

Han® ORV3 Power 6+PE Hood 18.5-20mm OD



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

| | |
|--------------------|---|
| Part number | 09 93 006 0403 |
| Specification | Han® ORV3 Power 6+PE Hood 18.5-20mm OD |
| HARTING eCatalogue | https://b2b.harting.com/09930060403 |

Identification

| | |
|--------------------------|---|
| Category | Connector sets |
| Series of hoods/housings | Han® ORV3 power |
| Type of hood/housing | Hood |
| Features | For Data Center Applications First mate - last break |

Version

| | |
|--------------------------|---|
| Gender | Female |
| Number of contacts | 7 |
| Number of power contacts | 6 |
| PE contact | Yes |
| Version | Side entry |
| Details | Please order crimp contacts separately. |

Technical characteristics

| | |
|-----------------------|-------------------------|
| Rated current | 32 A |
| Rated current | @ 4 mm ² |
| Rated voltage | 277 V AC 480 V AC |
| Rated impulse voltage | 2.5 kV |
| Pollution degree | 2 |
| Overvoltage category | II |
| Insulation resistance | > 5 x 10 ⁸ Ω |



Pushing Performance
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Technical characteristics

| | |
|--|--|
| Limiting temperature | -5 ... +58 °C |
| Storage temperature | -40 ... +65 °C |
| Insertion force | ≈110 N |
| Withdrawal force | ≈110 N |
| Mating cycles | ≥100 |
| Degree of protection acc. to IEC 60529 | IP20 |
| Clamping range | 18.5 ... 20 mm |
| Vibration resistance | II acc. EIA 364-28 VII acc. EIA 364-28F |
| Shock resistance | A acc. EIA 364-27F |

Material properties

| | |
|---|------------------------------|
| Material (hood/housing) | Polyamide (PA) |
| Material flammability class acc. to UL 94 | V-0 |
| 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 |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R22 (HL 1-3) R23 (HL 1-3) |

Specifications and approvals

| | |
|----------------|----------|
| Specifications | OCP V1.0 |
| Approvals | CE |

Commercial data

| | |
|--------------------------------|---------------|
| Packaging size | 10 |
| Net weight | 1 g |
| Country of origin | USA |
| European customs tariff number | 85389099 |
| GTIN | 5713140445161 |



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Commercial data

ETIM

EC002636

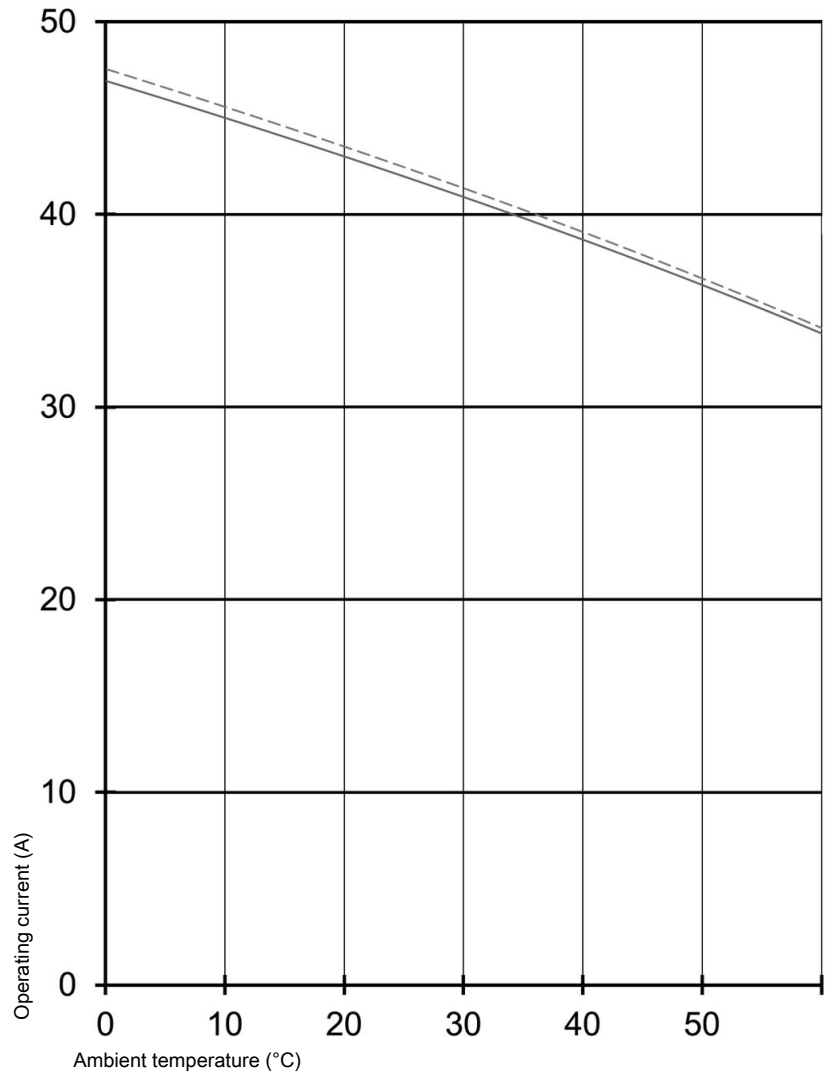
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27440114 Rectangular connector (for field assembly)

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



— 4 mm² (female side) and 10 mm² (male side)
- - - AWG 12 (female side) and 10 mm² (male side)