

Programmable Controllers for Use in Hazardous Locations

COMPANY

PHOENIX CONTACT GmbH & Co. KG

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E196811

View model for additional information

Associated Apparatus, Non-hazardous location use, Bluetooth access points, Model(s): [FL BLUETOOTH AP 2737999](#), [FL BT MOD IO AP 2884758](#)

Associated Apparatus, Non-hazardous location use, Bluetooth ethernet port adapters, Model(s): [FL BT EPA MP/2701416](#), [FL BT EPA/2692788](#)

Associated Apparatus, Non-hazardous location use, Class I, Division 2, Groups A, B, C and D, interactive displays, Model(s): [BTP 2043W GEN 2](#), [BTP 2070W GEN 2](#), [BTP 2102W GEN 2](#), [BWP 2043W](#), [BWP 2070W](#), [BWP 2102W](#), [xTP 2043W \[a\]](#), [xTP 2070W \[a\]](#), [xTP 2102W \[a\]](#)

Associated Apparatus, Non-hazardous location use, Enclosed, Programmable controllers, Model(s): [VL BPC 2000](#), [VL PPC 2000](#)

Associated Apparatus, Non-hazardous location use, Industrial computers, Model(s): [VL2 BPC 1000](#), [VL2 BPC 2000](#), [VL2 BPC 3000](#), [VL2 BPC 7000](#), [VL2 PPC 2000](#), [VL2 PPC 3000](#), [VL2 PPC 7000](#)

Associated Apparatus, Non-hazardous location use, Interactive display, Model(s): [BTP 2150W](#)

Associated Apparatus, Non-hazardous location use, Modular Gateway, Model(s): [GW PL DIO4-BUS](#), [GW PL HART8-BUS](#)

Associated Apparatus, Non-hazardous location use, modular gateways, Model(s): [GW PL HART8+AI-BUS](#)

Associated Apparatus, Non-hazardous location use, Programmable Controllers for use in HazLoc, Model(s): [FL BT EPA 2](#), [FL EPA 2](#), [FL EPA 2 RSMA](#)

Associated Apparatus, Non-hazardous location use, Valueline IPC and TP series drive tray field installed accessory kits, Type VL 16 GB SSD (SLC), for use with UL Listed Models Valueline IPC, TP5120T, TP5150T, TP5170T, TP5120C, TP5150C and TP5170C modules, Model(s): [2913199](#)

Associated Apparatus, Non-hazardous location use, Valueline IPC and TP series drive tray field installed accessory kits, Type VL 160 GB SSD, for use with UL Listed Models Valueline IPC, TP5120T, TP5150T, TP5170T, TP5120C, TP5150C and TP5170C modules, Model(s): [2701113](#)

Associated Apparatus, Non-hazardous location use, Valueline IPC and TP series drive tray field installed accessory kits, Type VL 32 GB SSD (SLC), for use with UL Listed Models Valueline IPC, TP5120T, TP5150T, TP5170T, TP5120C, TP5150C and TP5170C modules, Model(s): [2913200](#)

Associated Apparatus, Non-hazardous location use, Valueline IPC and TP series drive tray field installed accessory kits, Type VL 320 GB SSD, for use with UL Listed Models Valueline IPC, TP5120T, TP5150T, TP5170T, TP5120C, TP5150C and TP5170C modules, Model(s): [2701111](#)

Associated Apparatus, Non-hazardous location use, Valueline IPC and TP series drive tray field installed accessory kits, Type VL 80 GB SSD, for use with UL Listed Models Valueline IPC, TP5120T, TP5150T, TP5170T, TP5120C, TP5150C and TP5170C modules, Model(s): [2701112](#)

Associated Apparatus, Non-hazardous location use, Valueline IPC modules, "TP Series", Model(s): [TP5120C](#), [TP5120T](#), [TP5150C](#), [TP5150T](#), [TP5170C](#), [TP5170T](#)

Associated Apparatus, Non-hazardous location use, wireless lan ethernet port adapters, Model(s): [FL WLAN EPA 5N/2700488](#), [FL WLAN EPA RSMA/2701169](#), [FL WLAN EPA/2692791](#)

Associated Apparatus, Non-hazardous location use, Wireless modules, Model(s): [FL WLAN 5101](#)

Class I, Division 2, Group A, B, C and D provides Intrinsically safe circuit extensions for use in Class I, Division 1, Group A, B, C and D, Class II, Division 1, Group E, F and G, Class III, Division 1, Programmable Controllers, "Axio P EX IS", Model(s): [AXL P EX IS AI8 HART 1F](#) Provides intrinsically safe outputs for use in Class I, Div. 1, Groups A, B, C, and D, Class II, Div. 1, Groups E, F, and G, Class III, Div. 1 Hazardous Locations when installed in accordance with manufacturer's installation instructions no. 4080.

