

Han HPR SP3 185mm² w/o CG



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

Part number	10 40 331 1118
Specification	Han HPR SP3 185mm² w/o CG
HARTING eCatalogue	https://harting.com/10403311118

Identification

Category	Connector sets
Series of hoods/housings	Han® HPR TrainPowerLine
Element	Connector sets

Version

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
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP66 / IP69K



Pushing Performance
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Technical characteristics

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
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Not contained

Specifications and approvals

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

Packaging size	1
Net weight	1,228 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140190054
eCl@ss	27440114 Rectangular connector (for field assembly)
ETIM	EC002636



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UNSPSC 24.0

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