

LED ENCLOSURE LAMP

LED 025 Multi Wide Voltage

LED 025 multi wide voltage with on/off switch



LED 025 multi wide voltage with motion detector

- > Multi wide voltage (AC, DC)
- > Internal power supply unit for easy connection
- > Durable and maintenance-free thanks to LED technology
- > Daisy chain (up to 10 lamps)
- > On/off switch or motion detector
- > Mounting set for magnetic, screw and clip fixing

LED lights with multi wide voltage are ideal for flexible use in control cabinets and enclosures of different sizes. The multi wide voltage supports both AC and DC voltages, ensuring maximum flexibility in the application. Fewer variants mean optimised processes in procurement and materials management. The supplied mounting kit also enables simple and versatile installation.

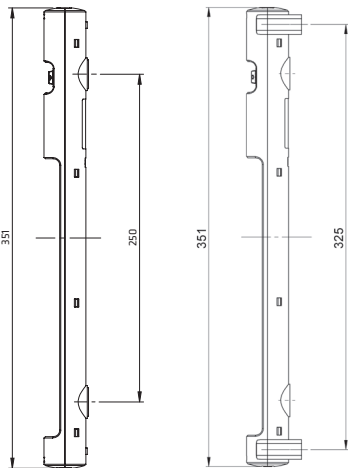


TECHNICAL DATA

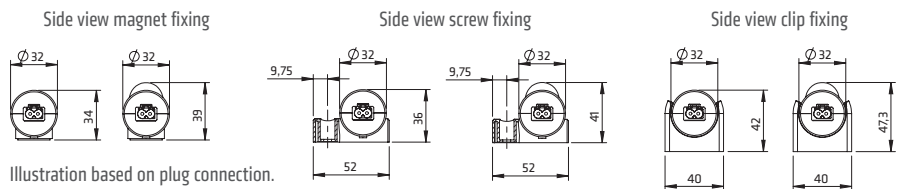
Power consumption	< 4,5 W
Operating voltage	AC/DC 24 V – 240 V, 0/50/60 Hz (min.20 V, max.265 V)
Luminous flux	560 Lm at 120°
Lamp type	LED, angle of radiation 120° light color: daylight, color temperature: 6.000 to 7.000 K
Service life	60.000 h at +20 °C (+68 °F)
Casing	plastic, transparent
Dimensions	see drawings
Weight	0,2 kg
Operating temperature	-40 to +60 °C (-40 to +140 °F)
Storage temperature	-40 to +85 °C (-40 to +185 °F)
Operating/storage humidity	< 90 % RH (non-condensing)
Protection type / protection class	IP20 / II (double insulated)
Energy efficiency class	E
Approvals	EAC, UL E234324, VDE, CCC
Note	The lamp must not be used for household lighting.

LED 025 multi wide voltage with magnet or screw fixing

LED 025 multi wide voltage with clip fixing



Mounting options: All LED 025 lights with multi wide voltage are supplied with a fixing kit. This contains a magnetic, screw and clip fixing for customised installation. The clip holders allows the light to be mounted flexibly. It is snapped into the bracket and can be rotated in both directions by a total of 180°, which enables optimum illumination.



Art. No.	Connection	Mounting	Width ²	Height ²	Switch
02550.0-00	2-pole connector with snap lock	magnet, clip	40	42	on/off switch
02550.0-01	2-pole connector with snap lock	screw, clip	52	36	on/off switch
02551.0-00	2-pole connector with snap lock	magnet, clip	40	47.3	motion detector
02551.0-01	2-pole connector with snap lock	screw, clip	52	41	motion detector
02550.0-10	2-pole dual pressure clamp ¹	magnet, clip	40	42	on/off switch
02550.0-11	2-pole dual pressure clamp ¹	screw, clip	52	36	on/off switch
02551.0-10	2-pole dual pressure clamp ¹	magnet, clip	40	47.3	motion detector
02551.0-11	2-pole dual pressure clamp ¹	screw, clip	52	41	motion detector
02552.0-10	2-pole dual pressure clamp ¹	magnet, clip	40	42	without
02552.0-11	2-pole dual pressure clamp ¹	screw, clip	52	36	without

¹2-pole dual pressure clamp for daisy chain 2,5 mm², Stranded wire with wire end ferrule 1,5 mm² | ² Maximum width and height depend on the fixing kit used..

