

Features

- The Inserts are available in the most popular sizes 3 PE, 4 PE, 10 PE, 16 PE, 24 PE and 32 PE.

RS PRO Industrial Power Connectors

RS Stock No.: 0457182, 0457183,
0457195, 0457196, 0457198,
0457199



Representative Photo

RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

- Inserts have a grounded contact to stop incorrect polarisation and contacts are mounted in the insert. This also means no additional tooling is required. The Inserts are available in the most popular sizes 3 PE, 4 PE, 10 PE, 16 PE and 32 PE.*

General Specifications

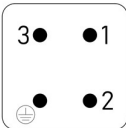
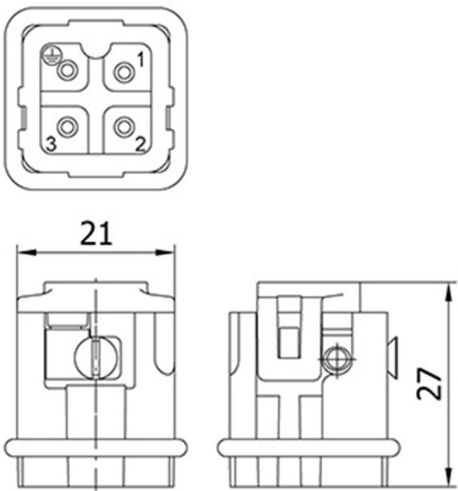
Flammability acc. to UL 94	V 0
Limiting temperature	-40 ... +125 °C
Mating cycles	□500
Material (insert)	Polycarbonate
Material (Contacts)	Brass (Silver Plated)

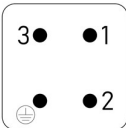
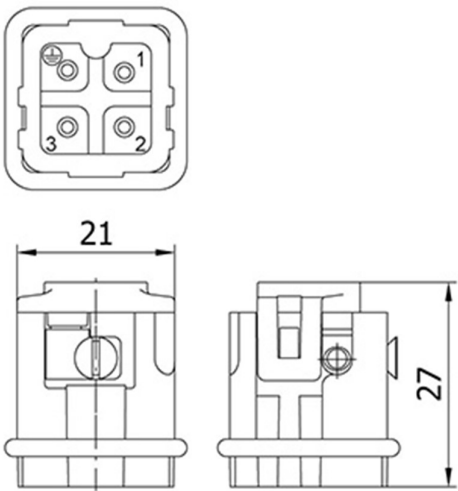
Mechanical Specifications

Termination	Screw terminal
Cable Entry	Back
Electrical Data	
acc. to EN 61984	10 A 250 V 4 kV 3
Wire gauge	0.75.....2.5 mm ²
Stripping Length	7 mm
Tightening Torque	0.5 Nm
Mechanical Working Life	□500
AWG	18-14

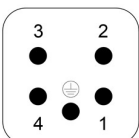
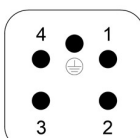
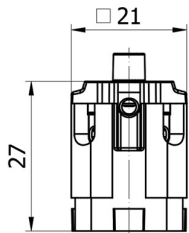
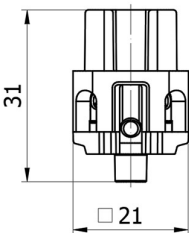
Electrical Specifications

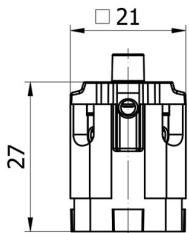
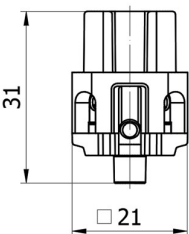
Insulation resistance	□10 ¹⁰ Ω
Contact Resistance	□1 mΩ

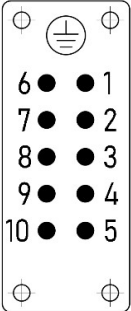
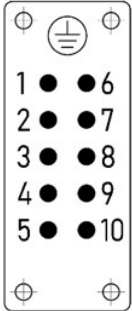
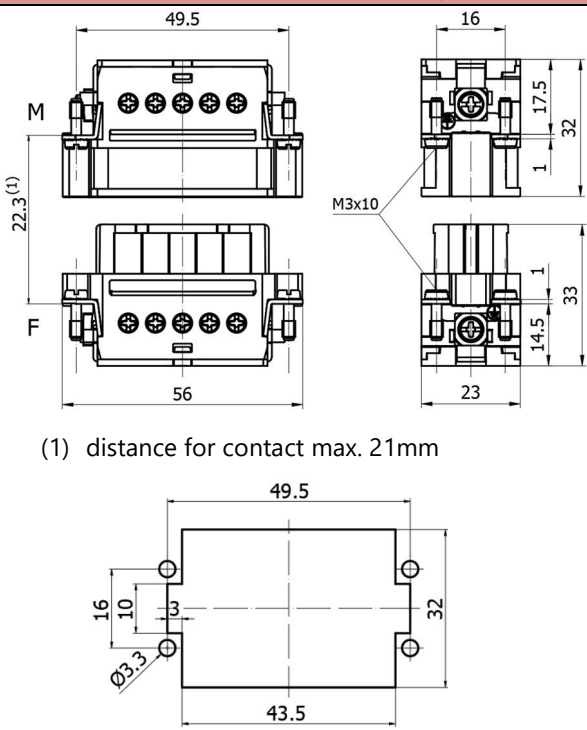
RS Pro 3 A 10 A 230/400 V 4 kV 3		3 A
Male insert (M)	Female insert (F)	
  Male	  Female	 (1) distance for contact max. 21mm

