

8PM003.00-1

1 Order data

Model number	Short description	Figure
	Accessories	
8PM003.00-1	8-pin female Intercontec motor connector, crimping range 4x 1.5-10 mm ² + 4x 0.5-2.5 mm ² , for cables 17-26 mm, IP67	

Table 1: 8PM003.00-1 - Order data

2 Technical data

Model number	8PM003.00-1
General information	
Insulator	PA 6.6 / PBT, UL94/V0 listed
Contacts	8 (4 power and 4 signal contacts)
Protective ground connection on housing	According to VDE 0627
Electrical properties	
Overvoltage category	3
Power contacts	
Contact resistance	<1 mΩ
Nominal voltage	630 VAC / VDC
Nominal current	75 A
Test voltage (L - L)	6000 V
Signal contacts	
Contact resistance	<3 mΩ
Nominal voltage	630 VAC / VDC
Nominal current	30 A
Test voltage (L - L)	4000 V
Operating conditions	
Pollution degree per EN 61800-5-1	3
Degree of protection per EN 60529	IP67 when connected
Ambient conditions	
Temperature	
Operation	-20 to 130°C
Elevation	
Operation	Up to 2000 m
Mechanical properties	
Housing	
Material	Magnesium die cast / aluminum, nickel plated
Crimping range	4x 1.5 - 10 mm ² + 4x 0.5 - 2.5 mm ²
Gasket	FPM / HNBR
Connector size	Size 1.5
Mating cycles	>50
Cable terminals	17 to 26 mm
Vendor information	
Manufacturer	INTERCONTEC (www.intercontec.biz)
Manufacturer's product ID	CSTA 264 FR 48 25 0001 000

Table 2: 8PM003.00-1 - Technical data