

OV580905

HIGH-PERFORMANCE THROUGH-BEAM SENSORS • AMPLIFIERS



MECHANICAL DATA

Degree of protection (IP)	IP40
Depth	78.5 mm
Device design	Field device
Height	76.5 mm
Housing design	Cuboid
Housing material	Plastic
Length	78.5 mm
Mounting method	Pluggable
Width	40 mm

ELECTRICAL DATA

Galvanic isolation between input and output	No
Galvanic isolation between inputs	No
Galvanic isolation between supply voltage and all other current circuits	No
High performance light barriers	Yes
Inherently safe according to EN 60947-5-6 NAMUR	No
Input voltage tolerance	20 %
Malfunction message output	No
Max. switching distance	70 m
No-load current	83 mA
Number of channels	1
Number of output circuits, transistor npn	1
Number of output circuits, transistor pnp	1
Number of pins	11
Output circuit, relay change-over contact	1
Power consumption	5 W
Rated supply voltage at DC (MAX)	24 V
Rated supply voltage at DC (MIN)	24 V
Suitable for safety functions	No
Switching capacity	2 VA

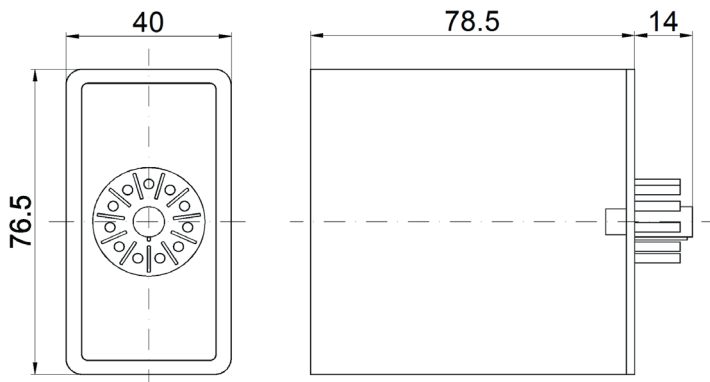
ELECTRICAL DATA

Switching current	5 A
Switching frequency	18 Hz
Switching voltage	24 V
Switching voltage AC	230
Switching voltage DC	24 V
Turn-off delay	10000 ms
Turn-on delay	10000 ms
Type of electrical connection	Plug-in connection
Type of switching function	Change-over contact (NO/NC)
Type of voltage supply	Active
With LED display	Yes

OTHER DATA

Operating temperature (MAX)	50 °C
Operating temperature (MIN)	-25 °C

DIMENSIONAL DRAWING



INSTALLATION



Mounting / Installation may only be carried out by a qualified electrician!

DISPOSAL



SAFETY WARNINGS

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!

Never use these devices in applications where the safety of a person depends on their functionality.