

Features

- Combination of signal and power in one connector
- Crimp termination for power and signal area
- Use of standard Han D® and Han® D-sub contacts

Technical characteristics

Number of contacts	32
Additional contacts	+ 55 additional signal contacts
Rated current	10 A
Rated voltage	250 V
Rated impulse voltage	4 kV
Pollution degree	2
Rated current (signal)	4 A
Rated voltage (signal)	50 V
Rated impulse voltage (signal)	0.8 kV
Pollution degree (signal)	2
Rated voltage acc. to UL	600 V
Rated voltage acc. to UL (signal)	30 V
Insulation resistance	$>10^{10} \Omega$
Contact resistance	$\leq 3 \text{ m}\Omega, \leq 10 \text{ m}\Omega$
Limiting temperature	-40 ... +125 °C
Mating cycles	≥ 500
Material (insert)	Polycarbonate
Colour (insert)	RAL 7032 (pebble grey)
Material (contacts)	Copper alloy
Material flammability class acc. to UL 94	V-0
RoHS	compliant, compliant with exemption
RoHS exemptions	6(c) : Copper alloy containing up to 4 % lead by weight

Specifications and approvals

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

Details

Contact resistance Han D® crimp contact: $\leq 3 \text{ m}\Omega$

Contact resistance D-Sub crimp contact: $\leq 10 \text{ m}\Omega$

Crimping tools see chapter 90

Remarks on the crimp technique

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