



Pushing Performance  
Since 1945

# Han HPR HPTC 850 CS UNSH IP65/67 240



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 10 40 281 2119                                                                |
| Specification      | Han HPR HPTC 850 CS UNSH IP65/67 240                                          |
| HARTING eCatalogue | <a href="https://harting.com/10402812119">https://harting.com/10402812119</a> |

## Identification

|                             |                                                   |
|-----------------------------|---------------------------------------------------|
| Category                    | Connector sets                                    |
| Series of hoods/housings    | Han® 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 | 240 mm² |
| 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<br>IP69    |
| Clamping range                         | 21 ... 26.5 mm  |

## 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                                                   |

## 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                                     |
| Net weight                     | 1,715 g                               |
| Country of origin              | Germany                               |
| European customs tariff number | 85359000                              |
| GTIN                           | 5713140189904                         |
| eCl@ss                         | 27440113 Rectangular connectors (set) |



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Commercial data

|      |          |
|------|----------|
| ETIM | EC002636 |
|------|----------|