


HCC 4-F

Order No.: 1600001

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1600001>

Female insert, Connection method: Screw connection, Screw connection, Cross section: 0.2 mm² - 4 mm², AWG 24 - 12, Width: 92 mm, Height: 18 mm, Color: gray

Commercial data

| | |
|--------------------------|--|
| GTIN (EAN) |  |
| sales group | A530 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 357 (CL1-2011) |

Product notes

WEEE/RoHS-compliant since:
02/11/2005



<http://www.download.phoenixcontact.com>
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Technical data

General

| | |
|------------------------------------|------|
| Color | gray |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V2 |

Dimensions

| | |
|--------|---------|
| Width | 92 mm |
| Length | 31.5 mm |
| Height | 18 mm |

Technical data

| | |
|----------------------------------|---|
| Maximum load current | 25 A (with 4 mm ² conductor cross section) |
| Rated surge voltage | 6 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 61984 |
| Nominal current I _N | 25 A |
| Nominal voltage U _N | 500 V |
| Open side panel | nein |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 4 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 12 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 4 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 4 mm ² |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 2.5 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 2.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |

| | |
|---|----------------------|
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1.5 mm ² |
| Connection method | Screw connection |
| Stripping length | 7 mm |
| Internal cylindrical gage | A4 |
| Screw thread | M3 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Certificates / Approvals



Certification

BV, CSA, DNV, GL, LR, UL

Accessories

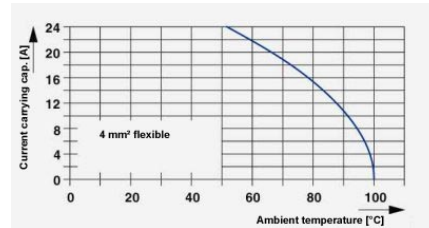
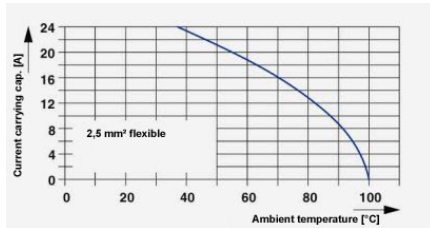
| Item | Designation | Description |
|---------------------|-------------|--|
| Assembly | | |
| 1600069 | HCC 4-FE | Foot element, Color: gray |
| Plug/Adapter | | |
| 1600027 | CP-HCC 4 | Coding profile, Color: red |
| 3100224 | HCC 4-SR | Strain relief, Color: gray |
| Tools | | |
| 1205053 | SZS 0,6X3,5 | Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |

Additional products

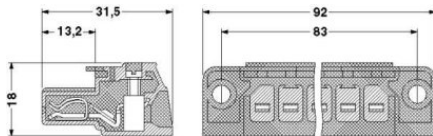
| Item | Designation | Description |
|----------------|-------------|---|
| General | | |
| 1600014 | HCC 4-M | Plug, Connection method: Screw connection, Screw connection, Cross section: 0.2 mm ² - 4 mm ² , AWG 24 - 12, Width: 92 mm, Height: 18 mm, Color: gray, Mounting type: Direct screw connection |

Diagrams/Drawings

Diagram



Dimensioned drawing



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