**HARTING**

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Since 1945

# 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 | https://b2b.harting.com/10402711006 |

## 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 |
| Limiting temperature | -40 ... +125 °C |
| Mating cycles | ≥25 |

Page 1 / 2 | Creation date 2023-02-07 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.
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## Technical characteristics

| | |
|---|---|
| Degree of protection acc. to IEC 60529 | IP65 |
| | IP67 |

## 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) |
| 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 | 85389099 |
| GTIN | 5713140189874 |
| eCl@ss | 27440113 Rectangular connectors (set) |

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