



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

Functions

External device monitoring: ✓

Technical data

Protection class:	III
Enclosure rating:	IP 20
Type:	Type 4 (IEC 61496) ¹⁾
Safety integrity level:	SIL3 (IEC 61508), SILCL3 (IEC 62061) ²⁾
Category:	Category 4 (EN ISO 13849) ³⁾
Performance level:	PL e (EN ISO 13849) ⁴⁾
PFHd:	2.9 * 1E-10 ⁵⁾
TM (mission time):	20 a ⁶⁾
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 mm ² ... 2.5 mm ²
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
Shock resistance:	10 g, 16 ms (IEC 60068-2-29)

Mounting:

Diagnostic display:

OSSD OFF indication:

Restart indication:

OSSD ON indication:

System part:

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

7-segment

red

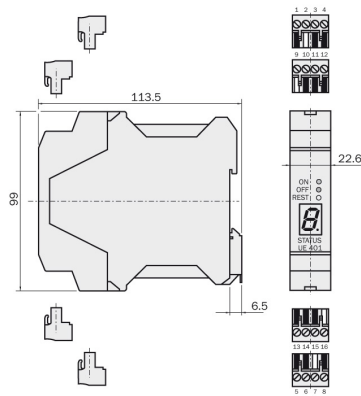
yellow

green

Controller unit

1) 2) 3) 4) 5) 6) Only in conjunction with L40 sensors

Masszeichnung



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