



EPIC® POWER M17 D6

Circular connectors for servomotors and power supply



EPIC® POWER M17 F6

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i Info

- High Power with smallest space requirements

Suitable contacts:

- EPIC® M17 Contacts Page 638
- The contacts have to be ordered separately

Benefits

- Sensor/ ac
- Version with less contacts for higher current
- EMC protection

Application range

- Servo drives and servo assemblies
- Plant engineering, machinery manufacturing

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC002635 ETIM 5.0/6.0 Class-Description: Circular connector (industrial connector)		Number of contacts 3+PE, 5+PE, 6+PE, 7+PE, 3+PE+5 Contacts:3+PE(2mm), 5+PE(1mm), 6+PE(1mm), 7+PE(1mm), 3+PE+5(1mm/0.6mm)
	Rated voltage (V) 630V: 2mm and 1mm contacts 60V: 0,6mm contacts		Termination methods Crimp: 3+PE: 0.5-2.5mm ² , 5+PE/6+PE/7+PE: 0.06-1mm ² , 3+P+5: 0.06-1/0.06-0.5mm ²
	Rated impulse voltage 6KV: 2mm and 1mm contacts 1.5KV: 0.6mm contacts		Material Housing: nickel-plated zinc die-casting, nickel-plated brass Insert: PA, Seal: FPM
	Rated current (A) 3+PE: 20A, 5+PE/6+PE/7+PE:14A, 3+PE+5: 14A/3,6A		Protection rating IP 67
	Pollution degree 3		Cycle of mechanical operation 100
	Contacts Gold-plated brass		Temperature range -40°C to +125°C

Article number	Article description	Clamping range in mm	Pin configuration	Pieces / PU
Type M17 D6, cable connector				
44423050	EPIC® M17 female	3.5 - 11	3+PE (2mm contacts)	5
44423055	EPIC® M17 male	3.5 - 11	3+PE (2mm contacts)	5
44423051	EPIC® M17 female	3.5 - 11	5+PE (1mm contacts)	5
44423056	EPIC® M17 male	3.5 - 11	5+PE (1mm contacts)	5
44423052	EPIC® M17 female	3.5 - 11	6+PE (1mm contacts)	5
44423057	EPIC® M17 male	3.5 - 11	6+PE (1mm contacts)	5
44423053	EPIC® M17 female	3.5 - 11	7+PE (1mm contacts)	5
44423058	EPIC® M17 male	3.5 - 11	7+PE (1mm contacts)	5
44423054	EPIC® M17 female	3.5 - 11	3+PE+5 (1mm/0.6mm contacts)	5
44423059	EPIC® M17 male	3.5 - 11	3+PE+5 (1mm/0.6mm contacts)	5
Type M17 F6, cable coupler				
44423065	EPIC® M17 female	3.5 - 11	3+PE (2mm contacts)	5
44423060	EPIC® M17 male	3.5 - 11	3+PE (2mm contacts)	5
44423066	EPIC® M17 female	3.5 - 11	5+PE (1mm contacts)	5
44423061	EPIC® M17 male	3.5 - 11	5+PE (1mm contacts)	5
44423067	EPIC® M17 female	3.5 - 11	6+PE (1mm contacts)	5
44423062	EPIC® M17 male	3.5 - 11	6+PE (1mm contacts)	5
44423068	EPIC® M17 female	3.5 - 11	7+PE (1mm contacts)	5
44423063	EPIC® M17 male	3.5 - 11	7+PE (1mm contacts)	5
44423069	EPIC® M17 female	3.5 - 11	3+PE+5 (1mm/0.6mm contacts)	5
44423064	EPIC® M17 male	3.5 - 11	3+PE+5 (1mm/0.6mm contacts)	5

Photographs and graphics are not to scale and do not represent detailed images of the respective products.