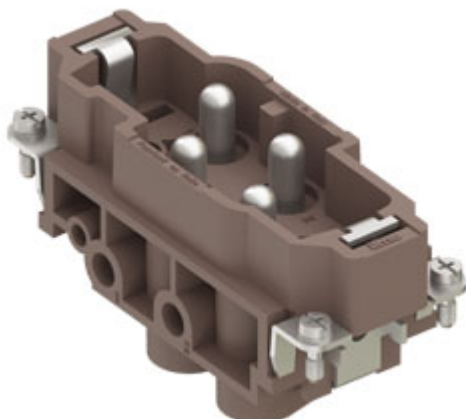


Part number

# CXM 4/0 RY



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

| Product description                    |                                                                                             | Material properties          |                                                                                |
|----------------------------------------|---------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------|
| Product type                           | Insert                                                                                      | Main material                | Polyphenylene sulfide (PPS)                                                    |
| Series                                 | CX RY                                                                                       | Other materials              | Contacts: copper alloy                                                         |
| Connection type                        | Screw terminal connection                                                                   |                              | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| Gender                                 | Male                                                                                        | RoHs conformity              |                                                                                |
| N. of poles                            | 4 poles +  | China RoHs - EFUP            | 50                                                                             |
| Size                                   | Size 77.27                                                                                  | REACH SVHC substances        | Yes                                                                            |
| Specification                          | For applications up to 180°C                                                                | Lead                         |                                                                                |
| Technical data                         |                                                                                             | SCIP number                  | 1a9c93ff-0445-4a16-81e3-1609ac5274d6                                           |
| Current                                | 80 A                                                                                        | Approvals / Standards        |                                                                                |
| Voltage                                | 830 V                                                                                       | Reference standard           | EN 61984:2009-06                                                               |
| Rated impulse withstand voltage        | 8 kV                                                                                        | Certifications               | CSA, CQC, DNV, BV, EAC                                                         |
| Pollution degree                       | 3                                                                                           | UL                           | ECBT2                                                                          |
| Rated voltage according to UL/CSA      | 600 V                                                                                       | cUL                          | ECBT8                                                                          |
| Wire cross-section                     | 4,00 mm <sup>2</sup> - 16,00 mm <sup>2</sup>                                                | General ordering information |                                                                                |
| AWG size                               | 12 - 6                                                                                      | EAN13 code                   | 8015747153218                                                                  |
| Contact type                           | Turned silver plated                                                                        | eCl@ss 8.1                   | 27440205                                                                       |
| IP degree of protection                | IP20 without enclosure, IP65 with enclosure                                                 | ETIM 7.0                     | EC000438                                                                       |
| Further technical details              |                                                                                             | Packaging Information        |                                                                                |
| Characteristics according to EN 61984  | 80A 830V 8kV 3                                                                              | Packaging length             | 245,00 mm                                                                      |
| Mating cycles                          | ≥ 500                                                                                       | Packaging height             | 165,00 mm                                                                      |
| Insulation resistance                  | ≥ 10 GΩ                                                                                     | Packaging width              | 215,00 mm                                                                      |
| Contact resistance                     | ≤ 0,3 mΩ                                                                                    | Packaging weight             | 4,00 kg                                                                        |
| Weight                                 | 121,33 g                                                                                    | Packaging volume             | 8,69 dm <sup>3</sup>                                                           |
| Operating temperature range (min, max) | -40°C ... +180°C                                                                            | Packaging description        | Carton box                                                                     |
| UL 94 flammability rating              | V-0                                                                                         | Packaging quantity           | 30 Pcs                                                                         |
|                                        |                                                                                             | Packaging EAN code           | 8015747153362                                                                  |
|                                        |                                                                                             | 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 <sup>3</sup>                                                           |
|                                        |                                                                                             | Sub-packaging description    | Carton tray                                                                    |
|                                        |                                                                                             | Sub-packaging quantity       | 5 Pcs                                                                          |
|                                        |                                                                                             | Sub-packaging EAN barcode    | 8015747153379                                                                  |

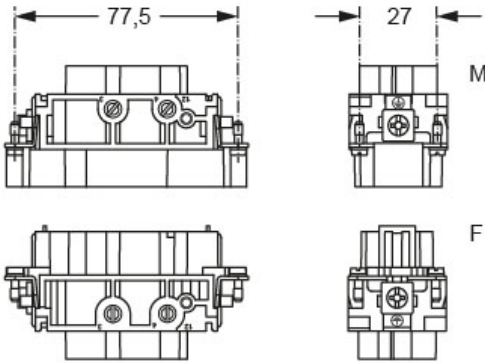
Part number

# CXM 4/0 RY

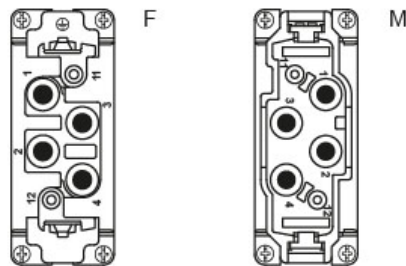


Catalogue drawings

Derating curves



contacts side (front view)



CX RY 4/0 poles connector inserts  
Maximum current load derating diagram