Class I, Division 2, Group A, B, C and D provides Intrinsically safe circuit extensions for use in Class I, Division 1, Group A, B, C and D, Class II, Division 1, Group E, F and G, Class III, Division 1, Programmable Controllers, "Axio P EX IS", Model(s): [AXL P EX IS AO4 HART 1F](#) Provides intrinsically safe outputs for use in Class I, Div. 1, Groups A, B, C, and D, Class II, Div. 1, Groups E, F, and G, Class III, Div. 1 Hazardous Locations when installed in accordance with manufacturer's installation instructions no. 4103.

Class I, Division 2, Group A, B, C and D provides Intrinsically safe circuit extensions for use in Class I, Division 1, Group A, B, C and D, Class II, Division 1, Group E, F and G, Class III, Division 1, Programmable Controllers, "Axio P EX IS", Model(s): [AXL P EX IS DI16 NAM 1F](#) Provides intrinsically safe outputs for use in Class I, Div. 1, Groups A, B, C, and D, Class II, Div. 1, Groups E, F, and G, Class III, Div. 1 Hazardous Locations when installed in accordance with manufacturer's installation instructions no. 4081.

Class I, Division 2, Group A, B, C and D provides Intrinsically safe circuit extensions for use in Class I, Division 1, Group A, B, C and D, Class II, Division 1, Group E, F and G, Class III, Division 1, Programmable Controllers, "Axio P EX IS", Model(s): [AXL P EX IS DO4 SD 24-48 1F](#) Provides intrinsically safe outputs for use in Class I, Div. 1, Groups A, B, C, and D, Class II, Div. 1, Groups E, F, and G, Class III, Div. 1 Hazardous Locations when installed in accordance with manufacturer's installation instructions no. 4106.

Class I, Division 2, Group A, B, C and D provides Intrinsically safe circuit extensions for use in Class I, Division 1, Group C and D, Class II, Division 1, Group E, F and G, Class III, Division 1 when installed in accordance with Control Drawing No(s). 4104, Programmable Controllers, "Axio F EX IS", Model(s): [AXL F EX IS DO4 SD 24-48 XC 1F](#) Provides intrinsically safe outputs for use in Class I, Div. 1, Groups A, B, C, and D, Class II, Div. 1, Groups E, F, and G, Class III, Div. 1 Hazardous Locations when installed in accordance with manufacturer's installation instructions no. 4104.

Class I, Division 2, Group A, B, C and D provides Intrinsically safe circuit extensions for use in Class I, Division 1, Group C and D, Class II, Division 1, Group E, F and G, Class III, Division 1 when installed in accordance with Control Drawing No(s). 4105, Programmable Controllers, "Axio F EX IS", Model(s): [AXL F EX IS DO4 SD 21-60 XC 1F](#) Provides intrinsically safe outputs for use in Class I, Div. 1, Groups C and D, Class II, Div. 1, Groups E, F, and G, Class III, Div. 1 Hazardous Locations when installed in accordance with manufacturer's installation instructions no. 4105.

Class I, Division 2, Group A, B, C and D provides Intrinsically safe circuit extensions for use in Class I, Division 1, Group C and D, Class II, Division 1, Group E, F and G, Class III, Division 1, Programmable Controllers, "Axio P EX IS", Model(s): [AXL P EX IS DO4 SD 21-60 1F](#) Provides intrinsically safe outputs for use in Class I, Div. 1, Groups C and D, Class II, Div. 1, Groups E, F, and G, Class III, Div. 1 Hazardous Locations when installed in accordance with manufacturer's installation instructions no. 4107.

Class I, Division 2, Group A, B, C and D, , Model(s): [AWIN GW100](#), [AWIN GW120](#), [FL SWITCH 1116T](#), [FL SWITCH 1024T](#), [GW WIRELESSHART GATEWAY](#)

Class I, Division 2, Group A, B, C and D, , Model(s): [FL SWITCH 1105NT](#) may be followed by suffix -C or C for PCB conformal coating.

Class I, Division 2, Group A, B, C and D, , Model(s): [FL SWITCH 1108NT](#) may be followed by suffix -C or C for PCB conformal coating.

