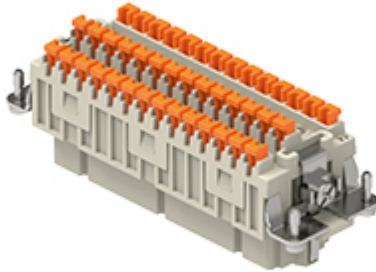


Part number

RDSHF 42



Female insert, RDSH series, SQUICH® spring terminal connection without tools, 42 poles + PE, 10 A 400 V 6 kV 3, size "104.27", HNM - High Number of Matings version

Product description

| | |
|------------------------|--|
| Product type | Insert |
| Series | RDSH |
| Connection type | SQUICH® spring terminal connection without tools |
| Gender | Female |
| N. of poles | 42 poles + |
| Size | Size 104.27 |
| Specification | HNM - High Number of Matings version |

Technical data

| | |
|--|--|
| Current | 10 A |
| Voltage | 400 V |
| Rated impulse withstand voltage | 6 kV |
| Pollution degree | 3 |
| Rated voltage according to UL/CSA | 600 V |
| Wire cross-section | 0,14 mm ² - 2,50 mm ² |
| AWG size | 26 - 14 |
| Contact type | Turned gold plated |
| IP degree of protection | IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure |

Further technical details

| | |
|---|------------------------------------|
| Characteristics according to EN 61984 | 10A 400V 6kV 3; 10A 400/690V 6kV 2 |
| Mating cycles | ≥ 10000 |
| Insulation resistance | ≥ 10 GΩ |
| Contact resistance | ≤ 3 mΩ |
| Weight | 142,00 g |
| Operating temperature range (min, max) | -40°C...+125°C |
| Conductors stripping length | 9...11 mm |
| UL 94 flammability rating | V-0 |

Material properties

| | |
|------------------------------|--|
| Main material | Polycarbonate (PC) |
| Other materials | Contacts: copper alloy |
| Colour | RAL 7032 grey |
| RoHs conformity | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| China RoHs - EFUP | 50 |
| REACH SVHC substances | Yes Lead |
| SCIP number | 1a9c93ff-0445-4a16-81e3-1609ac5274d6 |

Approvals / Standards

| | |
|-----------------------|----------|
| Certifications | DNV, EAC |
|-----------------------|----------|

General ordering information

| | |
|-------------------|---------------|
| EAN13 code | 8015747113403 |
| eCl@ss 8.1 | 27440205 |
| ETIM 7.0 | EC000438 |

Packaging Information

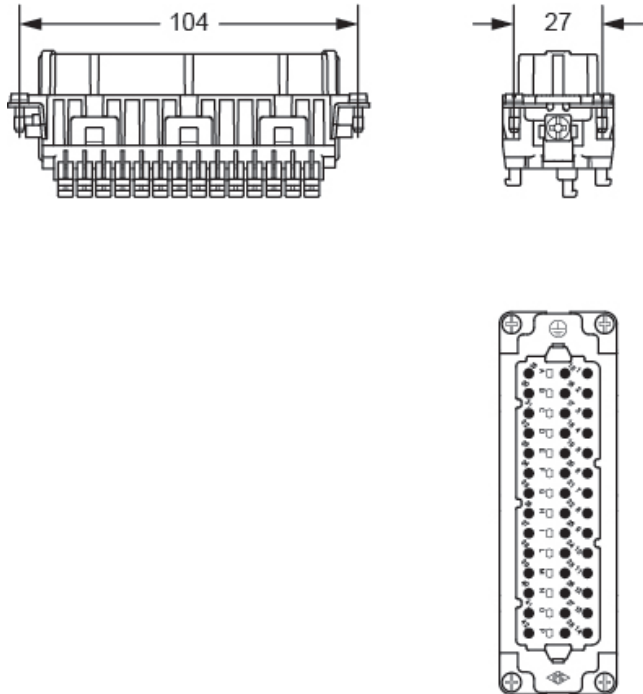
| | |
|----------------------------------|----------------------|
| Packaging length | 245,00 mm |
| Packaging height | 165,00 mm |
| Packaging width | 215,00 mm |
| Packaging weight | 4,69 kg |
| Packaging volume | 8,69 dm ³ |
| Packaging description | Carton box |
| Packaging quantity | 30 Pcs |
| Packaging EAN code | 8015747113410 |
| Sub-packaging length | 197,00 mm |
| Sub-packaging height | 55,00 mm |
| Sub-packaging width | 113,00 mm |
| Sub-packaging weight | 0,78 kg |
| Sub-packaging volume | 1,22 dm ³ |
| Sub-packaging description | Carton tray |
| Sub-packaging quantity | 5 Pcs |
| Sub-packaging EAN barcode | 8015747113427 |

Part number

RDSHF 42

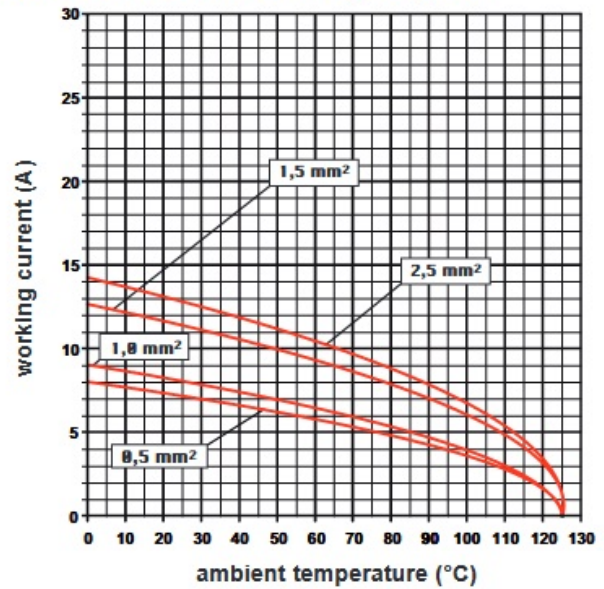


Catalogue drawings



Derating curves

RDSH 42 poles connector inserts
Maximum current load derating diagram



Notes

California Proposition 65 Information



WARNING

This product can expose you to lead and its compounds, known to the State of California to cause cancer and/or reproductive toxicity. For more information go to www.P65Warnings.ca.gov.

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