

## Han HPR HPTC 850 CS UNSH IP65/67 185



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 10 40 281 2128                                                                |
| Specification      | Han HPR HPTC 850 CS UNSH IP65/67 185                                          |
| HARTING eCatalogue | <a href="https://harting.com/10402812128">https://harting.com/10402812128</a> |

### Identification

|                             |                                                   |
|-----------------------------|---------------------------------------------------|
| Category                    | Connector sets                                    |
| Series of hoods/housings    | Han <sup>®</sup> HPR HPTC                         |
| Type of hood/housing        | Complete set                                      |
| Description of hood/housing | Cable side<br>With integrated cable gland         |
| 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                             |
| Number of cable entries | 1                                             |
| Cable entry             | 1x M40                                        |
| Field of application    | Hoods/housings for harsh outdoor environments |

### Technical characteristics

|                         |                     |
|-------------------------|---------------------|
| Conductor cross-section | 185 mm <sup>2</sup> |
| Rated current           | 850 A               |
| Rated voltage           | 3,600 V             |
| Rated impulse voltage   | 20 kV               |
| Pollution degree        | 4                   |
| Overvoltage category    | III                 |



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## Technical characteristics

|                                        |                 |
|----------------------------------------|-----------------|
| Limiting temperature                   | -40 ... +125 °C |
| Mating cycles                          | ≥25             |
| Degree of protection acc. to IEC 60529 | IP68            |
|                                        | IP66            |
|                                        | IP69            |
| Clamping range                         | 26.5 ... 32 mm  |

## 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                                                   |

## Specifications and approvals

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

## Commercial data

|                                |               |
|--------------------------------|---------------|
| Packaging size                 | 1             |
| Net weight                     | 1,691 g       |
| Country of origin              | Germany       |
| European customs tariff number | 85359000      |
| GTIN                           | 5713140189911 |



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Commercial data

|             |                                       |
|-------------|---------------------------------------|
| eCl@ss      | 27440113 Rectangular connectors (set) |
| ETIM        | EC002636                              |
| UNSPSC 24.0 | 39121408                              |