DELTAV CHARM I/O

Product Data Sheet

KL2101X1-BB1 12P8775 SE6504

CHARM I/O Interface Card

INPUT VOLTAGE RATING	MAXIMUM INPUT CURRENT	OUTPUT VOLTAGE RATING	OUTPUT CURRENT RATING
24 V DC	**2 A**	**6.3 V DC**	**3.25 A**

Emerson KL2101X1-BB1 12P8775 SE6504 is a charm i/o interface card in the DeltaV CHARM I/O range. It is the CIOC2 controller-facing card in the DeltaV electronic-marshalling subsystem. It manages the configured CHARM channels and communicates their field data through the documented DeltaV network.

01 VERIFIED TECHNICAL DATA

Input voltage rating	24 V DC
Maximum input current	2 A
Output voltage rating	6.3 V DC
Output current rating	3.25 A
Ambient temperature	-40 to +70 deg C
Shock acceleration	10 g half-sine
Shock pulse duration	11 ms
Low-frequency vibration displacement	1 mm peak-to-peak at 2 to 13.2 Hz
High-frequency vibration acceleration	0.7 g at 13.2 to 150 Hz
Operating humidity	5 to 95% non-condensing

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Airborne contaminant class	ISA-S71.04-1985 G3
ATEX marking	II 3G Ex ec IIC Gc
ATEX certificate	FM19ATEX0173U
IECEx certificate	FMG 19.0019U
North American classification	Class I Division 2 Groups A, B, C, D

03 DOCUMENTED USE SETTINGS

Oil Refining and Natural Gas Production: Petroleum Refining and Processing.

Chemical Manufacturing and Petrochemical Production: Industrial Chemical Manufacturing.

Electric Power Generation and Energy Production: Thermal Power Generation.

04 SYSTEM COMPATIBILITY

Emerson KL2101X1-BB1 12P8775 SE6504 is a charm i/o interface card in the DeltaV CHARM I/O range. It is the CIOC2 controller-facing card in the DeltaV electronic-marshalling subsystem. It manages the configured CHARM channels and communicates their field data through the documented DeltaV network.

05 PRODUCT EVIDENCE

DeltaV CHARM I/O manufacturer technical reference

AMIKON PRODUCT SUPPORT

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