |
| StringInput39 | | 522 | 275 | String Input | EXTLAYOUT2\btm7_loop3_faceplate_line1 |
| | | | | String Input: Visibility Control | secmonpatch > 3 |
| StringInput40 | | 605 | 275 | String Input | EXTLAYOUT2\btm7_loop3_faceplate_line2 |
| | | | | String Input: Visibility Control | secmonpatch > 3 |
| StringInput41 | | 605 | 311 | String Input | EXTLAYOUT2\btm7_loop4_faceplate_line2 |
| | | | | String Input: Visibility Control | secmonpatch > 3 |
| StringInput42 | | 522 | 311 | String Input | EXTLAYOUT2\btm7_loop4_faceplate_line1 |
| | | | | String Input: Visibility Control | secmonpatch > 3 |
| Group138 | ++Group138 | | | | |
| Group144 | ++Group144 | | | | |
| Group145 | ++Group145 | | | | |
| Group171 | ++Group171 | | | | |
| Group170 | ++Group170 | 379 | 342 | | |
| Group170 | | 379 | 342 | Group: Visibility Control | SETUP\Z14TO17 |
| Group169 | ++Group169 | 511 | 342 | | |
| Group168 | ++Group168 | 511 | 342 | | |
| Group160 | ++Group160 | 516 | 353 | | |
| Group51 | ++Group51 | 522 | 353 | | |
| StringDisplay28 | | 533 | 357 | String Display | EXT\layout2\btm8_loop1_faceplate_line1 |
| Group51 | ++Group51 | | | | |
| Group52 | ++Group52 | 605 | 353 | | |
| StringDisplay29 | | 616 | 357 | String Display | EXT\layout2\btm8_loop1_faceplate_line2 |
| Group52 | ++Group52 | | | | |
| Group53 | ++Group53 | 522 | 389 | | |
| StringDisplay30 | | 533 | 393 | String Display | EXT\layout2\btm8_loop2_faceplate_line1 |
| Group53 | ++Group53 | | | | |
| Group54 | ++Group54 | 605 | 389 | | |
| StringDisplay31 | | 616 | 393 | String Display | EXT\layout2\btm8_loop2_faceplate_line2 |
| Group54 | ++Group54 | | | | |
| StringInput43 | | 522 | 353 | String Input | EXTLAYOUT2\btm8_loop1_faceplate_line1 |
| | | | | String Input: Visibility Control | secmonpatch > 3 |
| StringInput44 | | 605 | 353 | String Input | EXTLAYOUT2\btm8_loop1_faceplate_line2 |
| | | | | String Input: Visibility Control | secmonpatch > 3 |
| StringInput45 | | 605 | 389 | String Input | EXTLAYOUT2\btm8_loop2_faceplate_line2 |

| <u>Object Name</u> | <u>Grouping</u> | <u>X</u> | <u>Y</u> | <u>Property</u> | <u>Expression</u> |
|--------------------|-----------------|----------|----------|---|--|
| StringInput46 | | 522 | 389 | String Input: Visibility Control String Input String Input: Visibility Control | secmonpatch > 3 EXTLAYOUT2\btm8_loop2_faceplate_line1 secmonpatch > 3 |
| Group160 | +Group160 | | | | |
| Group162 | ++Group162 | 516 | 427 | | |
| Group55 | ++Group55 | 522 | 427 | | |
| StringDisplay32 | | 533 | 431 | String Display | EXT\layout2\btm8_loop3_faceplate_line1 |
| Group55 | +Group55 | | | | |
| Group83 | ++Group83 | 605 | 427 | | |
| StringDisplay33 | | 616 | 431 | String Display | EXT\layout2\btm8_loop3_faceplate_line2 |
| Group83 | +Group83 | | | | |
| Group84 | ++Group84 | 522 | 463 | | |
| StringDisplay34 | | 533 | 467 | String Display | EXT\layout2\btm8_loop4_faceplate_line1 |
| Group84 | +Group84 | | | | |
| StringInput47 | | 522 | 427 | String Input String Input: Visibility Control | EXTLAYOUT2\btm8_loop3_faceplate_line1 secmonpatch > 3 |
| StringInput48 | | 605 | 427 | String Input String Input: Visibility Control | EXTLAYOUT2\btm8_loop3_faceplate_line2 secmonpatch > 3 |
| StringInput50 | | 522 | 463 | String Input String Input: Visibility Control | EXTLAYOUT2\btm8_loop4_faceplate_line1 secmonpatch > 3 |
| Group85 | ++Group85 | 605 | 463 | | |
| StringDisplay35 | | 616 | 467 | String Display | EXT\layout2\btm8_loop4_faceplate_line2 |
| Group85 | +Group85 | | | | |
| StringInput49 | | 605 | 463 | String Input String Input: Visibility Control | EXTLAYOUT2\btm8_loop4_faceplate_line2 secmonpatch > 3 |
| Group162 | +Group162 | | | | |
| Group168 | +Group168 | | | | |
| Group169 | +Group169 | | | | |
| Group170 | +Group170 | | | | |
| Group172 | ++Group172 | 41 | 509 | | |
| Group1 | ++Group1 | 159 | 509 | | |
| Group1 | | 159 | 509 | Group: Visibility Control | secmonpatch>1 |
| Button2 | | 159 | 509 | Button: Touch Control: Release Action Button: Visibility Control | Display AuxControl secmonpatch > 1 |
| Button4 | | 159 | 509 | Button: Visibility Control Button: Touch Control: Release Action | (SETUP\ZSFE) or setup\zsf2 AND (secmonpatch > 1) Display Aux Systems Index |
| Group1 | +Group1 | | | | |
| Button6 | | 389 | 509 | Button: Touch Control: Release Action | Display TempControlMenu |
| Button14 | | 41 | 509 | Button: Touch Control: Release Action Button: Visibility Control | Display Main Control Index secmonpatch > 1 |
| Button3 | | 274 | 509 | Button: Touch Control: Release Action | display System Status Index |
| Button7 | | 503 | 510 | Button: Touch Control: Release Action | set initest 0; set initest 1; display mainmenu |
| Button5 | | 618 | 510 | Button: Touch Control: Release Action | Display SecurityIndex |
| Group172 | +Group172 | | | | |
| Rectangle | | 200 | 104 | Rectangle: Color Control | If EXT\SavedZoneNames\UpdateFlag Then 1 Else If EXT\SavedZoneNames\UploadCompleteFlag Then 0 Else 2 |
| StringDisplay1 | | 207 | 112 | String Display | If EXT\SavedZoneNames\UpdateFlag Then "Uploading Zone Names, Please Wait..." Else If EXT\SavedZoneNames\UploadCompleteFlag Then "Upload Complete." Else "" |
| Button12 | | 92 | 116 | Button Momentary On: "ALARM SILENCE " Button Momentary On: "ALARM SILENCE ": Visibility Control Button Momentary On: "ALARM SILENCE ": Color Control | ALM_SILENCE SecMon\Word > 65533 ALM_SILENCE |
| Button8 | | 698 | 438 | Button: "Save New Zone Names": Touch Control: Release Action Button: "Save New Zone Names": Visibility Control Button: "Save New Zone Names": Color Control | DownloadZoneNames SecMon\Word > 65533 ALM_SILENCE |

