



## Explosion-Protected 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 1,5mm<sup>2</sup>.

**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.**

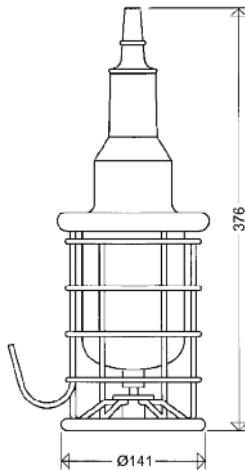
**Lamps:** Lamps of brand OSRAM or RADIUM only acc. to DIN 49810, section 5.

For application with 24/42V temperature resistant cable is required.

**DB** - standardized by Deutsche Bahn AG

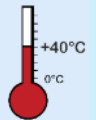
### Note:

The specified incandescent lamps are of special design. Such lamps are therefore not forbidden according to the ErP 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 IIIIC  
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 IIIIC 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 <sup>1)</sup>
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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