

Part number

CPF 06 RY



Brief description:

female insert, 6 poles + PE, screw terminal connections, 35A, 690V, 6kV, 3, silver plated, size "77.27" 180°C version, CLASS insert series

Product description	
Model	female insert
Version	screw terminal connection
Series	CP RY
Product type	with female contacts
Style	for applications up to 180°C
Family	Insert
Size	size "77.27" 180°C version
N. of poles	6 poles +
Technical data	
Current	35 A
Voltage	400 - 690 V
Rated impulse withstand voltage	6 kV
Pollution degree	3
Wire cross-section	1,50 mm ² - 6,00 mm ²
AWG size	16 - 10
Operating temperature range (min, max)	-40°C ... +180°C
Contact material	silver plated
Mating cycles	≥ 500
IP degree of protection	IP20 without enclosure, IP65 with enclosure
Further technical details	
Characteristics according to EN 61984	35A 400/690V 6kV 3
Insulation resistance	≥ 10 GΩ
Rated voltage according to UL/CSA	600V
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)
Weight	104,00 g

Approvals / Standards	
Reference standard	EN 61984:2009-06
Quality mark	DNV GL, BV, EAC
Conformity	CQC, CE
General ordering information	
EAN13 code	8015747036849
ETIM classification	EC000438
Packaging Information	
Sub-packaging length	87,00 mm
Sub-packaging height	36,00 mm
Sub-packaging width	180,00 mm
Sub-packaging weight	0,52 kg
Sub-packaging volume	0,56 dm ³
Sub-packaging description	Carton tray
Sub-packaging quantity	5 Pcs
Sub-packaging EAN barcode	8015747036856

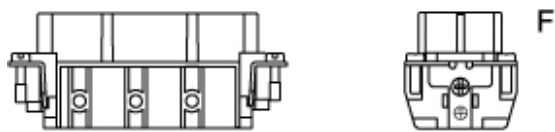
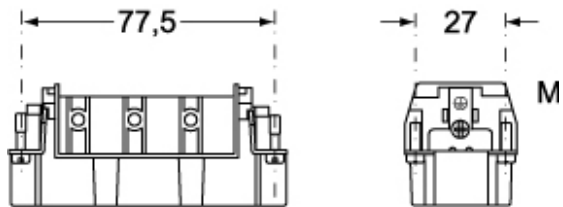
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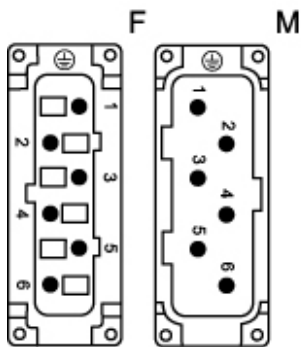


Catalogue drawings

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:
1.50 ÷ 6 mm² - AWG 16 ÷ 10
- conductors stripping length: 10.5 mm
- terminal screw torque: 1.2 Nm
- enclosures: size 77.27
for 180 °C