

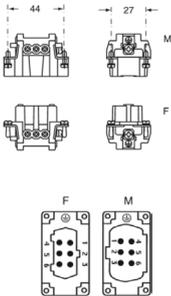
# Rectangular Multipole Connectors & Accessories

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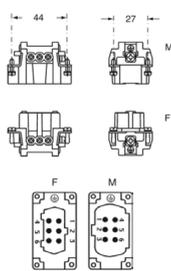
**RoHS  
Compliant**

## Inserts

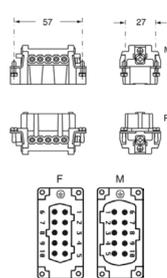
MP004730



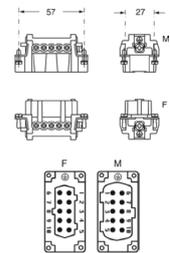
MP004731



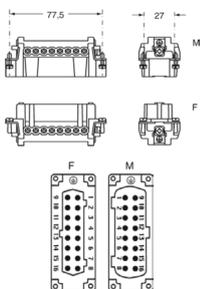
MP004732



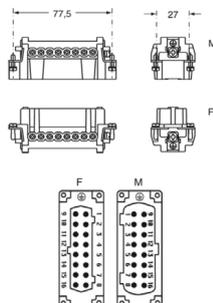
MP004733



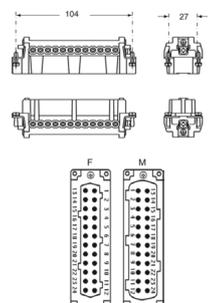
MP004734



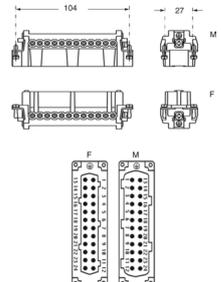
MP004735



MP004736



MP004737



# Rectangular Multipole Connectors & Accessories

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## Inserts

## Approvals / Standards

Reference standard EN 61984:2009-06  
 Quality Mark  DNV GL, EAC  
 Conformity CQC, CE

## Specification

Model Number	MP004730	MP004731	MP004732	MP004733	MP004734	MP004735	MP004736	MP004737
Insert Type	Male	Female	Male	Female	Male	Female	Male	Female
Terminal Type	Screw Terminal Connections							
Contact Type	Male	Female	Male	Female	Male	Female	Male	Female
Variant	With Plate							
Size	Size "44.27"		Size "57.27"		Size "77.27"		Size "104.27"	
No. of Poles	6 poles + ⊕		10 poles + ⊕		16 poles + ⊕		24 poles + ⊕	
Current	16 A							
Voltage	500V							
Rated Impulse Withstand Voltage	6kV							
Pollution Degree	3							
Wire Cross-Section	0.5 mm <sup>2</sup> to 4 mm <sup>2</sup>							
AWG Size	20 to 12							
Operating Temperature Range	-40°C to +125°C							
Contact Material	Tin plated							
Mating Cycles	≥ 200							
IP Degree of Protection	IP20 Without Enclosure, IP65 / IP66/IP68 / IP69 With Enclosure							
PE Wire Cross-Section	0.14mm <sup>2</sup> to 4mm <sup>2</sup> ; 20 AWG to 12 AWG							
Characteristics According to EN 61984	16A 500V 6kV 3; 16A 400/690V 6kV 2							
Insulation Resistance	≥ 10 GΩ							
Rated Voltage According to UL/CSA	600V							
UL 94 Flammability Rating	V-0							
Weight	46 g	47 g	60 g	61 g	79 g	82 g	106.5 g	112 g

## Notes

- For non-prepared conductors
- Inserts with plate for section conductors:
- 0.5 to 4 mm<sup>2</sup> - AWG 20 to 12
- Conductors stripping length: 7 mm
- Terminal screw torque: 0.5 Nm



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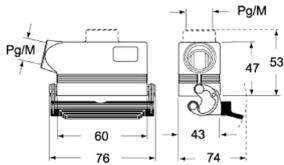
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# Rectangular Multipole Connectors & Accessories

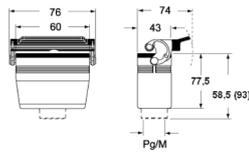
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## Hoods

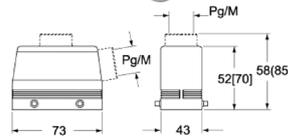
MP004738



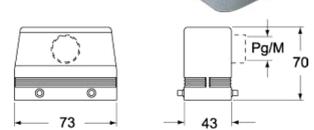
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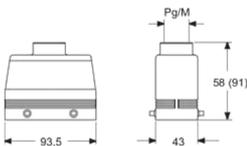
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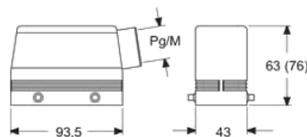
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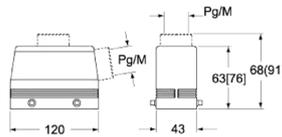
MP004748



