

# Data sheet

## PV10 F10

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P/N  
110720

EAN 4250184123187

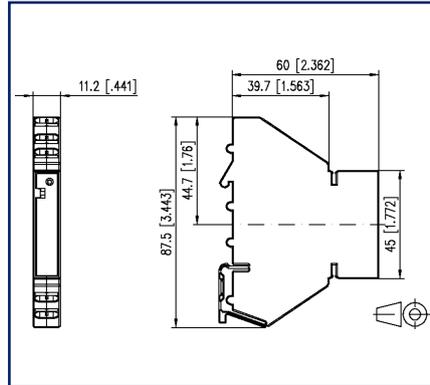
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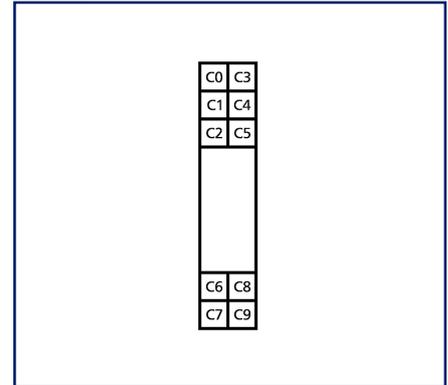
### Illustrations



Dimensional drawing



Wiring diagram



See enlarged drawings at the end of document

### Product specification

The potential distributor distributes the potential of up to 10 lines on the top hat rail.

- Potential distributor
- Connection with spring-clamp terminal blocks (push-in)
- Test contacts for each terminal block



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**Technical Data**

<b>Supply</b>	
Operating voltage	250 V AC/DC
total current	16 A AC/DC
Current per terminal (max.)	10 A AC/DC
<b>Outputs</b>	
Contact material	AgSnO <sub>2</sub>
<b>Housing</b>	
Dimensions	
Dimension (W x H x D)	11.2 mm x 87.5 mm x 60 mm
Dimension (W x H x D)	0.441 in. x 3.445 in. x 2.362 in.
Weight	30 g
Mounting style	Standard rail TH35
Mounting position	any
Apposition	without distance
Connection type	Spring clamp terminal blocks
<b>Terminal blocks</b>	
Wire cross section solid	0.08 mm <sup>2</sup> - 2.5 mm <sup>2</sup> / AWG 28-14
Wire cross section multi	0.08 mm <sup>2</sup> - 2.5 mm <sup>2</sup> / AWG 28-14
Wire cross section with wire ferrule	0,14 mm <sup>2</sup> - 1,5 mm <sup>2</sup> / AWG 26-16
Stripping length (min.)	10 mm
<b>Material</b>	
Material - Housing	Polyamid 6.6 V0
Color	gray
Material - Terminal block	Polyamid 6.6 V0
<b>Protection category according to IEC 60529</b>	
Protection category - housing (acc. to IEC 60529)	IP20
<b>Climatic Data</b>	
Operating	
Temperature - Operating °C	-20 °C - 55 °C
Temperature - Operating °F	-4 °F - 131 °F
Relative humidity	max. 85 % non-condensing
Storage	
Temperature - Storage °C	-25 °C - 70 °C

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**Technical Data****Climatic Data**

## Storage

Temperature - Storage °F -13 °F - 158 °F

**Power loss**

Power loss (typical) 500 mW

**Classifications**

ETIM 7.0 EC001284

ETIM 8.0 EC001284

ETIM 9.0 EC001284

ETIM 10.0 EC001284

**Application note**

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).



