

Part number

CXF 4/2 RY



Female insert, CX RY series, screw terminal connection, 4 + 2 poles + PE, 80 A 830 V 8 kV 3 / 16 A 400 V 6 kV 3, size "77.27", for applications up to 180°C

| Product description | |
|---|--|
| Product type | Insert |
| Series | CX RY |
| Connection type | Screw terminal connection |
| Gender | Female |
| N. of poles | 4 poles + |
| Auxiliary poles | 2 poles |
| Size | Size 77.27 |
| Specification | For applications up to 180°C |
| Technical data | |
| Current | 80 A |
| Voltage | 830 V |
| Rated impulse withstand voltage | 8 kV |
| Pollution degree | 3 |
| Rated voltage according to UL/CSA | 600 V |
| Wire cross-section | 4,00 mm ² - 16,00 mm ² |
| AWG size | 12 - 6 |
| Contact type | Turned silver plated |
| IP degree of protection | IP20 without enclosure, IP65 with enclosure |
| Further technical details | |
| Characteristics according to EN 61984 | 80A 830V 8kV 3; 16A 400V 6kV 3; 16A 400/690V 6kV 2 |
| Mating cycles | ≥ 500 |
| Insulation resistance | ≥ 10 GΩ |
| Contact resistance | ≤ 0,3 mΩ (4 poles); ≤ 1 mΩ (2 poles) |
| Weight | 125,00 g |
| Operating temperature range (min, max) | -40°C ... +180°C |
| UL 94 flammability rating | V-0 |

| Material properties | |
|----------------------------------|--|
| Main material | Polyphenylene sulfide (PPS) |
| Other materials | Contacts: copper alloy |
| 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 | CSA, CQC, DNV, BV, EAC |
| UL | ECBT2 |
| cUL | ECBT8 |
| General ordering information | |
| EAN13 code | 8015747245661 |
| 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 | 4,00 kg |
| Packaging volume | 8,69 dm ³ |
| Packaging description | Carton box |
| Packaging quantity | 30 Pcs |
| Packaging EAN code | 8015747245685 |
| Sub-packaging length | 87,00 mm |
| Sub-packaging height | 36,00 mm |
| Sub-packaging width | 180,00 mm |
| Sub-packaging weight | 0,67 kg |
| Sub-packaging volume | 0,56 dm ³ |
| Sub-packaging description | Carton tray |
| Sub-packaging quantity | 5 Pcs |
| Sub-packaging EAN barcode | 8015747245692 |

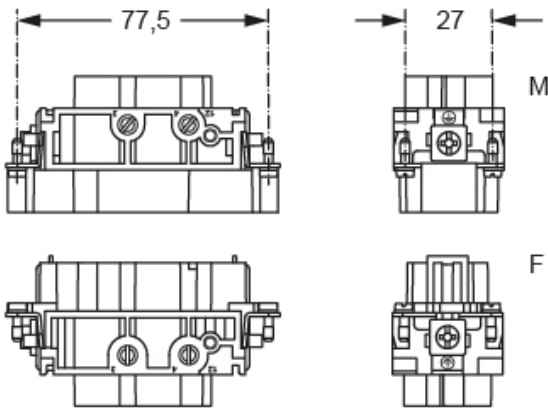
Part number

CXF 4/2 RY

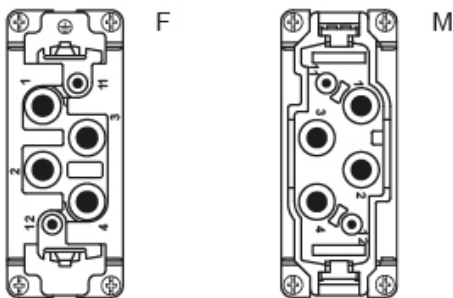


Catalogue drawings

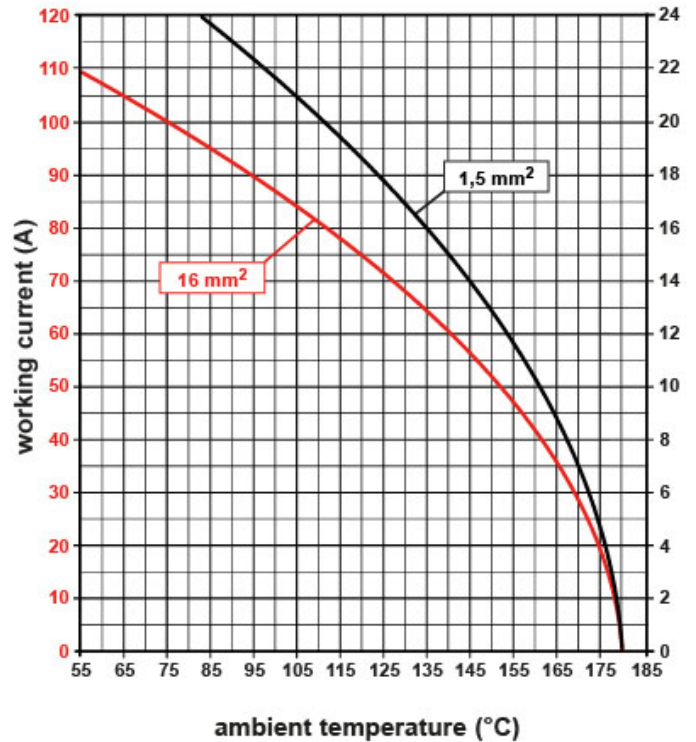
Derating curves



contacts side (front view)



CX RY 4/2 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.

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.