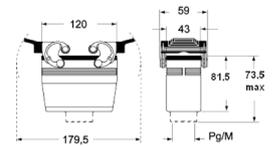
MP004749



MP004753



MP004754



## Approvals / Standards

Quality Mark  
Conformity

cULus, (type: 4/4X/12), (BL), EAC  
CQC, CE

## Specification

Model Number	MP004738	MP004739	MP004743	MP004744	MP004748	MP004749	MP004753	MP004754
Terminal Type	With 2 pegs		With 4 pegs					
Variant	Top Entry	Side Entry	Top Entry	Side Entry	Top Entry	Side Entry	Top Entry	Side Entry
Size	Size "44.27"		Size "57.27"		Size "77.27"		Size "104.27"	
Operating Temperature Range	-40°C to +125°C							
Material	Metal							
IP Degree of Protection	IP66 (and IP69 DIN 40050 - 9)							
Cable Entry	M20				M25			
Weight	89,7 g	101 g	116 g	128 g	138,5 g	175 g	179 g	208 g

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# Rectangular Multipole Connectors & Accessories

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## Couplers

MP004740



MP004745



MP004750



MP004755



## Approvals / Standards

Quality Mark  
Conformity

cULus, (type: 4/4X/12), Ⓜ, EAC  
CQC, CE

## Specification

Model Number	MP004740	MP004745	MP004750	MP004755
Version	Enclosures			
Terminal Type	With one Lever in Thermoplastic Material	With two Levers in Thermoplastic Material		
Variant	Top entry			
Size	Size "44.27"	Size "57.27"	Size "77.27"	Size "104.27"
Operating Temperature Range	-40°C to +80°C			
Material	Metal			
IP Degree of Protection	IP65			
Cable Entry	M20			
Weight	135 g	242 g	100 g	270 g

# Rectangular Multipole Connectors & Accessories

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## Housings

MP004741



MP004742



MP004746



MP004747



MP004751



MP004752



MP004756



MP004757



## Approvals / Standards

Quality Mark  
Conformity

UL<sup>us</sup>, (type: 4/4X/12), <sup>®</sup>, EAC  
CQC, CE

## Specification

Model Number	MP004741	MP004742	MP004746	MP004747	MP004751	MP004752	MP004756	MP004757
Version	Enclosures							
Terminal Type	With one Lever in Thermoplastic Material		With two Levers in Thermoplastic Material					
Size	Size "44.27"		Size "57.27"		Size "77.27"		Size "104.27"	
Operating Temperature Range	-40°C to +125°C							
Material	Metal							
IP degree of protection	IP65							
Weight	65 g	190 g	86 g	240 g	99,7 g	295 g	98 g	100 g

# Rectangular Multipole Connectors & Accessories

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**Part Number Table**

Description	Part Number
Insert, Male, 6P+E, 16A, Screw Terminal	MP004730
Insert, Female, 6P+E, 16A, Screw Terminal	MP004731
Insert, Male, 10P+E, 16A, Screw Terminal	MP004732
Insert, Female, 10P+E, 16A, Screw Terminal	MP004733
Insert, Male, 16P+E, 16A, Screw Terminal	MP004734
Insert, Female, 16P+E, 16A, Screw Terminal	MP004735
Insert, Male, 24P+E, 16A, Screw Terminal	MP004736
Insert, Female, 24P+E, 16A, Screw Terminal	MP004737
Hood, Metallic, Top Entry, M20, 2 Peg	MP004738
Hood, Metallic, Side Entry, M20, 2 Peg	MP004739
Coupler, Metallic, Top Entry, M25	MP004740
Bulkhead Housing, Panel Mount, Size 44 × 27	MP004741
Surface Mount Housing, M20, Size 44 × 27	MP004742
Hood, Metallic, Top Entry, M20, 4 Peg	MP004743
Hood, Metallic, Side Entry, M20, 4 Peg	MP004744
Coupler, Metallic, Top Entry, M25	MP004745
Bulkhead Housing, Panel Mount, Size 57 × 27	MP004746
Surface Mount Housing, M20, Size 57 × 27	MP004747
Hood, Metallic, Top Entry, M25, 4 Peg	MP004748
Hood, Metallic, Side Entry, M25, 4 Peg	MP004749
Coupler, Metallic, Top Entry, M32	MP004750
Bulkhead Housing, Panel Mount, Size 77 × 27	MP004751
Surface Mount Housing, M25, Size 104 × 27	MP004752
Hood, Metallic, Top Entry, M25, 4 Peg	MP004753
Hood, Metallic, Side Entry, M25, 4 Peg	MP004754
Coupler, Metallic, Top Entry, M32	MP004755
Bulkhead Housing, Panel Mount, Size 104 × 27	MP004756
Surface Mount Housing, M25, Size 104 × 27	MP004757

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