

Modular industrial multipole connectors

Technical information

revos FLEX



Modular inserts

Crimp contacts

Number of poles of the modular inserts	Part no.	Stand. pack	Approval/	mm ²	AWG	Part no.	Stand. pack
3pole turned contact Ø 3.6 mm Connection range see crimp contact Rated current / UL/CSA max. 40 A / 35 A Rated voltage 630 V/8 kV/3 Mains voltage / UL/CSA 690 V AC / 600 V Insulating material PC, halogen-free Color pebble gray, RAL 7032 Flammability class UL 94 V-0	 	Modular male insert 78.014.0353.0 10 Modular fem. insert 78.004.0353.0 10		Contact Ø 3.6 mm			
				Male contact 4.0 12 05.544.3129.8 100 6.0 10 05.544.3229.8 100 10.0 8 05.544.3329.8 100 Female contact 4.0 12 02.125.3129.8 100 6.0 10 02.125.3229.8 100 10.0 8 02.125.3329.8 100 Contact material copper alloy Contact surface Ag			
4pole + ground punched ontact Ø 2.5 mm Connection range see crimp contact Rated current max. 16 A Rated voltage 1000 V/8 kV/3 Insulating material PA 6.6 GF, halogen-free Color black Flammability class UL 94 V-0	 	Mod. male insert 78.013.0453.0 10 Mod. fem. insert 78.003.0453.0 10		Contact Ø 2.5 mm			
				Male contact 0.5 – 1.5 20 – 16 05.544.3429.8 100 1.5 – 2.5 16 – 14 05.544.3529.8 100 Female contact 0.5 – 1.5 20 – 16 02.125.3429.8 100 1.5 – 2.5 16 – 14 02.125.3529.8 100 Contact material copper alloy Contact surface Ag			
5pole turned contact Ø 2.5 mm Connection range see crimp contact Rated current max. 20 A Rated voltage 250 V/6 kV/3 Insulating material PC, halogen-free Color pebble gray, RAL 7032 Flammability class UL 94 V-0	 	Mod. male insert 78.013.0553.0 10 Mod. fem. insert 78.003.0553.0 10		Contact Ø 2.5 mm			
				Male contact 0.5 20 05.544.3629.8 100 0.75 – 1.0 18 05.544.3729.8 100 1.5 16 05.544.3829.8 100 2.5 14 05.544.3929.8 100 4.0 12 05.544.4029.8 100 Female contact 0.5 20 02.125.3629.8 100 0.75 – 1.0 18 02.125.3729.8 100 1.5 16 02.125.3829.8 100 2.5 14 02.125.3929.8 100 4.0 12 02.125.4029.8 100 Contact material copper alloy Contact surface Ag			
10pole turned contact Ø 1.6 mm Connection range see crimp contact Rated current max. 10 A Rated voltage / UL/CSA 250 V/4 kV/3/ 240 V Insulating material PC, halogen-free Color pebble gray, RAL 7032 Flammability class UL 94 V-0	 	Mod. male insert 78.012.1053.0 10 Mod. fem. insert 78.002.1053.0 10		Contact Ø 1.6 mm			
				Male contact 0.14 – 0.37 26 – 22 05.544.4129.8 100 0.5 20 05.544.4229.8 100 0.75 – 1.0 18 05.544.4329.8 100 1.5 16 05.544.4429.8 100 2.5 14 05.544.4529.8 100 Female contact 0.14 – 0.37 26 – 22 02.125.4129.8 100 0.5 20 02.125.4229.8 100 0.75 – 1.0 18 02.125.4329.8 100 1.5 16 02.125.4429.8 100 2.5 14 02.125.4529.8 100 Contact material copper alloy Contact surface Ag			
20pole punched ontact Ø 1.0 mm Connection range see crimp contact Rated current / UL/CSA max. 4 A / 5 A Rated voltage / UL/CSA 100 V/1.5 kV/3 / 60 V Insulating material PC, halogen-free Color pebble gray, RAL 7032 Flammability class UL 94 V-0	 	Male module Female module 78.011.2053.0 10 78.001.2053.0 10		Contact Ø 1.0 mm			
				Male contact 0.09 – 0.25 28 – 24 05.544.4629.7 100 0.25 – 0.5 24 – 20 05.544.4729.7 100 Female contact 0.09 – 0.25 28 – 24 02.125.4629.7 100 0.25 – 0.5 24 – 20 02.125.4729.7 100 Contact material copper alloy Contact surface Au			