



Pushing Performance
Since 1945

Han HPR HPTC 1400 DS



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

Part number	10 40 291 1009
Specification	Han HPR HPTC 1400 DS
HARTING eCatalogue	https://harting.com/10402911009

Identification

Category	Connector sets
Series of hoods/housings	Han® HPR HPTC
Type of hood/housing	Complete set
Description of hood/housing	Device side
Type of cable	Copper cable (round)
Features	for stranded wires according to IEC 60228 Class 5
	This product is ideal for use on narrower busbars and with cable lugs. The thread length of 37 mm enables space-saving yet secure installation. Thanks to its compact design, the product is particularly suitable for applications with limited space.

Version

Size	3
Shielding	360° shielding
Coding	16 coding options
Field of application	Hoods/housings for harsh outdoor environments

Technical characteristics

Rated current	1,400 A
Rated voltage	3,600 V
Rated impulse voltage	20 kV
Pollution degree	4
Overvoltage category	III
Tightening torque	40 Nm Fixing screws M10
	40 Nm Screws M20



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Technical characteristics

Tightening torque (screw locking)	14.5 Nm
Limiting temperature	-40 ... +125 °C
Mating cycles	≥25
Degree of protection acc. to IEC 60529	IP68 IP66 IP69

Material properties

Material (insert)	Polyamide (PA)
Material (hood/housing)	Aluminium die-cast Corrosion resistant
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	4141b1b0-d696-48fb-8ad9-5046cd2452df
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	R1 (HL 1-3) R7 (HL 1-3)

Specifications and approvals

Specifications	EN 50467 EN 50124-1 IEC 61373 Category 1 Class B EN 45545 EN 60137
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Commercial data

Packaging size	1
Net weight	1,770 g
Country of origin	Germany



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Commercial data

European customs tariff number	85359000
GTIN	5713140190030
eCl@ss	27440113 Rectangular connectors (set)
ETIM	EC002636
UNSPSC 24.0	39121408