

KL4502X1-EA1

CHARM Baseplate Terminator Bottom

Product identification

Emerson KL4502X1-EA1 is the CHARM Baseplate Terminator Bottom for DeltaV Electronic Marshalling. It provides the documented bottom termination for a CHARM baseplate column.

Parameter	Official value
Manufacturer	Emerson
Model	KL4502X1-EA1
Product Family	DeltaV Electronic Marshalling
Product Type	CHARM Baseplate Terminator Bottom

Technical information

Parameter	Official value
Hazardous-Area Marking	Class I Division 2 and Zone 2
Removal Requirement	De-energize unless the area is non-hazardous
Serviceable Parts	None
Terminal Power	6.3 VDC at 10 mA
Calibration	Not required
Installation Reference	DeltaV CHARM I/O Zone 2 instructions
Ambient Temperature	-40 to +70 degrees C
Relative Humidity	5 to 95%, non-condensing
Airborne Contaminants	ISA-S71.04 Class G3

Applications

- Terminates the bottom of a supported DeltaV CHARM baseplate column.
- Supports CHARM I/O installations in approved Class I Division 2 or Zone 2 areas.
- Completes cabinet or field-junction-box baseplate assemblies built to the DeltaV installation rules.

Hazardous Handling

- Official documentation specifies hazardous-area marking as Class I Division 2 and Zone 2 for this configuration.
- Official documentation specifies removal requirement as De-energize unless the area is non-hazardous for this configuration.
- Official documentation specifies serviceable parts as None for this configuration.

Service Parameters

- Official documentation specifies terminal power as 6.3 VDC at 10 mA for this configuration.
- Official documentation specifies calibration as Not required for this configuration.
- Official documentation specifies installation reference as DeltaV CHARM I/O Zone 2 instructions for this configuration.

Environmental Limits

- Official documentation specifies ambient temperature as -40 to +70 degrees C for this configuration.
- Official documentation specifies relative humidity as 5 to 95%, non-condensing for this configuration.
- Official documentation specifies airborne contaminants as ISA-S71.04 Class G3 for this configuration.

Selection and installation checks

- Confirm the bottom-terminator orientation.
- Remove system power before handling in hazardous locations.
- Use the complete kl4502x1-ea1 code.

Request a quotation
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Product reference
KL4502X1-EA1
CHARM Baseplate Terminator Bottom



Manufacturer source

<https://www.emerson.com/is/content/emerson/en/systems-and-software/deltav-distributed-control-system-dcs/certificates/atex/kl4502x1-ea1-charm-column-terminator-bottom-fa1-charm-baseplate-terminator-top.pdf>