

## Features

- Rapid termination technology without tools for a time saving assembly and for optimal processreliability
- Vibration-proved
- Han® ES Press: Easy bridging functionality of contacts by means of plug-in jumpers directly on the connector
- Han® ES Press: Fast realisation of potential multiplication as well as star and delta bridges
- Han® ESS: two termination points per contact

## Technical characteristics

|                                           |                                     |
|-------------------------------------------|-------------------------------------|
| Number of contacts                        | 6, 10, 16, 24, 32, 48               |
| Rated current                             | 16 A                                |
| Rated voltage                             | 500 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                     | $>10^{10} \Omega$                   |
| Contact resistance                        | $\leq 3 \text{ m}\Omega$            |
| Limiting temperature                      | -40 ... +125 °C                     |
| Mating cycles                             | $\geq 500$                          |
| 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, compliant |

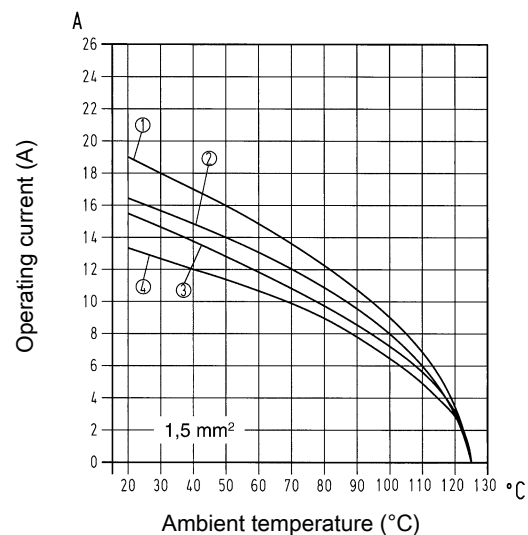
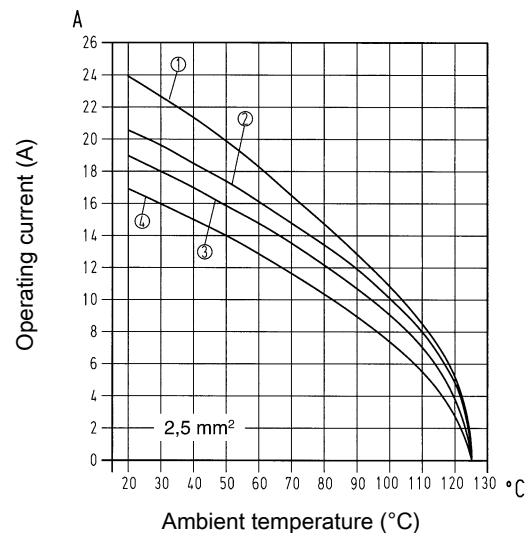
## Derating

### 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

### Han® ES



- ① Han® 6 ES
- ② Han® 10 ES
- ③ Han® 16 ES Han® 32 ES
- ④ Han® 24 ES Han® 48 ES