**Conformally coated model list**

Table 6-3 is a list of conformally coated High-Performance Process Manager assemblies.

Table 6-3 Conformally Coated Assembly Model Numbers

| Model Number | Non CE Compliant Part Number | CE Compliant Part Number | Description |
|---|---|---|---|
| **IOPs** | | | |
| MC-PAIH03 | N/A | 51304754-150 | High Level Analog Input (HLAI) |
| MC-PAIL02 | N/A | 51304481-150 | Low level Analog Input (LLAI) |
| MC-PAOX03 | 51304672-150 | 51309152-175 | Analog Output (AO) |
| MC-PAOY22 | N/A | 80363969-150 | Analog Output (AO) |
| MC-PDIS12 | N/A | 51402625-175 | Digital Input Sequence of Events (DI) |
| MC-PDIX02 | N/A | 51304485-150 | Digital Input (DI) |
| MC-PDIY22 | N/A | 80363972-150 | Digital Input (DI) |
| MC-PDOX02 | N/A | 51304487-150 | Digital Output (DO) |
| MC-PDOY22 | N/A | 80363975-150 | Digital Output (DO) |
| MC-PLAM02 | N/A | 51304362-150 | Low Level Multiplexer (LLMux) |
| MC-PRHM01 | N/A | 51404109-175 | Remote Hardened Low Level Multiplexer (RHMUX) |
| MC-PPIX02 | N/A | 51304386-150 | Pulse Input (PI) |
| MC-PSDX02 | N/A | 51304362-250 | Serial Device Interface (SDI) |
| MC-PSIM11 | N/A | 51304362-350 | Serial Interface (SI) |
| MC-PSTX02 | 51304516-150 | N/A | Smart Transmitter Interface (STI) |
| MC-PSTX03 | N/A | 51304516-250 | Smart Transmitter Interface Multivariable (STIM) |
| **Standard FTAs** | | | |
| MC-TAIH02 | 51304453-150 | N/A | High Level Analog Input/STI with compression term |
| MC-TAIH03 | N/A | 51309136-175 | High Level Analog Input with compression terminals |
| MC-TAIH12 | 51304337-150 | N/A | High Level Analog Input/STI with compression term |
| MC-TAIH13 | N/A | 51309138-175 | High Level Analog Input with compression terminals |
| MC-TAIH22 | 80366195-150 | N/A | High Level Analog Input/STI with compression term |
| MC-TAIH23 | N/A | 80366195-175 | High Level Analog Input with compression terminals |
| MC-TAIH52 | 51304337-250 | N/A | High Level Analog Input/STI with screw terminals |

*Continued on next page*

**Conformally coated IOPs**

Table 7-3 lists the model numbers of the CE Compliant and non-CE Compliant IOP cards that are conformally coated. Model numbers and part numbers identify the assemblies.

Table 7-3 IOPs—Conformally Coated

| IOP Type | Model Number | Non-CE Compliant Part Number | CE Compliant Part Number |
|---|---|---|---|
| LLAI | MC-PAIL02 | N/A | 51304481-150 |
| LLMux | MC-PLAM02 | N/A | 51304362-150 |
| RHMUX | MC-PRHM01 | N/A | 51404109-175 |
| HLAI | MC-PAIH03 | N/A | 51304754-150 |
| STI | MC-PSTX02 | N/A | 51304516-150 |
| STIM | MC-PSTX03 | N/A | 51304516-250 |
| AO | MC-PAOX03 | 51304672-150 | 51309152-175 |
| AO | MC-PAOY22 | N/A | 80363969-150 |
| DI | MC-PDIX02 | N/A | 51304485-150 |
| DI | MC-PDIY22 | N/A | 80363972-150 |
| DISOE | MC-PDIS12 | N/A | 51402625-175 |
| DO | MC-PDOX02 | N/A | 51304487-150 |
| DO | MC-PDOY22 | N/A | 80363975-150 |
| PI | MC-PPIX02 | N/A | 51304386-150 |
| SDI | MC-PSDX02 | N/A | 51304362-250 |
| SI | MC-PSIM11 | N/A | 51304362-350 |

## 6.18. Analog Output 8-Point Processor/FTA

**MC-PAOX03**

| Parameter | Specification |
|---|---|
| FTA Models | **MU-TAOX02, TAOX12, TAOX52** |
| Output Type | 4-20 mA |
| Output Channels | 8 |
| Output Ripple | 100 mV peak-to-peak at power line frequency, across 250 □ load |
| Output Temperature Stability | 0.02% Full Scale/□C |
| Resolution | ± 0.05% |
| Calibrated Accuracy | ± 0.35% (25□C) including linearity |
| Output Readback Checking Accuracy | ±4% |
| Humidity | 10 - 90% non-condensing |
| Directly Accessible Output Current Range | 0.1-21.4 mA |
| Maximum Current Output | 26 mA |
| Maximum Resistive Load | 750 □ @ 22 mA |
| Output Settling Time (digital input code to 98% of final output value) | 4 ms |
| Surge withstand capability | ANSI/IEEE C37.90.1-1978 |

## 6.19. Analog Output 8-Point Processor Redundancy Option

**MU-TAOX12, TAOX52**

| Parameter | Specification |
|---|---|
| Output Signal Perturbation During Swap | 1 ms nominal<br>4 ms maximum |
| Output Signal Perturbation During Failover | 30 ms nominal<br>125 ms maximum |
| FTA Switching Hardware Diagnostic Frequency | Once per minute |