gml
technology for safety

D9401

Surge Protective Device
Remote Signaling set

Characteristics:

General Description:

D9401S provides a remote signaling system for monitoring the status of a range of surge protection devices that have a mechanical signal of overload. With width of 6mm, it can be easily fitted into any marshalling cabinets or distribution cabinets.
The plastic separator allows to avoid air separation in case of use together with intrinsically safe surge protection devices.

Function:

The optional remote signaling module uses a photoelectric barrier to monitor the status of up to 40 adjacent protective devices. A fl oating contact transmits the status to the control room. Installation is extremely easy because the protective modules do not require any programming or additional wiring. A mechanical signaling indicates overloaded protective devices that can be replaced.

Features:

- Safe disconnection in the event of an overload.

- Remote signaling sets are easy to retrofit.

- Remote monitoring of up to 40 protective devices per remote signaling set.

- No configuration of the remote signaling module or protective device required.

- High Density, 6.2 mm per channel.

Technical Data:

Operating voltage: 10-30 Vdc
Operating current: 30 mA (24 V), 60 mA (10 V)
Switching function: potential-free normally close contact
Contact rating: 500 mA 30 Vdc 15 W, 500 mA 24 Vac 12 VA
Environmental conditions:
 Operating: temperature limits –40 to + 60 °C.
 Storage: temperature limits – 40 to + 85 °C.
Compatibility:

CE CE mark compliant, conforms to Directives: 2014/30/EU EMC, 2011/65/EU RoHS
Mounting:
TH 35 DIN Rail according to EN/IEC60715.
Weight: about 70 g for each module.
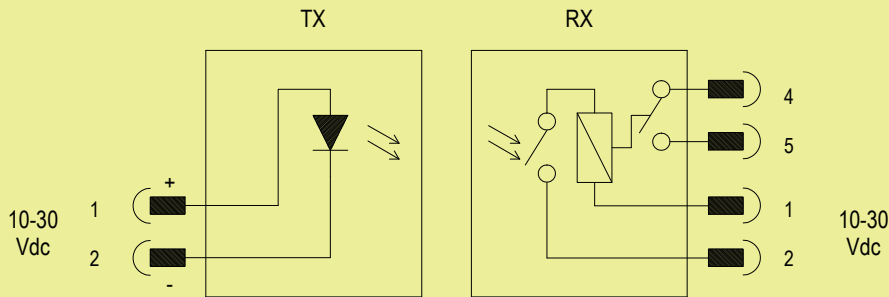*Connection:* screw terminal blocks to accommodate terminations up to 2.5 mm^2 flexible.
Location: installation in Safe Area.
Protection class: IP20.
Dimensions: Width 6.2 mm, Depth 83.5 mm, Height 105.8 mm.

Function Diagram:

SAFE AREA

Ordering Information:

Model: D9401S