Pushing Performance
Since 1945

Han HPR HPTC 850 DS

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

Part number	10 40 281 1009
Specification	Han HPR HPTC 850 DS
HARTING eCatalogue	https://harting.com/10402811009

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

Version

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

Technical characteristics

Rated current	850 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
Tightening torque (screw locking)	14.5 Nm
Limiting temperature	-40 ... +125 °C

HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany
Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com

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Technical characteristics

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

Commercial data

Packaging size	1
Country of origin	Germany
European customs tariff number	85359000
GTIN	5713140189959
eCl@ss	27440113 Rectangular connectors (set)

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ETIM	EC002636
UNSPSC 24.0	39121408

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