Pushing Performance
Since 1945

Han HPR SP3 185mm² shielded w/ CG



Image is for illustration purposes only. Please refer to product description.

Part number	10 40 331 1115
Specification	Han HPR SP3 185mm² shielded w/ CG
HARTING eCatalogue	https://harting.com/10403311115

Identification

Category	Connector sets
Series of hoods/housings	Han® HPR TrainPowerLine
Element	Connector sets
Specification	With cable gland

Version

Shielding	Shielded
Number of contacts	1
Locking type	Screw locking
Field of application	Hoods/housings for harsh outdoor environments

Technical characteristics

Conductor cross-section (mm²)	185 mm²
Rated current	800 A
Rated voltage	5,100 V DC 3,000 V AC
Pollution degree	3
Overvoltage category	II
Insulation resistance	$>10^{10}$ Ω
Contact resistance	<0.3 mΩ
Stripping length	41 mm
Tightening torque (screw locking)	4 Nm
Limiting temperature	-40 ... +125 °C

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Technical characteristics

Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP66 / IP69K
Vibration resistance	Category 1B acc. to IEC 61373
Shock resistance	Category 1B acc. to IEC 61373

Material properties

Material (insert)	Polyamide (PA) Polycarbonate (PC)
Material (contacts)	Copper alloy
Surface (contacts)	Silver plated
Material (hood/housing)	Aluminium die-cast Corrosion resistant
Surface (hood/housing)	Powder-coated
Colour (hood/housing)	RAL 9005 (jet black)
Material (locking)	Stainless steel

Specifications and approvals

Specifications	EN 50124-1 EN 50467 IEC 61373 Category 1 Class B UIC 550 UIC 552

Commercial data

Packaging size	1
Net weight	1,777.6 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140190078
eCl@ss	27440114 Rectangular connector (for field assembly)
ETIM	EC002636
UNSPSC 24.0	39121408

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