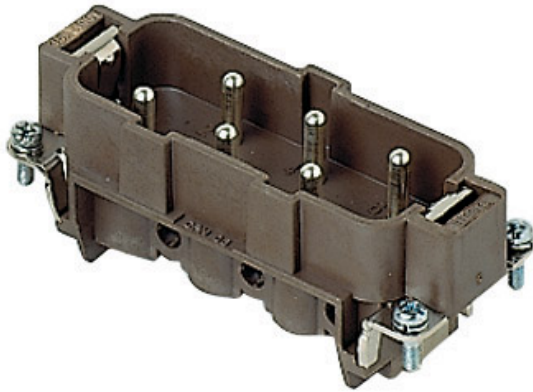



Part number

CPM 06 RY



Male insert, CP RY series, screw terminal connection, 6 poles + PE, 35 A 400/690 V 6 kV 3, size "77.27", for applications up to 180°C, with plate

Product description	
Product type	Insert
Series	CP RY
Connection type	Screw terminal connection
Gender	Male
N. of poles	6 poles + 
Size	Size 77.27
Specification	With plate For applications up to 180°C
Technical data	
Current	35 A
Voltage	400 - 690 V
Rated impulse withstand voltage	6 kV
Pollution degree	3
Rated voltage according to UL/CSA	600V
Wire cross-section	0,75 mm ² - 6,00 mm ²
AWG size	18 - 10
Contact type	Turned silver plated
IP degree of protection	IP20 without enclosure, IP65 with enclosure
Further technical details	
Characteristics according to EN 61984	35A 400/690V 6kV 3
Mating cycles	≥ 500
Insulation resistance	≥ 10 GΩ
Weight	83,70 g
Operating temperature range (min, max)	-40°C ... +180°C
UL 94 flammability rating	V-0
Torque for main contact	M4: 1,2 Nm; 10,6 lb.in (Ph1 or 0,8 x 4 mm)

Material properties	
Main material	Polyphenylene sulfide (PPS)
Other materials	Contacts: copper alloy Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
RoHs conformity	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	
Reference standard	EN 61984:2009-06
Certifications	CSA, CQC, DNV, BV, EAC
UL	ECBT2
General ordering information	
EAN13 code	8015747036955
eCl@ss 8.1	27440205
ETIM 7.0	EC000438
Packaging Information	
Sub-packaging length	87,00 mm
Sub-packaging height	36,00 mm
Sub-packaging width	180,00 mm
Sub-packaging weight	0,42 kg
Sub-packaging volume	0,56 dm ³
Sub-packaging description	Carton tray
Sub-packaging quantity	5 Pcs
Sub-packaging EAN barcode	8015747036962

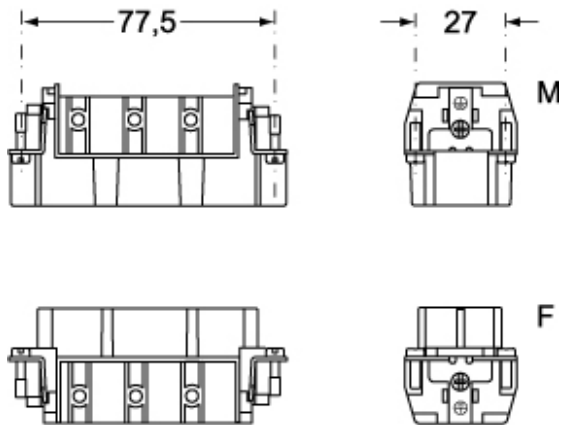
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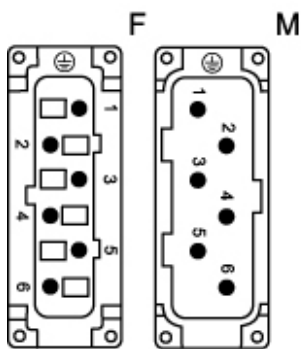


Catalogue drawings

CPM 06



CPF 06



Notes

CPF/M 06 RY inserts

- characteristics according to EN 61984:
35A 400/690V 6kV 3
- UL, CSA, CCC, GOST certified
- rated voltage according to UL/CSA: 600V
- insulation resistance: > 10 GOhm
- ambient temperature limit: -40°C to 180 °C
- mechanical life: > 500 cycles
- contact resistance: < 0.5 mOhm
- inserts with plate, for section conductors:
0.75 ÷ 6 mm² - AWG 18 ÷ 10
- conductors stripping length: 10.5 mm
- terminal screw torque: 1.2 Nm
- enclosures: size 77.27
for 180 °C

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

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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