

KL4202X1-DC1 CHARM I/O Junction Box M20

KL4202X1-EC1 CHARM I/O Junction Box 1/2" NPT

Hazardous Atmosphere



II 3G Ex ec IIC T4 Gc
 II 3G Ex ec nA IIC T4 Gc
 II 3G Ex ec nC IIC T4 Gc
 II 3G Ex ec nA nC IIC T4 Gc
 II 3G Ex ec [ic] IIC T4 Gc
 II 3G Ex ec nA [ic] IIC T4 Gc
 II 3G Ex ec nC [ic] IIC T4 Gc
 II 3G Ex ec nA nC [ic] IIC T4 Gc
 FM18ATEX0059X
 IECEx FMG 18.0021X
 FM21UKEX0018X



CL I Div. 2 GP. A,B,C,D T4
 CL I, ZN 2 AEx/Ex ec IIC T4 Gc
 CL I, ZN 2 AEx/Ex ec nA IIC T4 Gc
 CL I, ZN 2 AEx/Ex ec nC IIC T4 Gc
 CL I, ZN 2 AEx/Ex ec nA nC IIC T4 Gc CL
 I, ZN 2 AEx/Ex ec [ic] IIC T4 Gc
 CL I, ZN 2 AEx/Ex ec nA [ic] IIC T4 Gc CL
 I, ZN 2 AEx/Ex ec nC [ic] IIC T4 Gc CL I,
 ZN 2 AEx/Ex ec nA nC [ic] IIC T4 Gc
 FM18US0219X; FM18CA0104X

Power Specifications

Carrier Power Rating	+24 VDC +/-10% at 7 A max
Channel Power Rating	32 VDC at 2 A max
Buss Power Rating	32 VDC at 10A max

Environmental Specifications

Ambient Temperature	-40 °C to +45 °C...55 °C
Shock	10 g half-sine wave for 11 ms
Vibration	1 mm peak to peak from 2 to 13.2 Hz; 0.7 g from 13.2 to 150 Hz

Airborne Contaminants	ISA-S71.04 –1985 Airborne Contaminants Class G3
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Relative Humidity	5 to 95% non-condensing
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Note: Refer to the product label for serial number and location and date of manufacture.

Warning: This product has specific instructions for installation, removal and operation in hazardous areas. Refer to document 12P3045, *DeltaV™ CHARM I/O Junction Box System Class I Division 2 / Zone 2 Installation Instructions*". Other installation instructions are available in the "*DeltaV™ S-Series and CHARMs Hardware Installation*" manual.

Removal and Insertion

This unit cannot be removed or inserted with system power energized.

Maintenance and Adjustment

This unit contains no user-serviceable parts and should not be disassembled for any reason. Calibration is not required.

Other Safety Approvals