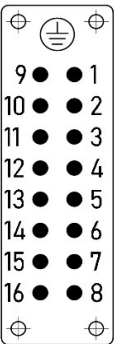
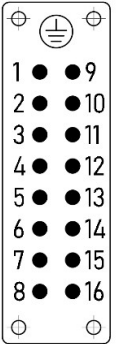
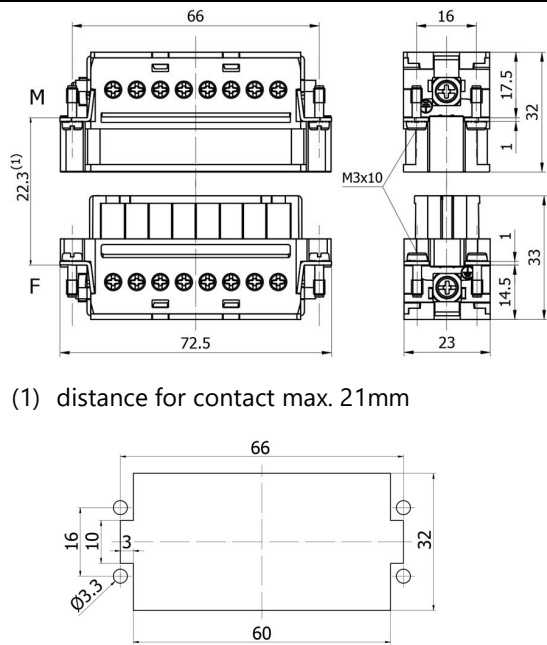
RS Pro 3 A 10 A 230/400 V 4 kV 3		3 A
Male insert (M)	Female insert (F)	
Part Number: 0457183	Part Number: 0457182	
 Back Entry  Male	 Back Entry  Female	 (1) distance for contact max. 21mm

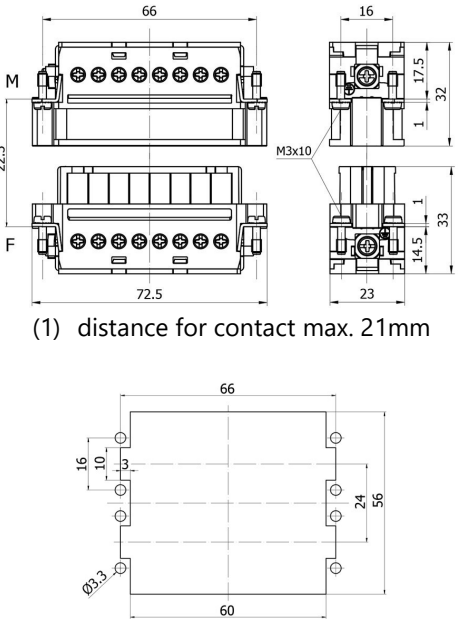
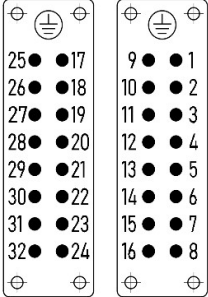
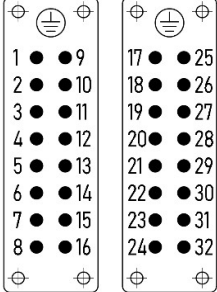
RS Pro 4 A 10 A 230/400 V 4 kV 3	3 A
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Male insert (M)	Female insert (F)	
  Male	  Female	  (2) distance for contact max. 21mm

RS Pro 4 A 10 A 230/400 V 4 kV 3		3 A
Male insert (M)	Female insert (F)	
Part Number: 0457186	Part Number: 0457185	
 Back Entry	 Back Entry	  (1) distance for contact max. 21mm

RS Pro 10 A 16 A 250 V 4 kV 3		10 A
Male insert (M) Part Number: 0457196	Female insert (F) Part Number: 0457195	
  Male	  Female	 (1) distance for contact max. 21mm Panel cut out

RS Pro 16 A 16 A 250 V 4 kV 3		16 A
Male insert (M) Part Number: 0457199	Female insert (F) Part Number: 0457198	
  Male	  Female	 (1) distance for contact max. 21mm Panel cut out

RS Pro 32 A 16 A 250 V 4 kV 3		32 A
Male insert (M)	Female insert (F)	 (1) distance for contact max. 21mm Panel cut out
Part Number 1-16: 0457199	Part Number 1-16: 0457198	
  Male	  Female	