

## Features

- Contacts for fine stranded wire
- Low mating forces
- Suitable for HPR® hoods and housings

## Technical characteristics

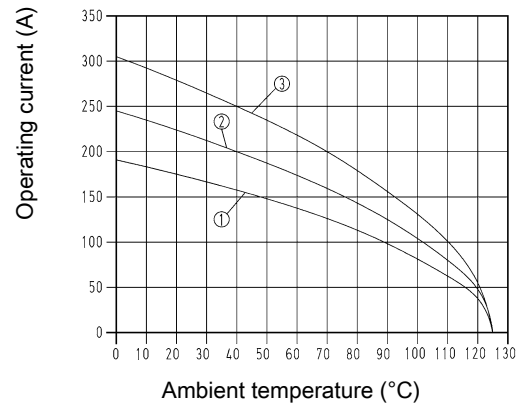
Rated current	250 A
Rated voltage	2000 V
Rated impulse voltage	12 kV
Pollution degree	3
Insulation resistance	>10 <sup>10</sup> Ω
Contact resistance	≤0.3 mΩ
Limiting temperature	-40 ... +125 °C
Mating cycles	≥500
Wire outer diameter	≤18 mm
Material (insert)	Polycarbonate (PC)
Colour (insert)	RAL 7032 (pebble grey)
Material (contacts)	Copper alloy
Material flammability class acc. to UL 94	V-0
RoHS	compliant, 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 35 mm<sup>2</sup>
  - ② Conductor cross-section 50 mm<sup>2</sup>
  - ③ Conductor cross-section 70 mm<sup>2</sup>
- 4 contacts in Han® 24 HPR

## Specifications and approvals

EN 60664-1  
IEC 61984  
EN 50124-1  
DNV GL

## Details

**Removal tool** 09 99 000 0332 see chapter Han 90

For more technical details (i.e. number of crimping operations or crimping position) see eCatalogue

**Crimping tools** see chapter Han 90

### Remarks on the crimp technique

The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.