



Switching amplifiers

UE401-A0010



Model Name > [UE401-A0010](#)
Part No. > [6027343](#)



Applications

Opto-electronic protective devices: ✓
 Number of single-beam photoelectric safety switches from ...: 1 8 ¹⁾

¹⁾ Sensor pairs

Safety-related parameters

Type: Type 4 (IEC 61496)
 Safety integrity level: SIL3 (IEC 61508), SILCL3 (IEC 62061)
 Category: category 4 (EN ISO 13849)
 Performance level: PL e (EN ISO 13849)
 PFHd: 2.9 * 1E-10
 TM (mission time): 20 a

Functions

External device monitoring: ✓

Technical data

Dimensions (W x H x D): 22.6 mm x 66 mm x 113.5 mm
 Supply voltage from, typical, to: 19.2 V DC, 24 V DC, 28.8 V DC
 Power consumption: < 3.6 W
 Connection type: interchangeable, coded screw-type terminals
 Safety outputs: PNP semiconductors, short-circuit protected, cross-circuit monitored
 Switching voltage HIGH: 17.5 V DC, 24 V DC, 28.8 V DC
 Maximum switching voltage LOW: 1.3 V DC
 Switching current: 0.5 A
 Maximum response time: 30 ms
 Maximum cable length to ESPE: 100 m
 Wire cross section from ... to: 0.25 mm² ... 2.5 mm²
 Ambient operating temperature from ... to: -20 °C ... 55 °C
 Storage temperature from ... to: -25 °C ... 75 °C
 Air humidity from ... to: 15 % ... 95 %, non-condensing
 Vibration resistance (checked to): 5 (IEC 60068-2-6)
 Oscillation frequency from ... to: 10 ... 55
 Diagnostic display: 7-segment

OSSD OFF indication:	red
Restart indication:	yellow
OSSD ON indication:	green
System part:	Controller unit

Only in conjunction with L40 sensors; Only in conjunction with L40 sensors; Only in conjunction with L40 sensors; Only in conjunction with L40 sensors; Only in conjunction with L40 sensors; Only in conjunction with L40 sensors;

Mechanical data

Mounting: snap-on mounting on top-hat rail acc. to IEC 60715

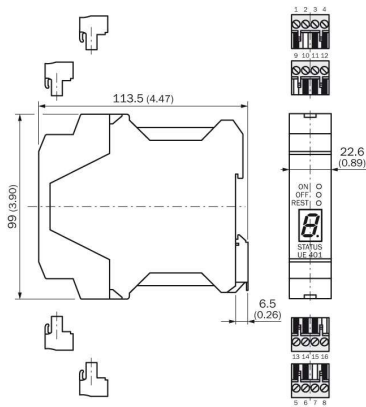
Electrical data

Protection class: III

Ambient data

Enclosure rating: IP 20
 Shock resistance: 10 g, 16 ms (IEC 60068-2-29)

Masszeichnung



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