Class I, Division 2, Group A, B, C and D, Ethernet Switch, Model(s): [FL SWITCH 3016](#), [FL SWITCH 3016T](#), [FL SWITCH SF 14TX/2FX](#), [FL SWITCH SF 15TX/FX](#), [FL SWITCH SF 16TX](#), [FL SWITCH SFN 6TX/2FX](#), [FL SWITCH SFN 6TX/2FX ST](#), [FL SWITCH SFN 6TX/2FX-NF](#), [FL](#)

SWITCH SFN 7TX/FX, FL SWITCH SFN 7TX/FX ST, FL SWITCH SFN 7TX/FX-NE, FL SWITCH SFN 8TX, FL SWITCH SFN 8TX-NE

Class I, Division 2, Group A, B, C and D, Ethernet Switch, Model(s): FL SWITCH 1004NT-SFX may be followed by suffix -C or C for PCB conformal coating

Class I, Division 2, Group A, B, C and D, Ethernet Switch, Model(s): FL SWITCH 1005NT may be followed by suffix -C or C for PCB conformal coating

Class I, Division 2, Group A, B, C and D, Ethernet Switch, Model(s): FL SWITCH 1005NT-2SFX may be followed by suffix -C or C for PCB conformal coating

Class I, Division 2, Group A, B, C and D, Ethernet Switch, Model(s): FL SWITCH 1008NT may be followed by suffix -C or C for PCB conformal coating

Class I, Division 2, Group A, B, C and D, Ethernet Switch, Model(s): FL SWITCH 1012NT-2SFP may be followed by suffix -C or C for PCB conformal coating

Class I, Division 2, Group A, B, C and D, Ethernet Switch, Model(s): FL SWITCH 1104NT-SFP may be followed by suffix -C or C for PCB conformal coating

Class I, Division 2, Group A, B, C and D, Ethernet Switch, Model(s): FL SWITCH 1105NT-2SFP may be followed by suffix -C or C for PCB conformal coating

Class I, Division 2, Group A, B, C and D, Ethernet Switch, Model(s): FL SWITCH 1116N may be followed by suffix -C or C for PCB conformal coating

Class I, Division 2, Group A, B, C and D, Industrial compact Wireless LAN module, "FL WLAN", Model(s): FL WLAN 1101 (Art. No. 2702538), FL WLAN 2101 (Art. No. 2702540)

Class I, Division 2, Group A, B, C and D, Industrial computers, Model(s): VL2 BPC 1000 EX, VL2 BPC 2000 EX, VL2 BPC 3000 EX, VL2 BPC 7000 EX, VL2 BPC 9000, VL2 BPC 9000 EX, VL2 PPC 1000, VL2 PPC 1000 EX, VL2 PPC 2000 EX, VL2 PPC 3000 EX, VL2 PPC 7000 EX, VL2 PPC 9000, VL2 PPC 9000 EX

Class I, Division 2, Group A, B, C and D, Industrial Computers, Model(s): VL2 BPC 1000, VL2 BPC 1000 EX, VL2 PPC 1000, VL2 PPC 1000 EX, VL2 PPC12 1000, VL2 PPC7 1000, VL2 PPC9 1000, VL2 PPC9 1000 EX

Class I, Division 2, Group A, B, C and D, Industrial Ethernet Switch, Model(s): FL SWITCH 1004N-FX, FL SWITCH 1004N-FX SM, FL SWITCH 1004N-FX ST, FL SWITCH 1004N-SFX, FL SWITCH 1005N-2SFX, FL SWITCH 1104N-SFP, FL SWITCH 1105N-2SFP

Class I, Division 2, Group A, B, C and D, Industrial Radio, Model(s): RAD-900-DAIO6

Class I, Division 2, Group A, B, C and D, modular gateways, Model(s): GW PL ETH/BASIC-BUS, GW PL ETH/UNI-BUS, GW PL HART4-BUS

Class I, Division 2, Group A, B, C and D, Open Type Ethernet Switch, Model(s): FL SWITCH 1005N, FL SWITCH 1008N, FL SWITCH 1016N, FL SWITCH 1105N, FL SWITCH 1108N

Class I, Division 2, Group A, B, C and D, PLC, "IOA Relay Modules", Model(s): IOA REL 120V DI/1.0A/EX, IOA REL 120V DO/BFI/3.0A/EX, IOA REL 230V DI/1.0A/EX, IOA REL 230V DO/BFI/NC/3.0A/EX, IOA REL 230V DO/BFI/NO/3.0A/EX, IOA REL 24V DI/BFI/1.0A/EX, IOA REL 24V DO/BFI/3.0A/EX

Class I, Division 2, Group A, B, C and D, Programmable Controller, POE Injector, Model(s): INJ 1000, INJ 1000-T, INJ 1010, INJ 1010-T

