



Description: All models utilize dry, clean inert gas supply of 60 PSI (4 bar) to 115 PSI (8 bar). Type X models provide automatic purge cycle and 4PNO/20A/440VAC power contactor with 115 VAC or 230 VAC coil. Local visual indicators provide system status.

Material: All exterior components are 316 stainless steel or corrosion-resistant composite. Brushed 316 stainless steel finish.

Heating element: Leak compensation: Maintains positive pressure by compensating for losses. System consists of control unit and relief valve. Leak compensation models are equipped with rapid purge valve and visual status indicator.; ; Certification Type Y and Z models; • Flush (internal) or external mount models; • Local visual alarm indicator and dry contact output for remote alarm; • Typically recommended for enclosures with volume of 60 cubic feet or less; Certification Type X Model; • Provides power disconnect when pressurization is lost or not attained; • Provides automatic purge process; • External mount; • Local visual alarm indicator and dry contact output for remote alarm; • Typically recommended for enclosures with volume of 60 cubic feet or less;

Continuous flow: Provides positive pressure via continuous protective air flow through the enclosure. System consists of control unit, calibrated outlet orifice and relief valve.; ; Certification Type Y and Z Models; • Flush (internal) or external mount models; • Local visual alarm indicator and dry contact output for remote alarm; • Typically recommended for enclosures with volume of 17 Ft3 or less. Larger enclosures can use continuous flow models, but will require longer purging times.

Switch capacity: Gasket: Operating temperature: -20 (-4) to 55 °C (131 °F).

Connection: Type of connection: Flammability: Body: Cover: Door: Lock: Mounting plate: Cable access: Protection: Finish: Approvals: Type X: Ex [px] Ex [p]; IECEX SIR.0019X [Gb, Db]; Europe, ATEX Category 2 GD; Cert no Sira 14ATEX1045X; USA/Canada NFPA496 CI I Div 1 Groups A, B, C, D; UL E466718. Type Y: Ex [py] Ex [p]; IECEX SIR.0019X [Gb, Db]; Europe, ATEX Category 2 GD; Cert no Sira 14ATEX1045X; North America CI I Div 1 Groups A, B, C, D; For protecting CI I Div 2 equipment; UL E466718. Type Z: Ex [pz] Ex [p]; IECEX SIR.0019X [Gc, Dc]; Europe, ATEX Category 3 GD; Cert no Sira 14ATEX1045X; North America CI I Div 2 Groups A, B, C, D; UL E466718.

Delivery: Scope of delivery: Requirements: Type 4, 4X and 12 (IP54 recommended minimum) enclosures.

Mounting: Pack quantity: 1 piece.

Note:

Mounting type	Certification	Item no.
Flush Mount	Y and Z	PLCF1YZ
Exterior Mount	Y and Z	PLCB1YZ
Flush Mount	Y and Z	PCFF1YZ
Exterior Mount	Y and Z	PCFB1YZ
Exterior Mount	X (120 VAC)	PLCS1X1
Exterior Mount	X (230 VAC)	PLCS1X2
-	-	PLCSKIT
-	-	PCFSKIT