

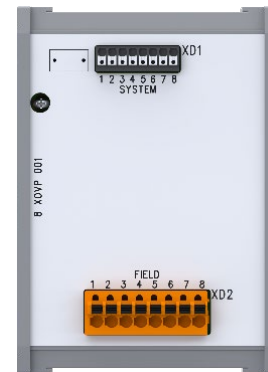


8 XOVP 001

SURGE PROTECTION

FOR 8 CONTROL LINES

The 8 XOVP 001 surge protection is used to protect components connected to control lines against damages caused by transient overvoltage. Up to 8 control lines can be connected, which are operated with mains or DC voltage.



- For up to 8 control lines with max. 230 V AC rated voltage
- DIN rail mounting
- Connection via Push-In terminals
- Ground connection via lock on DIN rail
- Application preferred in combination with 4 XBC 001

SURGE PROTECTION MODULE 8 XOVP 001

Type number 344-800-110

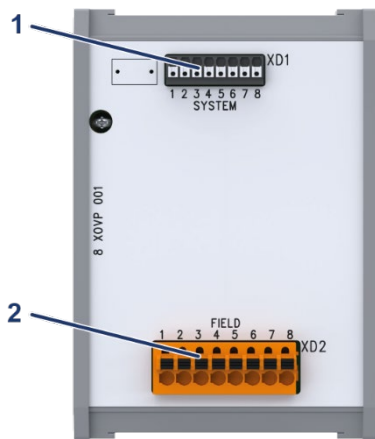
MECHANICAL DATA

Mounting	DIN rail TS35
Width x height x depth	90 mm x 128 mm 50 mm (3.54" x 5.04" x 1.97")
Weight	Approx. 170 g (approx. 0.37 lbs)
Cross section internal wiring (SYSTEM)	0.2 mm ² to 1.5 mm ²
Cross section field wiring (FIELD)	0.5 mm ² to 2.5 mm ²
Ground connection	via DIN rail

ELECTRICAL DATA (FOR ALL CONNECTIONS)

Maximum continuous voltage	255 V AC/DC
Nominal discharge current (8/20 μs)	6 kA
Continuous current	Max. 5 A

FRONT VIEW



- 1 Connection internal wiring
- 2 Connection field wiring

ENVIRONMENTAL REQUIREMENTS AND STANDARDS

Ambient temperature during operation	-40 °C to +70 °C (-40 °F to +158 °F)
Storage temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Relative humidity (non-condensing)	Max. 95 %
Degree of protection	IP20
Operating altitude	Max. 2,000 m (6,562 ft) above sea level
Pollution degree	2 (according to EN 62368-1)
Electrical safety	EN 62368-1

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DIMENSIONS

