

## Technical characteristics

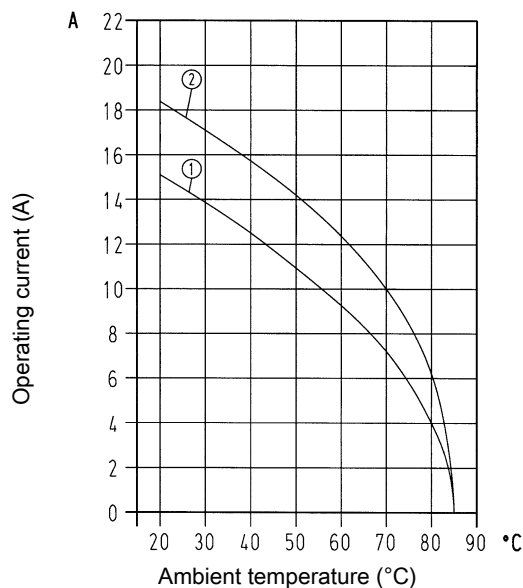
|   |                          |
|---|--------------------------|
| Number of contacts                        | 3                        |
| Rated current                             | 10 A                     |
| Rated voltage conductor-earth             | 230 V                    |
| Rated voltage conductor-conductor         | 400 V                    |
| Rated impulse voltage                     | 4 kV                     |
| Pollution degree                          | 3                        |
| Insulation resistance                     | $>10^{10} \Omega$        |
| Limiting temperature                      | -40 ... +85 °C           |
| Mating cycles                             | $\geq 500$               |
| Degree of protection acc. to IEC 60529    | IP65, IP67               |
| Material (insert)                         | Polycarbonate (PC)       |
| Colour (insert)                           | RAL 7032 (pebble grey)   |
| Material (contacts)                       | Copper alloy             |
| Material flammability class acc. to UL 94 | V-0                      |
| RoHS                                      | compliant with exemption |

## Derating

### Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Conductor cross-section 1 mm<sup>2</sup>
- ② Conductor cross-section 1.5 mm<sup>2</sup>

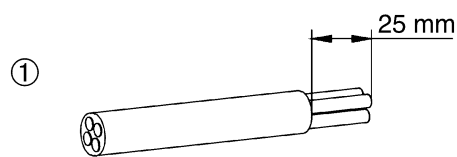
## Specifications and approvals

EN 60664-1  
IEC 61984  
DNV GL

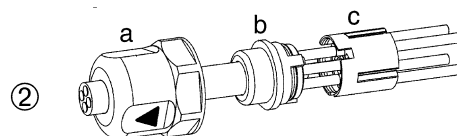


## Details

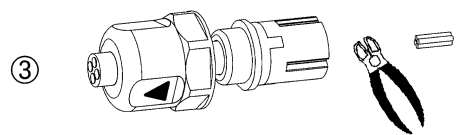
### Assembly instructions



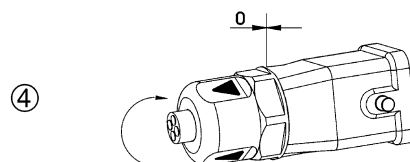
Strip off cable mantle



Assemble HARAX® elements  
Screw cap, splice ring, seal



Cut off cable ends



The nut must be screwed completely down until the notches engage on the contact carrier nutlatch