



Pushing Performance
Since 1945

Han® ORV3 Power 6+PE 55° 30A NA



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

Part number	97 00 000 0946
Specification	Han® ORV3 Power 6+PE 55° 30A NA
HARTING eCatalogue	https://harting.com/97000000946

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 PE Contact

Version

Gender	Female
Number of contacts	7
Number of power contacts	6
PE contact	Yes
Version	55° side entry
Details	Please order crimp contacts separately.

Technical characteristics

Rated current	30 A
Rated current	30 A @ AWG 10 32 A @ 4 mm²
Rated voltage	277 V AC 480 V AC
Rated impulse voltage	2.5 kV
Pollution degree	2
Overvoltage category	II



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Technical characteristics

Insulation resistance	$> 5 \times 10^8 \Omega$
Limiting temperature	-40 ... +90 °C
Insertion force	≈110 N
Withdrawal force	≈110 N
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP20
Clamping range	22.5 ... 24 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

Specifications and approvals

Specifications	OCP V1.0 IEC 61984
UL / CSA	CSA-C22.2 No. 182.3 UL 1977 ECBT2.E235076
Approvals	CE

Commercial data

Packaging size	10
Net weight	15 g
Country of origin	USA
European customs tariff number	85389099



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eCl@ss

27440114 Rectangular connector (for field assembly)