Pushing Performance
Since 1945

Han® ORV3 Power 6+PE Hood 17-18.5mm OD

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

Part number	09 93 006 0402
Specification	Han® ORV3 Power 6+PE Hood 17-18.5mm OD
HARTING eCatalogue	https://b2b.harting.com/09930060402

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 mm²
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

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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	17 ... 18.5 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	50.2 g
Country of origin	USA
European customs tariff number	85389099
GTIN	5713140446373

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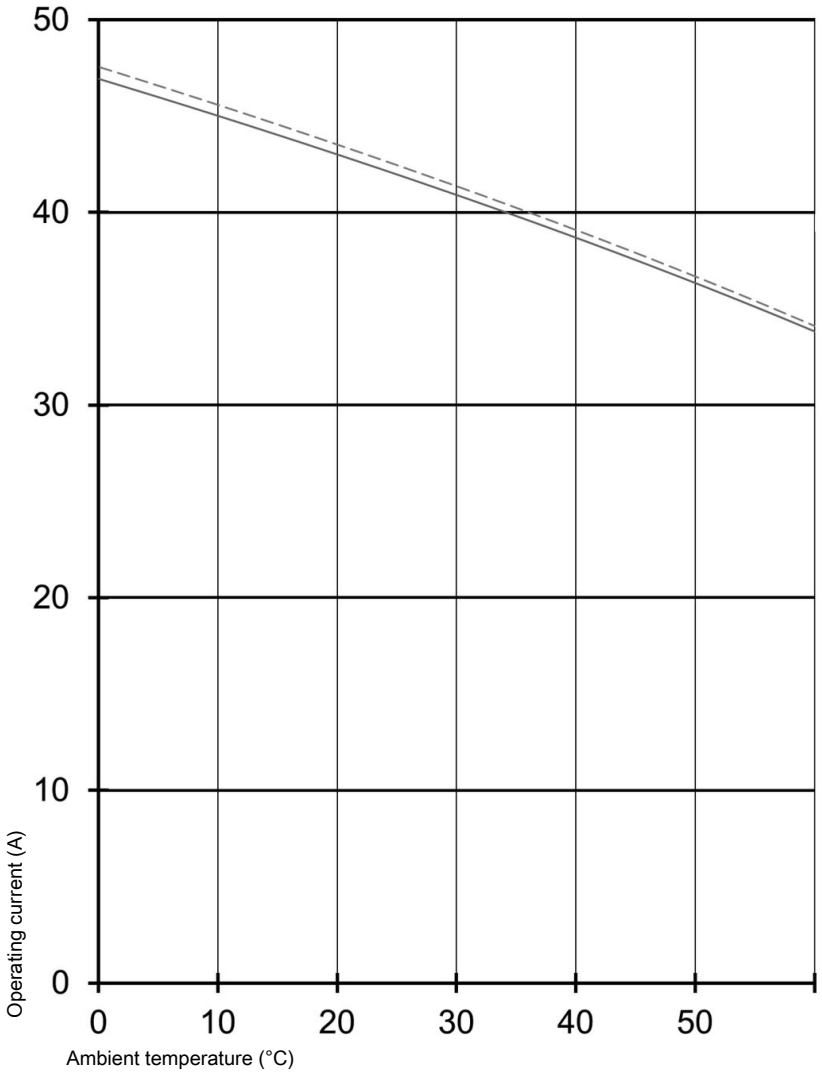
Commercial data

ETIM	EC002636
eCl@ss	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)

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