1.1.23.3 Database Tags Used by the Component

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|--|-----------------|------------------------|
| ALM_SILENCE | Digital | ALARM SILENCE |
| EXT\layout1\btm5_loop1_faceplate_line1 | String | |
| EXT\layout1\btm5_loop1_faceplate_line2 | String | |
| EXT\layout1\btm5_loop2_faceplate_line1 | String | |
| EXT\layout1\btm5_loop2_faceplate_line2 | String | |
| EXT\layout1\btm5_loop3_faceplate_line1 | String | |
| EXT\layout1\btm5_loop3_faceplate_line2 | String | |
| EXT\layout1\btm5_loop4_faceplate_line1 | String | |
| EXT\layout1\btm5_loop4_faceplate_line2 | String | |
| EXT\layout1\btm6_loop1_faceplate_line1 | String | |

| <u>Tag Name</u> | <u>Tag Type</u> | <u>Tag Description</u> |
|--|-----------------|--|
| EXT\layout1\btm6_loop1_faceplate_line2 | String | |
| EXT\layout1\btm6_loop2_faceplate_line1 | String | |
| EXT\layout1\btm6_loop2_faceplate_line2 | String | |
| EXT\layout1\btm6_loop3_faceplate_line1 | String | |
| EXT\layout1\btm6_loop3_faceplate_line2 | String | |
| EXT\layout1\btm6_loop4_faceplate_line1 | String | |
| EXT\layout1\btm6_loop4_faceplate_line2 | String | |
| EXT\LAYOUT2\btm7_loop1_faceplate_line1 | String | |
| EXT\LAYOUT2\btm7_loop1_faceplate_line2 | String | |
| EXT\layout2\btm7_loop2_faceplate_line1 | String | |
| EXT\LAYOUT2\btm7_loop2_faceplate_line2 | String | |
| EXT\LAYOUT2\btm7_loop3_faceplate_line1 | String | |
| EXT\LAYOUT2\btm7_loop3_faceplate_line2 | String | |
| EXT\LAYOUT2\btm7_loop4_faceplate_line1 | String | |
| EXT\layout2\btm7_loop4_faceplate_line2 | String | |
| EXT\layout2\btm8_loop1_faceplate_line1 | String | |
| EXT\layout2\btm8_loop1_faceplate_line2 | String | |
| EXT\layout2\btm8_loop2_faceplate_line1 | String | |
| EXT\layout2\btm8_loop2_faceplate_line2 | String | |
| EXT\layout2\btm8_loop3_faceplate_line1 | String | |
| EXT\LAYOUT2\btm8_loop3_faceplate_line2 | String | |
| EXT\LAYOUT2\btm8_loop4_faceplate_line1 | String | |
| EXT\LAYOUT2\btm8_loop4_faceplate_line2 | String | |
| EXT\SavedZoneNames\UpdateFlag | Digital | |
| EXT\SavedZoneNames\UploadCompleteFlag | Digital | |
| initest | Digital | |
| SecMon\Word | Analog | Current User's security access in a word |
| secmonpatch | Analog | |
| SETUP\Z10TO13 | Digital | Setup Zone 10 to Zone 13 |
| SETUP\Z14TO17 | Digital | |
| SETUP\Z6TO9 | Digital | |
| SETUP\ZSFE | Digital | Side Feeder Select Bit |
| setup\zsfe2 | Digital | |