

D5203

Diagnostic Module for DIN-Rail

The D5203 is used to repeat the common fault signal from the Power Bus via a SPDT relay.

FEATURES

- Simplified bus fault acquisition

ORDERING INFORMATION

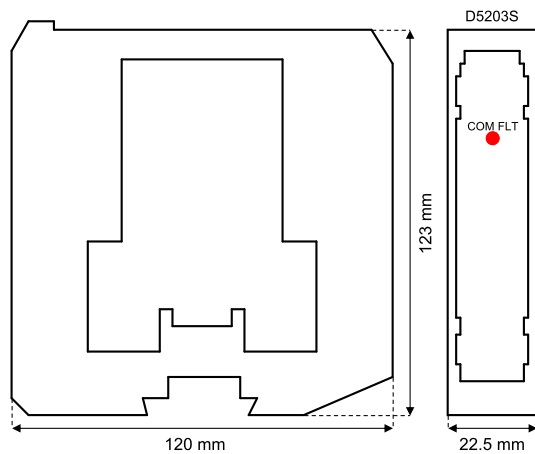
Ordering codes

D5203S: 1 channel

Accessories

Bus Connector JDFT050, Bus Mounting Kit OPT5096.

OVERALL DIMENSIONS



TECHNICAL DATA

Supply

24 Vdc nom (18 to 30 Vdc), reverse polarity protected.

Current consumption: 10 mA @ 24 Vdc with relay energized, typical.

Power dissipation: 0.25 W @ 24 Vdc with relay energized, typical.

Connection: through Power Bus.

LEDs: common fault (red).

Fault

Cumulative fault: cumulative fault indication (about presence of short or open field circuit for any module on the Bus).

Fault signaling: one voltage free NE SPDT relay contact (de-energized in fault condition).

Contact material: Ag Alloy (Cd free).

Contact rating: 4 A 250 Vac 1000 VA, 4 A 250 Vdc 120 W (resistive load).

DC and AC load breaking capacity: refer to Instruction Manual.

Mechanical / electrical life: 5 * 10⁶ / 3 * 10⁴ operations, typical.

Operate / release time: 8 / 4 ms, typical.

Isolation

Relay contact groups/Supply 1.5 kV.

Environmental conditions

Operating temperature: temperature limits -40 to +70 °C.

Storage temperature: temperature limits -45 to +80 °C.

Mounting

DIN-Rail 35 mm with Power Bus.

Weight: about 170 g.

Connection: by polarized plug-in disconnect screw terminal blocks to accommodate terminations up to 2.5 mm² (13 AWG).

Dimensions: Width 22.5 mm, Depth 123 mm, Height 120 mm.

FUNCTION DIAGRAM

Additional installation diagrams may be found in Instruction Manual.

