

## Han-Power S metal 5-pole, 10mm<sup>2</sup>

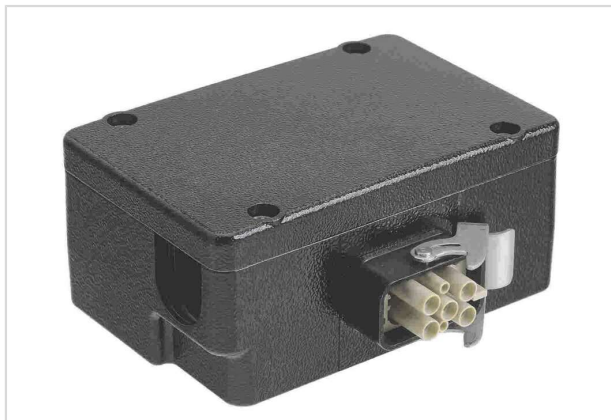


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 09 12 008 4951                                                                        |
| Specification      | Han-Power S metal 5-pole, 10mm <sup>2</sup>                                           |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09120084951">https://b2b.harting.com/09120084951</a> |

### Identification

|                          |                                                                                                            |
|--------------------------|------------------------------------------------------------------------------------------------------------|
| Category                 | Energy distributors                                                                                        |
| Series of hoods/housings | Han-Power <sup>®</sup> S                                                                                   |
| Element                  | Energy distributor                                                                                         |
| Specification            | With 1x Han <sup>®</sup> Q 4/2<br>Female insert<br>in Han-Compact <sup>®</sup> Housings, bulkhead mounting |

### Version

|                           |                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------|
| Termination method        | IDC insulation displacement termination<br>for stranded wires according to IEC 60228 Class 5 |
| Number of contacts        | 6                                                                                            |
| Number of signal contacts | 2                                                                                            |
| Number of power contacts  | 4                                                                                            |
| PE contact                | Yes                                                                                          |

### Technical characteristics

|                                   |                    |
|-----------------------------------|--------------------|
| Conductor cross-section           | 10 mm <sup>2</sup> |
| Rated current                     | 40 A               |
| Rated voltage conductor-earth     | 400 V              |
| Rated voltage conductor-conductor | 690 V              |
| Rated impulse voltage             | 6 kV               |
| Pollution degree                  | 3                  |
| Rated current (signal)            | 10 A               |
| Rated voltage (signal)            | 250 V              |



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## Technical characteristics

|                                        |                     |
|----------------------------------------|---------------------|
| Rated impulse voltage (signal)         | 4 kV                |
| Pollution degree (signal)              | 3                   |
| Rated voltage acc. to UL               | 600 V               |
| Rated voltage acc. to UL (signal)      | 250 V               |
| Rated voltage acc. to CSA              | 250 V               |
| Insulation resistance                  | >10 <sup>10</sup> Ω |
| Limiting temperature                   | -40 ... +125 °C     |
| Mating cycles                          | ≥500                |
| Degree of protection acc. to IEC 60529 | IP65                |

## Material properties

|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| Material (contacts)                       | Copper alloy                                           |
| Material (hood/housing)                   | Aluminium die-cast                                     |
| Surface (hood/housing)                    | Powder-coated                                          |
| Colour (hood/housing)                     | RAL 9005 (jet black)                                   |
| Material (seal)                           | NBR                                                    |
| Material flammability class acc. to UL 94 | V-0                                                    |
| 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                     | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol<br>Lead   |
| ECHA SCIP number                          | 564b7d75-7bf6-4cfb-acb1-2168eb61b675                   |
| California Proposition 65 substances      | Yes                                                    |
| California Proposition 65 substances      | Lead<br>Nickel<br>Naphthalene                          |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08)                                   |
| Requirement set with Hazard Levels        | R22 (HL 1-3)<br>R23 (HL 1-3)                           |



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## Specifications and approvals

|                |             |
|----------------|-------------|
| Specifications | IEC 60664-1 |
|                | IEC 61984   |
| CE             | Yes         |

## Commercial data

|                                |                                   |
|--------------------------------|-----------------------------------|
| Packaging size                 | 1                                 |
| Net weight                     | 1,117.78 g                        |
| Country of origin              | Germany                           |
| European customs tariff number | 85366990                          |
| GTIN                           | 5713140017955                     |
| eCl@ss                         | 27142409 Small distribution board |