

6149/2-5211-7010 Art. No. 249685



- Long-life, energy-saving, high-performance LEDs embody design innovation
- For 110 to 240 V AC/DC, 24 to 48 V AC/DC or 12 V DC
- Standard version with diffuser for reduced glare and H07-RNF connection line, 2 x 1.5 mm²
- Further connection lines and connectors available as options

WebCode 6149B



The 6149 inspection light is a versatile light that allows you to see into every corner. This is all down to its state-of-the-art LED technology, coupled with its long-life electronics, which have been developed in-house by R. STAHL and exhibit high energy efficiency and superior illuminance. The innovative design of the enclosure makes the light extremely slim and lightweight. Its lockable suspension hooks and practical anti-roll protection make it ideal for use in the workshop.

Technical Data

Explosion Protection

Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX PTB 07.0018
ATEX gas certificate	PTB 07 ATEX 1009
IECEX dust certificate	IECEX PTB 07.0018
ATEX dust certificate	PTB 07 ATEX 1009
Certificate EAC	TS RU S-DE.GB04.B.00136
Gas explosion protection IECEX	Ex d IIC T4 Gb
Gas explosion protection ATEX	Ⓔ II 2 G Ex d IIC T4 Gb
Gas explosion protection EAC	1 Ex d IIC T6/T4 Gb X
Dust explosion protection IECEX	Ex tb IIIC T100 °C Db
Dust explosion protection ATEX	Ⓔ II 2 D Ex tb IIIC T100 °C Db
Dust explosion protection EAC	Ex tb IIIC T80 °C/T100 °C Db
Certificates	ATEX (PTB), Brazil (ULB), IECEX (PTB)
Languages of the documentation	German English Brazil Russian

Electrical Data

Rated operational voltage AC	110 – 240 V
Rated operational voltage DC	110 – 240 V
Nominal current	0.13 – 0.13 A
Frequency range	50 – 60 Hz
Lamp wattage	16 W

6149/2-5211-7010 Art. No. 249685

Lighting Data

Number of lamps	1
Lamp wattage	16 W
Lamp	Double-row LED
Light colour	Neutral white
Luminaire efficacy	63 lm/W
Luminous flux	1000 lm
Colour rendering	≥ 80
Colour temperature	5000 K

Ambient Conditions

Ambient temperature	-30 °C ... +60 °C
Storage temperature	-999 °C ... -999 °C

Mechanical Data

Version	Standard
Degree of protection (IP)	IP66 / IP67
Protection class	II (double insulated)
Enclosure material	Aluminium
Diffuser	With diffuser
Pipe material	Polycarbonate
Connection terminals finely-stranded max.	1.5 mm ²
Type of connection cable	H07RN-F 2x1.5 mm ²
Cable length	10 m
Design size	1
Width	52 mm
Height	52 mm
Length	595 mm
Diameter	52 mm
Weight	2.28 kg


Components

Screw connections	1 CMP-20s-A2F cable entry
Wire guard	No

Accessories and Spare Parts


Mounting bracket

Art. No.

	Mounting bracket made from galvanised sheet steel (x 2 units); for design size 1	120535
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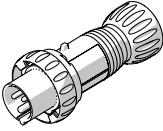
Mounting bracket and magnet

Art. No.

	Mounting bracket made from galvanised sheet steel with magnetic base (x 2 units); for design size 1	120536
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6149/2-5211-7010 Art. No. 249685

Wire guard		Art. No.
	Stainless steel wire guard for additional mechanical protection	120509

Plug		Art. No.
	8570/12-304 3 pins, 100 ... 130 V AC, 50 / 60 Hz, 16 A	150599
	8570/12-306 3 pins, 200 ... 250 V AC, 50 / 60 Hz, 16 A	150579
	8573/12-200 2 pins, 20 ... 25 V, 50 / 60 Hz, 16 A	243197
	8573/12-210 2 pins, 20 ... 25 V, DC, 16 A	243203
	8573/12-300 3 pins, 20 ... 25 V, 50 / 60 Hz, 16 A	243190
	8573/12-312 3 pins, 40 ... 50 V, 50 / 60 Hz, 16 A	243195

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