

Instruction manual of overvoltage protection BA 350 ...

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Mode of Operation

The overvoltage protection BA 350 ... is used for the discharge of overvoltages on signal transmission lines. For each core, an overvoltage arrester is present.

Installation

The erection must be made on the cable as near as possible at the entry of the sensor. Both terminal blocks can either be used as input or output terminal. It must not be paid attention to a polarity. For the connection to the potential equalisation (PA), an external connection is provided.

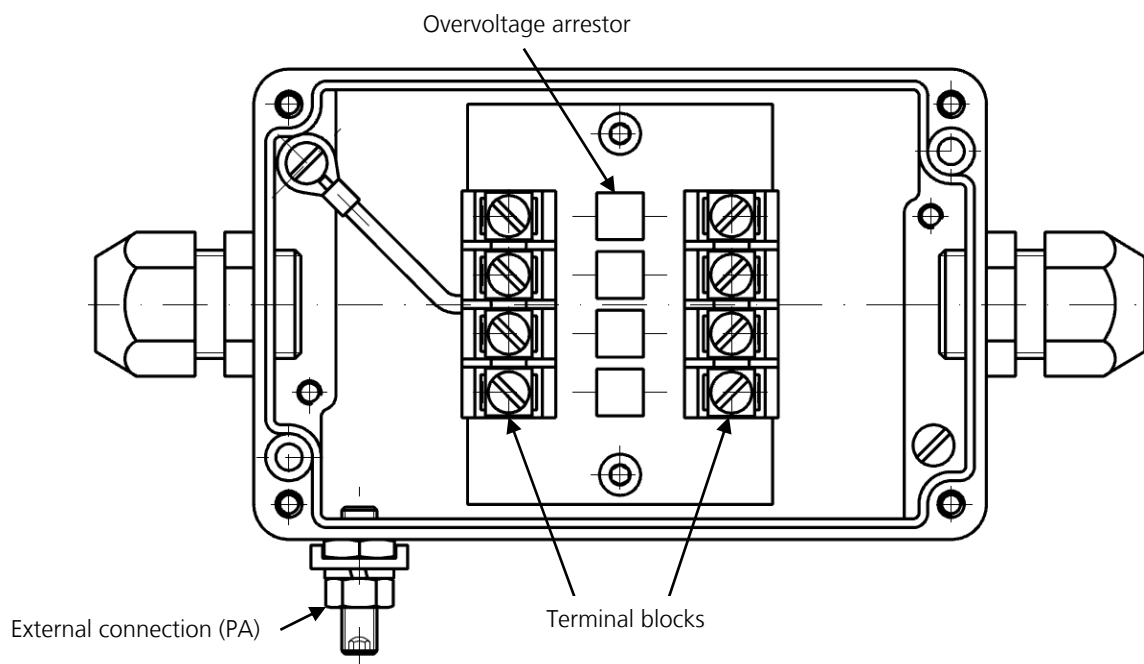


Figure 1: View into the open housing of a BA 350 DUO

Apparatus versions

BA 350 (two channels)

BA 350 DUO (four channels)

Operating instructions

The overvoltage protection is generally maintenance-free during normal operation.

Before putting into service, all devices must be checked with respect to correct connection and proper operation. The power supply, as well of the downstream devices, must be checked.

The general operating instructions for the devices being used must be observed.

Technical data

Nominal response voltage	350 V
Discharge current	10 kA / 10 A
Housing dimensions (L; W; H)	125 mm; 80 mm; 57 mm
Casing protection class	IP67