

DELTA V CHARM I/O CIOC

Product Data Sheet

KL2101X1-BA1 12P4987X062

CHARM I/O Communication Card

INPUT POWER RATING 24 V DC at 2 A	OUTPUT POWER RATING 6.3 V DC at 3.25 A	OPERATING AMBIENT TEMPERATURE -40 to 70 deg C	MECHANICAL SHOCK 10 g half-sine for 11 ms
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Emerson KL2101X1-BA1 12P4987X062 is a DeltaV CHARM I/O Card for compatible electronic-marshalling arrangements. It supports the configured connection between the CHARM subsystem and the DeltaV control project.

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VERIFIED TECHNICAL DATA

Input power rating	24 V DC at 2 A
Output power rating	6.3 V DC at 3.25 A
Operating ambient temperature	-40 to 70 deg C
Mechanical shock	10 g half-sine for 11 ms
Vibration limits	1 mm peak-to-peak, 2 to 13.2 Hz; 0.7 g, 13.2 to 150 Hz
Relative humidity	5 to 95%, non-condensing
Enclosure protection	IP20
Contaminant class	ISA-S71.04-1985 Class G3
Hazardous-area classification	Ex nA IIC T4 Gc; II 3 G
Certification number	Nemko 11ATEX3029U

ADDITIONAL PRODUCT DATA

Naked product size	3.4 x 13 x 13cm
Naked product weight	0.30kg

DOCUMENTED USE SETTINGS

Chemical Manufacturing and Continuous Process Production: Industrial Chemical Process Control.

Pharmaceutical Manufacturing and Batch Production: Pharmaceutical Batch Process Control.

Mining and Mineral Processing Production: Mineral Processing and Beneficiation.

SYSTEM COMPATIBILITY

Match KL2101X1-BA1 12P4987X062 to the installed DeltaV CHARM I/O CIOC hardware and project. Confirm the connector layout, supplied revision and required companion parts before selecting this charm i/o communication card.

PRODUCT EVIDENCE

Emerson ATEX26, KL2101X1-BA1 CHARM I/O Card, August 2011

AMIKON PRODUCT SUPPORT

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