

8PM002.00-1

1 Order data

Model number	Short description	Figure
	Accessories	
8PM002.00-1	8-pin motor connector Intercontec female connector, crimp range 4x 2.5-4.0 mm ² + 4x 0.06-1.0 mm ² , soldering range 4x 0.5-4.0 mm ² + 4x 0.06-1.5 mm ² for 14-17 mm cables, IP67, UL/CSA listed	

Table 1: 8PM002.00-1 - Order data

2 Technical data

Product ID	8PM002.00-1
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
Certification UL/CSA	Yes
Electrical characteristics	
Overvoltage category	3
Power contacts	
Contact resistance	<3 mΩ
Nominal voltage	630 VAC / VDC
Nominal current	30 A
Test voltage (L - L)	6000 V
Signal contacts	
Contact resistance	<5 mΩ
Nominal voltage	250 VAC / VDC
Nominal current	10 A
Test voltage (L - L)	2500 V
Operating conditions	
Degree of pollution in accordance with EN 60664-1	3
EN 60529 protection	IP67 when connected
Environmental conditions	
Temperature Operation	-20 to 130°C
Altitude Operation	Up to 2000 m
Mechanical characteristics	
Housing Material	Zinc die cast / brass, nickel plated
Crimp range	4x 2.5 - 4 mm ² + 4x 0.06 - 1 mm ²
Gasket	FPM / HNBR
Connector size	Size 1
Connection cycles	>50
Cable terminals	14 to 17 mm
Manufacturer information	
Manufacturer	INTERCONTEC (www.intercontec.biz)
Manufacturer's product ID	BSTA 108 FR 35 59 0036 000

Table 2: 8PM002.00-1 - Technical data