

# LIGHTS IN FLAMEPROOF ENCLOSURE with compact fluorescent lamps TYPE HA-DL



1: Type HA-DL 16  
2: Type HA-DL 25

3: Type HA-DL 14  
4: Type HA-DL 13

5: Type HA-DL 12

## Features

- Compact high-output fluorescent lamps, in optionally two to six flameproof spherical caps
- Impact-resistant polycarbonate cover for optimum illumination of larger areas
- Isolation switch for use when changing lamps
- Easy replacement of lamps due to plug-in system
- Uses standard fluorescent lamp starters
- All components with separation points are made of non-rusting materials
- Light can be adapted by a flange system
- Connection by means of Hamacher 230 V plug-in connectors or Hamacher quick-connectors
- Optional, simple use of reflectors

## Type of protection

Type of protection: I M2 EEx d I ; EExdI  
Level of protection: IP 65

## Technical Data

- Designed operating voltage 230 V
- Designed current per lamp 67 mA
- Lamp rating 13 W
- Power factor  $\lambda$  0.9
- Clampable cable cross-section 10 mm<sup>2</sup>
- Ambient temperature max. 40 °C
- Weight / Length approx.
 

|            |                  |
|------------|------------------|
| - HA-DL 12 | 8.5 kg / 330 mm  |
| - HA-DL 13 | 10.5 kg / 415 mm |
| - HA-DL 14 | 12.5 kg / 500 mm |
| - HA-DL 25 | 16.0 kg / 650 mm |
| - HA-DL 16 | 16.5 kg / 650 mm |
- Width with / without reflector 110 / 160 mm
- Height 163 mm

## Certification

IBExU01ATEX1005 X ; KDB Nr 01.E.118X