

DELTA V CHARM I/O

Product Data Sheet

KL4502X1-PA1

fused injected-power terminal block

FUNCTION	FAMILY	ORIGIN	WEIGHT
fused injected-power terminal block	DeltaV CHARM I/O	United States	0.35 kg

DeltaV KL4502X1-PA1 is a fused injected-power terminal block for the DeltaV CHARM I/O. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Instruction Sheet	ATEX144
Ambient Temperature	-40 °C to +70 °C
Shock Rating	10g ½ Sinewave for 11msec
Vibration Rating	1mm Peak to Peak from 2 to 13.2Hz; 0.7g from 13.2 to 150Hz
Airborne Contaminants	ISA-S71.04 –1985 Airborne Contaminants Class G3
Relative Humidity	5 to 95% Non-Condensing
Terminal Key Position	Automatically set during installation
Insertion State	System power de-energized
Field Maintenance	No user-serviceable parts
Calibration	Not required

ADDITIONAL PRODUCT DATA

OFFICIAL APPLICATIONS

- Batching and packaging Fused Injected-Power Terminal applications: Production Control Systems
- Batch and utility suites Fused Injected-Power Terminal applications: Validated Control Systems
- Stock and paper machines Fused Injected-Power Terminal applications: Mill Production Systems

SYSTEM COMPATIBILITY

Match KL4502X1-PA1 to the installed DeltaV CHARM I/O, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Emerson official manufacturer documentation](#)

Local official PDF: KL4502X1-PA1.pdf