



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 | <a href="https://harting.com/97000000946">https://harting.com/97000000946</a> |

## 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<br>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<br>IEC 61984                        |
| UL / CSA       | CSA-C22.2 No. 182.3<br>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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## Commercial data

eCl@ss

27440114 Rectangular connector (for field assembly)