

OV634915

High performance light barriers • Amplifier

High-performance photoelectric sensor amplifier, 58x95x53mm, 230V AC, change-over contact (NO/NC), terminal, IP20, plastic, fault signal output



The article with the number "OV634915" is a single-channel amplifier for a light barrier from the subgroup "Amplifiers" within the super-group "High-performance light barriers". This amplifier, specially developed for applications with extreme requirements, can achieve ranges of up to 50000mm. As an essential component of a system consisting of transmitter, receiver and amplifier, it is particularly suitable for applications in the wood and paper industry, vehicle washing systems, bulk material control, elevators, outdoor gate control systems and the food industry. The simple installation and handling of the amplifiers and sensors guarantee a high level of user-friendliness and reliability in demanding environments.

Electrical features

Number of presets to be set	2
Number of channels	1
Number of contacts as change-over contact	1
Number of switching outputs	1
Number of normally open contacts	1
Display	LED display
Type of switching function	Change-over contact (NO/NC)
Type of alarm output	Relay contact
Type of electrical connection	Clamped terminal connection
Type of switching output	Relay contact
Rated switching current	100 mA
Input voltage tolerance	10 %
Setting procedure	Potentiometer
No-load current	20 mA
Power consumption	4.8 VA
Switching distance	0 - 50000 mm
Switching function of the alarm output	Normally open contact (NO)
Switching capacity	1150 VA
Switching voltage	230 V
Switching voltage AC	230 V
Switching voltage DC	24 V
Operating voltage (AC 50Hz)	207 - 253 V
Malfunction message output	Yes
With soiling compensation	Yes

Mechanical features

Design	Cuboid
Width	52.8 mm
Height	58 mm
Length	90 mm
Mounting method	Top hat rail
Degree of protection (IP)	IP20
Housing material	Plastic
Ambient temperature	-25 - 50 °C

Optical features

Range (transmitter with increased power, receiver with short design)	10
Range (transmitter with increased power, receiver with normal design)	20
Range (transmitter with maximum power, receiver with short design)	20
Range (transmitter with maximum power, receiver with normal design)	50
Range (transmitter with normal power, receiver with short design)	8
Range (transmitter with normal power, receiver with normal design)	15

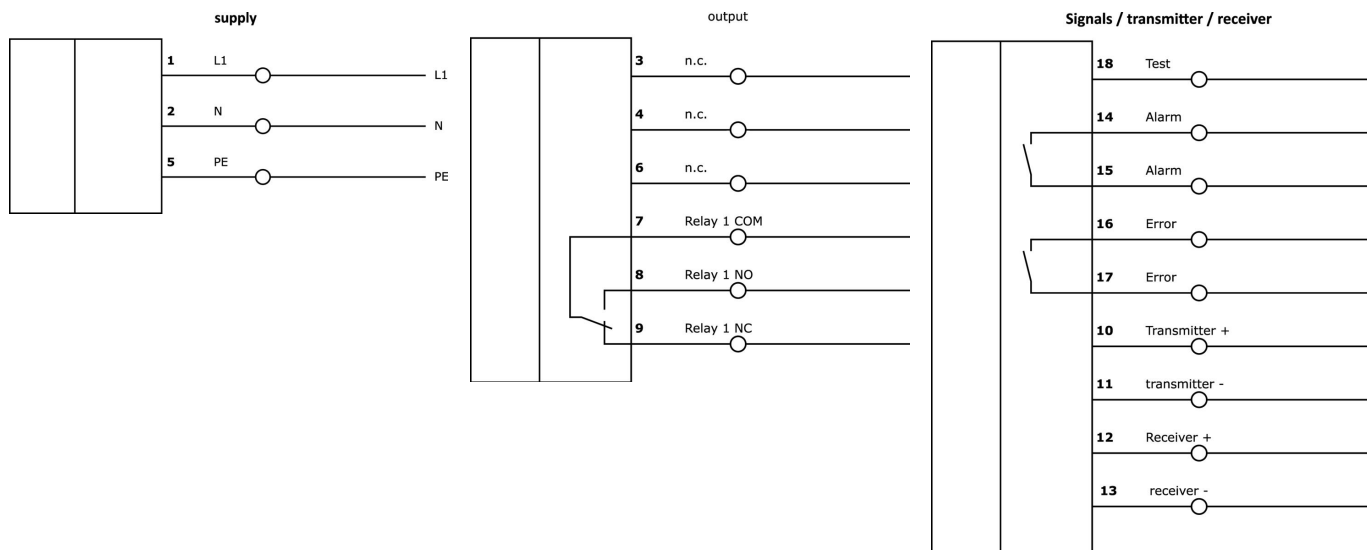
Classification

ETIM 8	EC001485 Isolation amplifier
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More

IPF Product Group	101 high performance through-beam sensors and amplifiers
packaging dimensions	100 x 60 x 65 mm
gross weight	250 g
Customs tariff number	85365080
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

Connection



Extract accessories program

OE106001



High-power photoelectric sensor receiver, Ø10mm 45long, standard design, connection to amplifier, cable tail 2-pin 5m PVC, IP67, plastic+plastic

OE106003



High-performance photoelectric sensor receiver, Ø10mm 45long, standard design, connection to amplifier, 2-pin cable tail 15m PVC, IP67, plastic+plastic

OS106001



High-power photoelectric sensor transmitter, Ø10mm 45long, normal power (40mW), 12°, connection to amplifier, cable tail 5m PVC, IP67, plastic+plastic

OS106003



High-power photoelectric sensor transmitter, Ø10mm 45long, normal power (40mW), 12°, connection to amplifier, cable tail 15m PVC, IP67, plastic+plastic

AV000108



accessories miscellaneous, Surface mounted housing, 126x175x125mm, -40-120°C, IP66, Plastic PC, Gray, Transparent, With cable entry

AV000109



accessories miscellaneous, Surface mounted housing, 126x125x125mm, -40-120°C, IP66, Plastic PC, Gray, Transparent, With cable entry

You can find further accessories on our homepage



Installation

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



Disposal

WEEE number according to § 6 para. 3 ElektroG: 40951076

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.