

## Features

- Suitable for power supply applications
- Crimp termination
- Screw termination with wire protection
- Termination with standard screw driver

## Technical characteristics

Number of contacts	6, 12
Rated current	35 A
Rated voltage conductor-earth	400 V
Rated voltage conductor-conductor	690 V
Rated impulse voltage	6 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V
Insulation resistance	>10 <sup>10</sup> Ω
Contact resistance	≤1 mΩ
Limiting temperature	-40 ... +125 °C
Mating cycles	≥500
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

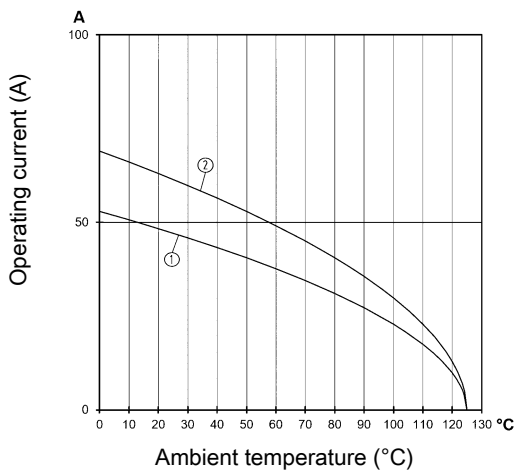
## Derating

### 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

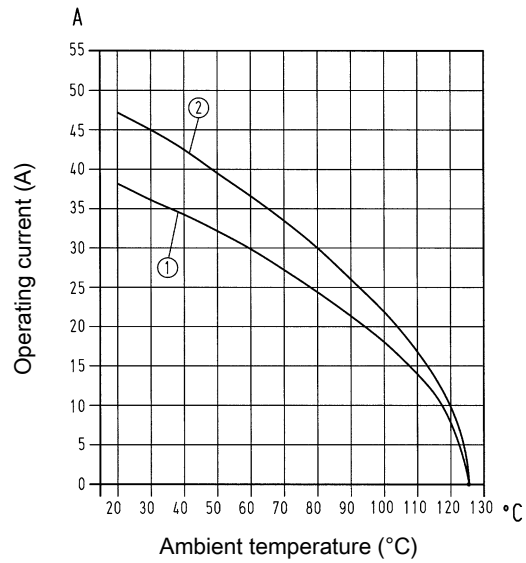
Crimp termination



- ① Conductor cross-section 6 mm<sup>2</sup>
- ② Conductor cross-section 10 mm<sup>2</sup>

## Derating

Screw termination



- ① Conductor cross-section 4 mm<sup>2</sup>
- ② Conductor cross-section 6 mm<sup>2</sup>

## Specifications and approvals

- EN 60664-1
- IEC 61984
- UL 1977 ECBT2.E235076
- CSA-C22.2 No. 182.3 ECBT8.E235076
- UL 2237 PVVA2.E318390
- CSA-C22.2 No. 182.3 PVVA8.E318390