

## Han HPR HPTC 400 DS



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 10 40 271 1006                                                                |
| Specification      | Han HPR HPTC 400 DS                                                           |
| HARTING eCatalogue | <a href="https://harting.com/10402711006">https://harting.com/10402711006</a> |

### 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                 | 2                                             |
| Shielding            | 360° shielding                                |
| Coding               | 16 coding options                             |
| Field of application | Hoods/housings for harsh outdoor environments |

### Technical characteristics

|                                   |                 |
|-----------------------------------|-----------------|
| Rated current                     | 400 A           |
| Rated voltage                     | 1,800 V         |
| Rated impulse voltage             | 10 kV           |
| Pollution degree                  | 4               |
| Overvoltage category              | III             |
| Tightening torque (screw locking) | 6 Nm            |
| Limiting temperature              | -40 ... +125 °C |
| Mating cycles                     | ≥25             |



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## Technical characteristics

|                                        |      |
|----------------------------------------|------|
| Degree of protection acc. to IEC 60529 | IP68 |
|                                        | IP66 |
|                                        | IP69 |

## 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) + 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                           | 5713140189874                         |
| eCl@ss                         | 27440113 Rectangular connectors (set) |
| ETIM                           | EC002636                              |



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Commercial data

|             |          |
|-------------|----------|
| UNSPSC 24.0 | 39121408 |
|-------------|----------|