

Features

- Combination of signal and power in one connector
- Crimp termination for power and signal area
- Use of standard Han® TC 100 and Han E® contacts
- 16 coding options

Technical characteristics

| | |
|---|-------------------------------------|
| Number of contacts | 6 |
| Additional contacts | + 6 additional signal contacts |
| Rated current | 100 A |
| Rated voltage | 690 V |
| Rated impulse voltage | 8 kV |
| Pollution degree | 3 |
| Rated current (signal) | 16 A |
| Rated voltage (signal) | 400 V |
| Rated impulse voltage (signal) | 6 kV |
| Pollution degree (signal) | 3 |
| Insulation resistance | >10 ¹⁰ Ω |
| Contact resistance | ≤1 mΩ, ≤0.3 mΩ |
| Limiting temperature | -40 ... +125 °C |
| Mating cycles | ≥500 |
| Wire outer diameter | ≤12.8 mm |
| Material (insert) | Polycarbonate (PC) |
| Colour (insert) | RAL 7032 (pebble grey) |
| Material (contacts) | Copper alloy |
| Material (accessories) | Thermoplastic |
| Material flammability class acc. to UL 94 | V-0 |
| RoHS | compliant, compliant with exemption |

Specifications and approvals

EN 60664-1
IEC 61984
DNV GL

Details

Contact resistance Han E® crimp contact: ≤ 1 mΩ

Contact resistance TC 100: ≤ 0.3 mΩ

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.