

## Han HPR SP3 95mm<sup>2</sup> w/o CG



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 10 40 331 1218                                                                |
| Specification      | Han HPR SP3 95mm <sup>2</sup> w/o CG                                          |
| HARTING eCatalogue | <a href="https://harting.com/10403311218">https://harting.com/10403311218</a> |

### Identification

|                          |                         |
|--------------------------|-------------------------|
| Category                 | Connector sets          |
| Series of hoods/housings | Han® HPR TrainPowerLine |
| Element                  | Connector sets          |

### Version

|                      |                                               |
|----------------------|-----------------------------------------------|
| Number of contacts   | 1                                             |
| Locking type         | Screw locking                                 |
| Field of application | Hoods/housings for harsh outdoor environments |

### Technical characteristics

|                                            |                          |
|--------------------------------------------|--------------------------|
| Conductor cross-section (mm <sup>2</sup> ) | 95 mm <sup>2</sup>       |
| Rated current                              | 800 A                    |
| Rated voltage                              | 5,100 V DC<br>3,000 V AC |
| Pollution degree                           | 3                        |
| Overvoltage category                       | II                       |
| Insulation resistance                      | >10 <sup>10</sup> Ω      |
| Contact resistance                         | <0.3 mΩ                  |
| Stripping length                           | 41 mm                    |
| Tightening torque (screw locking)          | 4 Nm                     |
| Limiting temperature                       | -40 ... +125 °C          |
| Mating cycles                              | ≥500                     |
| Degree of protection acc. to IEC 60529     | IP66 / IP69K             |



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## Technical characteristics

|                      |                               |
|----------------------|-------------------------------|
| Vibration resistance | Category 1B acc. to IEC 61373 |
| Shock resistance     | Category 1B acc. to IEC 61373 |

## Material properties

|                                      |                                           |
|--------------------------------------|-------------------------------------------|
| Material (insert)                    | Polyamide (PA)<br>Polycarbonate (PC)      |
| Material (contacts)                  | Copper alloy                              |
| Surface (contacts)                   | Silver plated                             |
| Material (hood/housing)              | Aluminium die-cast<br>Corrosion resistant |
| Surface (hood/housing)               | Powder-coated                             |
| Colour (hood/housing)                | RAL 9005 (jet black)                      |
| Material (locking)                   | Stainless steel                           |
| RoHS                                 | compliant                                 |
| ELV status                           | compliant                                 |
| China RoHS                           | e                                         |
| REACH Annex XVII substances          | Not contained                             |
| REACH ANNEX XIV substances           | Not contained                             |
| REACH SVHC substances                | Not contained                             |
| California Proposition 65 substances | Not contained                             |

## Specifications and approvals

|                |                                                                              |
|----------------|------------------------------------------------------------------------------|
| Specifications | EN 50124-1<br>EN 50467<br>IEC 61373 Category 1 Class B<br>UIC 550<br>UIC 552 |
|----------------|------------------------------------------------------------------------------|

## Commercial data

|                                |                                                     |
|--------------------------------|-----------------------------------------------------|
| Packaging size                 | 1                                                   |
| Net weight                     | 1,210 g                                             |
| Country of origin              | Germany                                             |
| European customs tariff number | 85366990                                            |
| GTIN                           | 5713140190061                                       |
| eCl@ss                         | 27440114 Rectangular connector (for field assembly) |
| ETIM                           | EC002636                                            |



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## Commercial data

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