

Heavy Duty Connector Inserts Combination

multicomp PRO

40A/16A, 690V/400V, 6 Pin/12 Pin, Insert

**RoHS
Compliant**



Specifications

Power Area

Rated Current : 40A
 Rated Voltage : 690V
 Rated Impulse Voltage : 6KV
 Pollution Degree : 3

Signal Area

Rated Current : 10A
 Rated Voltage : 250V/400V
 Rated Impulse Voltage : 4KV
 Pollution Degree : 3
 Insulation Resistance : $\geq 10^{10}\Omega$
 Material : Polycarbonate
 Temperature Range : -40°C to $+125^{\circ}\text{C}$
 Mating Cycles : ≥ 500
 Contact Material : Copper Alloy
 Contact Surface : Silver plated / Gold plated
 Contact Resistance : $\leq 0.5\text{m}\Omega$ (Power Area)
 $\leq 3\text{m}\Omega$ (Signal Area)

Power Area

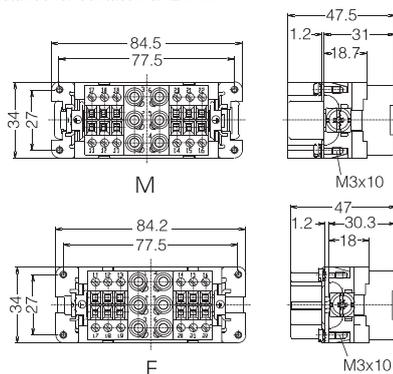
Wire Gauge : $2.5\sim 10\text{mm}^2$
 AWG : 14-8

Signal Area

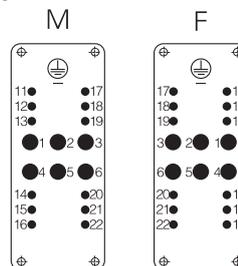
Wire Gauge : $0.2\sim 2.5\text{mm}^2$
 AWG : 24-14

Diagram

Distance for contact max.21mm



Contacts arrangement view from termination side



Dimensions : Millimetres

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Part Number Table

Description	Wire Gauge	Part Number
Heavy Duty Connector Insert, 40A/16A, 690V/400V, 6 Pin/12 Pin, Female, Screw Terminal	2.5~8mm ²	MP009602
Heavy Duty Connector Insert, 40A/16A, 690V/400V, 6 Pin/12 Pin, Male, Screw Terminal		MP009603
Heavy Duty Connector Insert, 40A/16A, 690V/400V, 6 Pin/12 Pin, Female, Screw Terminal	6~10mm ²	MP009604
Heavy Duty Connector Insert, 40A/16A, 690V/400V, 6 Pin/12 Pin, Male, Screw Terminal		MP009605

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