

Features

- Combination of signal and power in one connector
- Crimp termination for power and signal area
- Han® C power contacts
- Han E® power contacts
- Han D® signal contacts

Technical characteristics

Number of contacts	18
Additional contacts	+ 18 additional signal contacts
Rated current	40 A, 16 A
Rated voltage	830 V
Rated impulse voltage	8 kV
Pollution degree	3
Rated current (signal)	10 A
Rated voltage (signal)	250 V
Rated impulse voltage (signal)	4 kV
Pollution degree (signal)	3
Insulation resistance	>10 ¹⁰ Ω
Contact resistance	≤1 mΩ, ≤3 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, compliant with exemption

Specifications and approvals

EN 60664-1
IEC 61984
DNV GL

Details

Contact resistance Han D® crimp contact: ≤ 3 mΩ

Contact resistance Han E® crimp contact: ≤ 1 mΩ

Contact resistance Han® C crimp contact: ≤ 1 mΩ

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.