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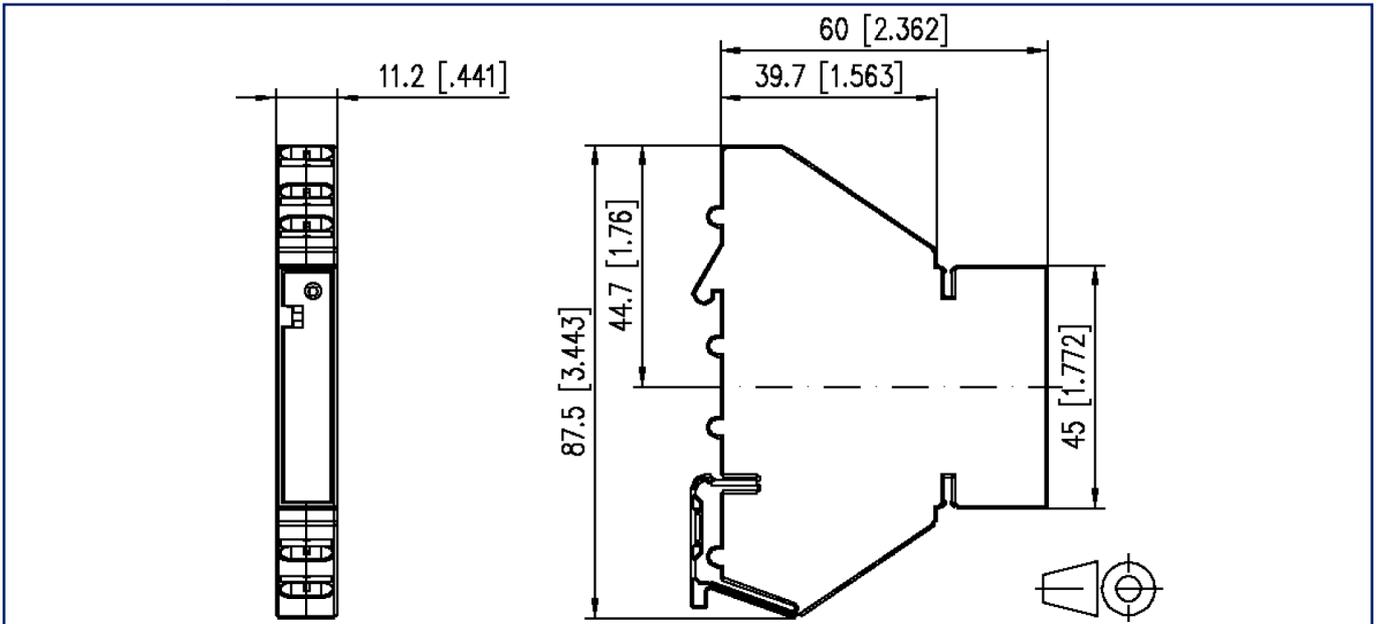
**Accessories**

P/N	Designation
110729	Labeling plate

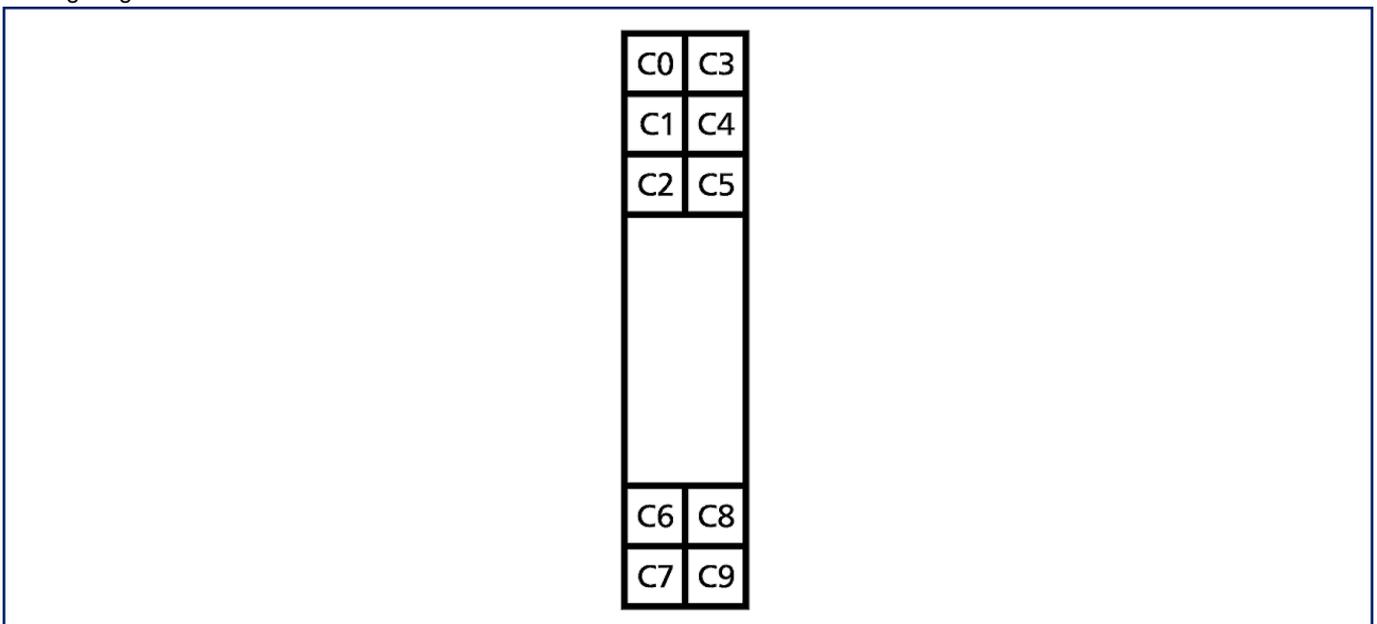


**Illustrations**

Dimensional drawing



Wiring diagram



## Illustrations

Circuit diagram

