

Explosion-Proof Handlamp for Incandescent Lamps of 60W max. Series e8310...

Applications:

In hazardous areas of Zones 1, 2 and 21, 22 which cannot be illuminated by any general lighting equipment.

Design:

Handle: Made from rubber (EPDM) with lampholder E27, brake spring for avoiding relieving of the lamp, cable gland with cable retainer M20 x 1,5mm².

Glass globe: Resistant against thermal shocks, supported by pressure buffers at the wire guard.

Wire guard: Galvanized round steel plastic coated (RIL), cage hook rubber coated for suspension purpose, elastic rubber ring serving as a stable stand surface, locking bolt with hexagon socket.

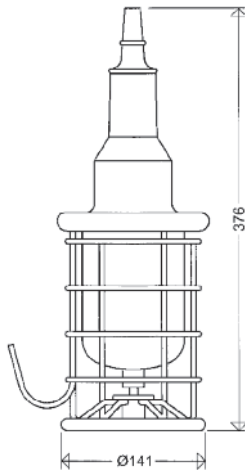
Any operating position.

Lamps: Lamps of brand OSRAM or RADIUM only acc. to DIN 49810, section 5. For application with 24/42V temperature resistant cable is required.

DB - standardized by Deutsche Bahn AG

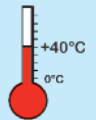
Note:

The specified incandescent lamps are of special design. Such lamps are therefore not forbidden according to the EuP guideline.



SCHUCH Quality - your advantage:

- **sturdy industrial design for reliable and safe long-term use**
 - sturdy handhold made of high grade rubber (EPDM)
 - shock and temperature resistant safety glass
 - additional safety due to robust plastic coated wire guard
 - high ingress protection
- **easy handling**
 - no temperature resistant cable required (for standard version 230V)
 - easy lamp replacement by unscrewing of only 1 screw
 - with hook and rubber bead ring for safe positioning
- **for applications in different ambient conditions**
 - for 24V, 42V and 230V AC/DC and from 25W to 60W
 - ATEX-certified for gas and dust hazardous areas (Zones 1, 21 and 2, 22)
 - ATEX-certified for explosion group II C and temperature class T4



e8310...
up to 60 W



II 2 G Ex d e IIC
T3/T4 Gb

II 2 D Ex t IIIC
T145°C Db

IP65



EC-Type Examination Certificate:

PTB 01 ATEX 2144

Other approvals:

GOST-R/ROSTECH-NADZOR (Russia)

Marking:

II 2 G Ex d e IIC T3/T4 Gb (Zone 1)

II 2 D Ex t IIIC T145°C Db (Zone 21)

Ignition protection: "e" (increased safety)

Admissible ambient temperature:

-20°C up to +40°C

Rated voltage:

220-230V AC/DC, 24 / 42V AC/DC



Type	Article no.	Lamps/ Watt	Voltage	Temp. class	Weight ca. kg ¹⁾
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for GLS lamps of brands OSRAM or RADIUM acc. to DIN 49810 part 5, socket E27

e8310 RIL ATEX	83100 0004	A 25	230	T4	2,4
		A 40	230	T4	2,4
		A 60	230	T4	2,4
		A 25	24/42	T3	2,4
		A 40	24/42	T3	2,4
		A 60	24/42	T3	2,4

1) Weights without packing material

Accessories / Spare Parts

Type	Article no.	
8309 tw	83090 9000	spare glass globe
830 RIL	83000 0002	spare wire guard, plastic coated
8307 K	90137 9003	spare lamp holder E27 (plastic) for e8310 and e8310 ATEX