

OV584905

HIGH PERFORMANCE LIGHT BARRIERS • AMPLIFIERS

High performance light barrier, amplifier, 76x78x40mm, 230V AC, Change-over contact (NO/NC), Plug-in connection 11pin, IP40, Plastic, Turn-off delay 10s



MECHANICAL FEATURES

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

ELECTRICAL FEATURES

High performance light barriers	+
Input voltage tolerance	10 %
Malfunction message output	-
Max. switching distance	70 m
No-load current	18 mA
Nominal supply voltage	230 V
Number of channels	1
Number of output circuits, transistor npn	1
Number of output circuits, transistor pnp	1
Number of pins	11
Number of presets to be set	2
Output circuit, relay change-over contact	1
Power consumption	4.2 W
Rated switching current	5 A
Setting procedure	Potentiometer
Suitable for safety functions	-
Switching capacity	120 VA
Switching frequency	12 Hz
Switching voltage	230 V
Switching voltage AC	230
Switching voltage DC	24 V
Turn-off delay	0 ms ... 10000 ms
Turn-on delay	10000 ms

ELECTRICAL FEATURES

Type of electrical connection	Plug-in connection
Type of switching function	Change-over contact (NO/NC)
Type of voltage supply	Active
Voltage type	AC
With LED display	+

OPTICAL FEATURES

Range (transmitter with increased power, receiver with normal design)	35
Range (transmitter with increased power, receiver with short design)	30
Range (transmitter with maximum power, receiver with normal design)	70
Range (transmitter with maximum power, receiver with short design)	50
Range (transmitter with normal power, receiver with normal design)	25
Range (transmitter with normal power, receiver with short design)	20

OTHER FEATURES

Operating temperature	-25 °C ... 50 °C
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Other

Packaging dimensions	83.0mm x 47.0mm x 120mm
Shipping weight	0.25kg
Tariff code	85365080

Classification

ipf product group	101
eClass 8.0	27210121
eClass 9.0	27210121
eClass 9.1	27210121
ETIM-5.0	EC001485
ETIM-6.0	EC001485
ETIM-7.0	EC001485

Connection

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. LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be held responsible for damages that result from improper use or connection.