ACCESSORIES FOR LAMPS WITH CONNECTOR

Connectors and cables for electrical connection are not included in the delivery of the LED 025. These parts can be ordered separately. Sets consisting of lamps and accessories are available on request.

CONNECTION CABLE WITH FEMALE CONNECTOR AND OPEN END



Art. No.	Model	Length	Voltage type	Color	Use for	Approvals ³
244356	connection cable 2 x 1,5 mm ² with female connector	2,0 m	AC	connector: white; cable: white	power input	VDE
244357	connection cable 2 x AWG 15 with female connector	2,0 m	AC	connector: white; cable: white	power input	VDE + UL

³ applies only to the individual components (cable and connectors)

EXTENSION CABLE WITH 2 CONNECTORS FOR DAISY CHAIN CONNECTION



Art. No.	Model	Length	Voltage type	Color	Use for	Approvals ³
244358	extension cable 2 x 1,5 mm ² with 2 connectors	1,0 m	AC	connectors: white; cable: white	daisy chain	VDE
244359	extension cable 2 x AWG 15 with 2 connectors	1,0 m	AC	connectors: white; cable: white	daisy chain	VDE + UL

³ applies only to the individual components (cable and connectors)

FEMALE / MALE CONNECTORS



Photo: Female connector, Art. No. 264057

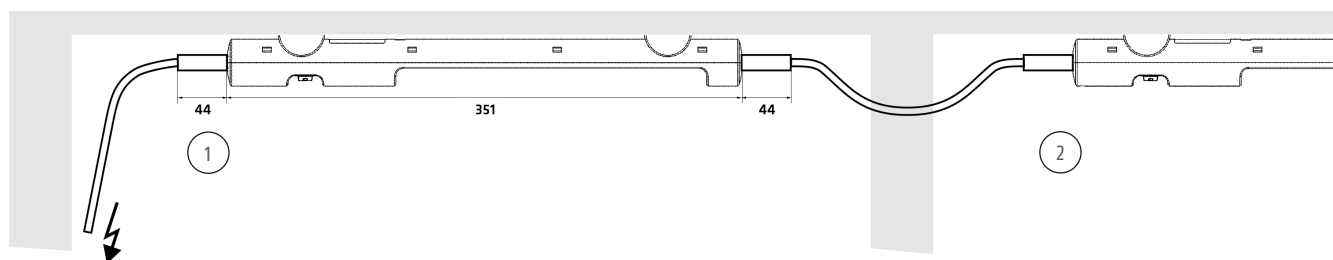


Photo: Male connector, Art. No. 264058

Art. No.	Model	Color	Use for	Wire cross-section ⁴	Approvals
264057	female connector	white	power input	0,5-2,5 mm ² (AWG 14-20)	VDE + UL
264058	male connector	white	power output	0,5-2,5 mm ² (AWG 14-20)	VDE + UL

⁴ applies to rigid and stranded wire. Wire end ferrules must be used when connecting with stranded wires.

CONNEXION EXAMPLE



This illustration shows the LED 025 multi wide voltage lamp with connector in a daisy chain application. The lamps are conveniently connected via quick connection plugs – up to 10 lamps max. can be daisy-chained this way. The snap lock connectors ensure a stable electrical connection even if subjected to heavy vibration. The connection example shows a AC 230 V application, using the following cables: connection cable with female connector, Art. No. 244356 (1); daisy chain extension cable with 2 connectors, Art. No. 244358 (2).

Female/male connectors are also available to assemble cables in non-standard lengths.