Class I, Division 2, Group A, B, C and D, Programmable Controller, Model(s): IOA AI/AO/BFI/DS/0.5A/EX, IOA DI/DO/BFI/DS/1.0A/EX, IOA FEED-THRU/EX, VIP/S/D25M/BASE 1-8/L/C/EX

Class I, Division 2, Group A, B, C and D, Programmable Controllers, "Axio F EX IS", Model(s): AXL F EX IS AI8 HART XC 1E Provides intrinsically safe outputs for use in Class I, Div. 1, Groups A, B, C, and D, Class II, Div. 1, Groups E, F, and G, Class III, Div. 1 Hazardous Locations when installed in accordance with manufacturer's installation instructions no. 4041.

Class I, Division 2, Group A, B, C and D, Programmable Controllers, "Axio F EX IS", Model(s): AXL F EX IS AO4 HART XC 1F

Provides intrinsically safe outputs for use in Class I, Div. 1, Groups A, B, C, and D, Class II, Div. 1, Groups E, F, and G, Class III, Div. 1 Hazardous Locations when installed in accordance with manufacturer's installation instructions no. 4102.

Class I, Division 2, Group A, B, C and D, Programmable Controllers, "Axio F EX IS", Model(s): AXL F EX IS DI16 NAM XC 1F

Provides intrinsically safe outputs for use in Class I, Div. 1, Groups A, B, C, and D, Class II, Div. 1, Groups E, F, and G, Class III, Div. 1 Hazardous Locations when installed in accordance with manufacturer's installation instructions no. 4042.

Class I, Division 2, Group A, B, C and D, Programmable Controllers, "Axio F", Model(s): AXL F AI8 HART XC 1F, AXL F AI8 P HART XC 1F, AXL F AO4 HART XC 1F, AXL F DI16 NAM XC 1F

Class I, Division 2, Group A, B, C and D, Programmable Controllers, "Axio P", Model(s): AXL P AI8 HART 1F, AXL P AI8 P HART 1F, AXL P AO4 HART 1F, AXL P DI16 NAM 1F, AXL P DI16/2 1F, AXL P FBPS 28DC/0.5A, AXL P FBPS BASE, AXL P RTD8 1F, AXL P TERM PAIR

Class I, Division 2, Group A, B, C and D, Programmable Controllers, "Axio P", Model(s): AXL P BK followed by PN, ETH, EIP, HSE, or UNI, , may be preceded or followed by xxx which can indicate any number or combination of alphanumeric characters to indicate customer-specific models, may also be followed by AF or EF

Class I, Division 2, Group A, B, C and D, Programmable Controllers, "VL3", Model(s): 1376797 followed by A21, A22, or A23, followed by I54, I55, I56 or I57, followed by R36, R41, R42, R43 or R44, followed by RD00 or RD01, followed by M00, M93, M94, M95, M96 or M100, followed by M00, M93, M94, M95, M96 or M100, followed by OSxx, followed by Sxx, followed by EF00 or EF15, followed by EF00, followed by EF00, EF18, EF19, EF20 or EF21, followed by EF00 or EF22, followed by AP02, where "xx" is any two digit number signifying Operating System or Software identifiers. Model type designation may also be followed by suffix EX.

Class I, Division 2, Group A, B, C and D, Programmable Controllers, "VL3", Model(s): 1376798 followed by D30, D37 or D47, followed by A20, followed by I54, I55, I56 or I57, followed by R36, R41, R42, R43 or R44, followed by RD00 or RD01, followed by M00, M93, M94, M95, M96 or M100, followed by M00, M93, M94, M95, M96 or M100, followed by OSxx, followed by Sxx, followed by EF00 or EF15, followed by EF00, followed by EF00, EF18, EF19, EF20 or EF21, followed by AP02, where "xx" is any two digit number signifying Operating System or Software identifiers. Model type designation may also be followed by suffix EX.

Class I, Division 2, Group A, B, C and D, Programmable Controllers, "VL3", Model(s): VL3 BPC Model type designation may also be followed by suffix EX.

Class I, Division 2, Group A, B, C and D, Programmable Controllers, "VL3", Model(s): VL3 PPC Model type designation may also be followed by suffix EX.

Class I, Division 2, Group A, B, C and D, Valueline IPC modules, Model(s): VL IPC P7000

Class I, Division 2, Group A, B, C and D, Valueline IPC modules, Types VALUELINE IPC, Model(s): VL BPC 3000, VL PPC 3000

Class I, Division 2, Group A, B, C and D, Wireless modules, Model(s): FL WLAN 5111

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