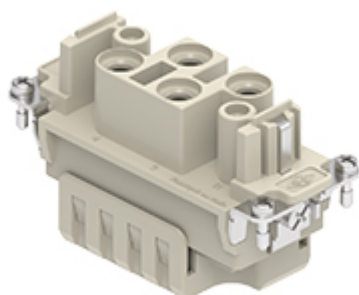


Part number

# RXCF 4/2



Female insert, RXC series, crimp connection, 4 + 2 poles + PE, 80 A 830 V 8 kV 3 / 16 A 400 V 6 kV 3, size "77.27", HNM - High Number of Matings version

| Product description                    |                                                                                             | Material properties          |                      |
|----------------------------------------|---------------------------------------------------------------------------------------------|------------------------------|----------------------|
| Product type                           | Insert                                                                                      | Main material                | Polycarbonate (PC)   |
| Series                                 | RXC                                                                                         | Colour                       | RAL 7032 grey        |
| Connection type                        | Crimp connection                                                                            | RoHs conformity              | Compliant            |
| Gender                                 | Female                                                                                      | China RoHs - EFUP            | E                    |
| N. of poles                            | 4 poles +  | REACH SVHC substances        | No                   |
| Auxiliary poles                        | 2 poles                                                                                     | General ordering information |                      |
| Size                                   | Size 77.27                                                                                  | EAN13 code                   | 8015747283922        |
| Specification                          | HNM - High Number of Matings version                                                        | eCl@ss 8.1                   | 27440205             |
| Technical data                         |                                                                                             | ETIM 7.0                     | EC000438             |
| Current                                | 80 A                                                                                        | Packaging Information        |                      |
| Voltage                                | 830 V                                                                                       | Packaging length             | 245,00 mm            |
| Rated impulse withstand voltage        | 8 kV                                                                                        | Packaging height             | 165,00 mm            |
| Pollution degree                       | 3                                                                                           | Packaging width              | 215,00 mm            |
| Rated voltage according to UL/CSA      | 600 V                                                                                       | Packaging weight             | 2,34 kg              |
| Wire cross-section                     | 6,00 mm <sup>2</sup> - 25,00 mm <sup>2</sup>                                                | Packaging volume             | 8,69 dm <sup>3</sup> |
| AWG size                               | 10 - 3                                                                                      | Packaging description        | Carton box           |
| IP degree of protection                | IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure                                  | Packaging quantity           | 30 Pcs               |
| Further technical details              |                                                                                             | Packaging EAN code           | 8015747283977        |
| Characteristics according to EN 61984  | 80 A 830 V 8 kV 3 / 16 A 400 V 6 kV 3                                                       | Sub-packaging length         | 87,00 mm             |
| Mating cycles                          | ≥ 10000                                                                                     | Sub-packaging height         | 36,00 mm             |
| Insulation resistance                  | ≥ 10 GΩ                                                                                     | Sub-packaging width          | 180,00 mm            |
| Contact resistance                     | ≤ 0,3 mΩ (4 poles), ≤ 1 mΩ (2 poles)                                                        | Sub-packaging weight         | 0,39 kg              |
| Weight                                 | 72,30 g                                                                                     | Sub-packaging volume         | 0,56 dm <sup>3</sup> |
| Operating temperature range (min, max) | -40°C...+125°C                                                                              | Sub-packaging description    | Carton tray          |
| UL 94 flammability rating              | V-0                                                                                         | Sub-packaging quantity       | 5 Pcs                |
|                                        |                                                                                             | Sub-packaging EAN barcode    | 8015747283984        |

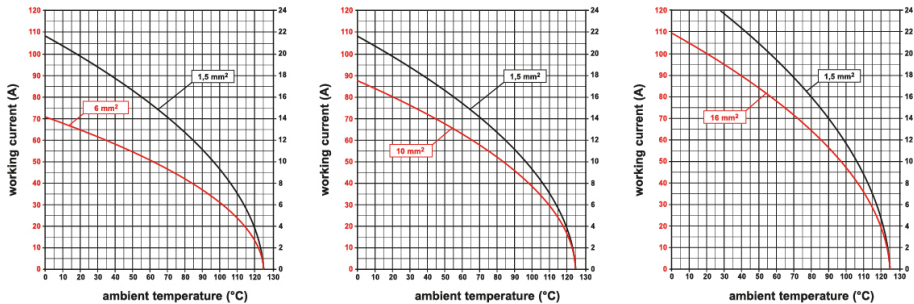
# Part number

# RXCF 4/2

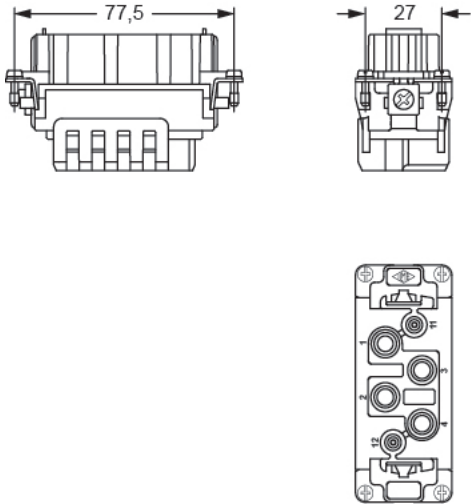


## Derating curves

RXC 4/2 poles connector inserts  
Maximum current load derating diagram



## Catalogue drawings



## Notes

Dimensions shown in mm are not binding and may be changed without notice.