

## 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 | <a href="https://b2b.harting.com/10402811009">https://b2b.harting.com/10402811009</a> |

### Identification

|                             |   |
|-----------------------------|---|
| Category                    | Connector sets                                    |
| Series of hoods/housings    | Han <sup>®</sup> 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

|                      |   |
|----------------------|---|
| 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             |
| Limiting temperature                   | -40 ... +125 °C |
| Mating cycles                          | ≥25             |
| Degree of protection acc. to IEC 60529 | IP65<br>IP67    |



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## Material properties

|                                      |  |
|--------------------------------------|--|
| Material (insert)                    | Polyamide (PA)   |
| Material (hood/housing)              | Aluminium die-cast<br>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)                                   |
| Requirement set with Hazard Levels   | R1 (HL 1-3)<br>R7 (HL 1-3)                             |

## Specifications and approvals

|                |  |
|----------------|--|
| Specifications | EN 50467<br>EN 50124-1<br>IEC 61373 Category 1 Class B<br>EN 45545<br>EN 60137 |
|----------------|--|

## Commercial data

|                                |                                       |
|--------------------------------|---------------------------------------|
| Packaging size                 | 1                                     |
| Country of origin              | Germany                               |
| European customs tariff number | 85389099                              |
| GTIN                           | 5713140189959                         |
| eCl@ss                         | 27440101 Rectangular connectors (set) |