



500 V contact inserts, screw connection

Contact inserts *revos* BASIC



6-pole + ground Size 6



10-pole + ground Size 10



16-pole + ground Size 16



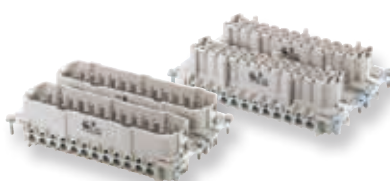
24-pole + ground Size 24



32-pole + ground Size 32



48-pole + ground Size 48



Description	Type	Part No.	P.U.
Contact inserts <i>revos</i> BASIC 500 V			
6-pole + ground			
Male insert with wire protection, Sn	BAS STS 6 2.5 50	70.310.0640.0	10
Male insert with wire protection, Ag	BAS STS 6 2.5 50 AG	70.310.0602.0	10
Male insert with wire protection, Au	BAS STS 6 2.5 50 AU	70.311.0640.0	10
Male insert without wire protection, Sn*	BAS STS OD 6 2.5 50	70.312.0640.0	10
Female insert with wire protection, Sn	BAS BUS 6 2.5 50	70.300.0640.0	10
Female insert with wire protection, Ag	BAS BUS 6 2.5 50 AG	70.300.0602.0	10
Female insert with wire protection, Au	BAS BUS 6 2.5 50 AU	70.301.0640.0	10
Female insert without wire protection, Sn*	BAS BUS OD 6 2.5 50	70.302.0640.0	10
Contact inserts <i>revos</i> BASIC 500 V			
10-pole + ground			
Male insert with wire protection, Sn	BAS STS 10 2.5 50	70.310.1040.0	10
Male insert with wire protection, Ag	BAS STS 10 2.5 50 AG	70.310.1002.0	10
Male insert with wire protection, Au	BAS STS 10 2.5 50 AU	70.311.1040.0	10
Male insert without wire protection, Sn*	BAS STS OD 10 2.5 50	70.312.1040.0	10
Female insert with wire protection, Sn	BAS BUS 10 2.5 50	70.300.1040.0	10
Female insert with wire protection, Ag	BAS BUS 10 2.5 50 AG	70.300.1002.0	10
Female insert with wire protection, Au	BAS BUS 10 2.5 50 AU	70.301.1040.0	10
Female insert without wire protection, Sn*	BAS BUS OD 10 2.5 50	70.302.1040.0	10
Contact inserts <i>revos</i> BASIC 500 V			
16-pole + ground			
Male insert with wire protection, Sn	BAS STS 16 2.5 50	70.310.1640.0	10
Male insert with wire protection, Ag	BAS STS 16 2.5 50 AG	70.310.1602.0	10
Male insert with wire protection, Au	BAS STS 16 2.5 50 AU	70.311.1640.0	10
Male insert without wire protection, Sn*	BAS STS OD 16 2.5 50	70.312.1640.0	10
Female insert with wire protection, Sn	BAS BUS 16 2.5 50	70.300.1640.0	10
Female insert with wire protection, Ag	BAS BUS 16 2.5 50 AG	70.300.1602.0	10
Female insert with wire protection, Au	BAS BUS 16 2.5 50 AU	70.301.1640.0	10
Female insert without wire protection, Sn*	BAS BUS OD 16 2.5 50	70.302.1640.0	10
Contact inserts <i>revos</i> BASIC 500 V			
24-pole + ground			
Male insert with wire protection, Sn	BAS STS 24 2.5 50	70.310.2440.0	10
Male insert with wire protection, Ag	BAS STS 24 2.5 50 AG	70.310.2402.0	10
Male insert with wire protection, Au	BAS STS 24 2.5 50 AU	70.311.2440.0	10
Male insert without wire protection, Sn*	BAS STS OD 24 2.5 50	70.312.2440.0	10
Female insert with wire protection, Sn	BAS BUS 24 2.5 50	70.300.2440.0	10
Female insert with wire protection, Ag	BAS BUS 24 2.5 50 AG	70.300.2402.0	10
Female insert with wire protection, Au	BAS BUS 24 2.5 50 AU	70.301.2440.0	10
Female insert without wire protection, Sn*	BAS BUS OD 24 2.5 50	70.302.2440.0	10
Contact inserts <i>revos</i> BASIC 500 V			
32-pole + ground			
Male insert with wire protection, Sn, marked 1-16, 17-32	BAS STS 32 2.5 50	70.310.3253.0	5
Male insert with wire protection, Ag, marked 1-16, 17-32	BAS STS 32 2.5 50 AG	70.310.3202.0	5
Female insert with wire protection, Sn, marked 1-16, 17-32	BAS BUS 32 2.5 50	70.300.3253.0	5
Female insert with wire protection, Ag, marked 1-16, 17-32	BAS BUS 32 2.5 50 AG	70.300.3202.0	5
Contact inserts <i>revos</i> BASIC 500 V			
48-pole + ground			
Male insert with wire protection, Sn, marked 1-24, 25-48	BAS STS 48 2.5 50	70.310.4840.0	5
Female insert with wire protection, Sn, marked 1-24, 25-48	BAS BUS 48 2.5 50	70.300.4840.0	5

Technical data

Rated voltage	500 V
Rated voltage according to UL/CSA	600 V
Rated impulse voltage	6 kV
Rated current	16 A
Degree of pollution	3

Rated cross section

EN 60999	0.5 – 2.5 mm ²
UL	20 – 12 AWG
CSA	20 – 12 AWG

Contacts

Material	Copper alloy
Surface	Sn, Ag, Au
Insulation strip length	7 mm
Contact resistance	≤ 1,5 mΩ
Mating cycles	Sn 200 / Ag, Au 500

Screws

Mounting screws	H1 / 0.5 – 0.7 Nm
Clamping screws	H1 / 0.5 – 0.7 Nm
Ground conductor screws	H2 / 1.2 – 1.6 Nm
Temperature range	-40 – +120 °C

Housing 500 V

Size	6/6H	Page 120–127
Size	10/10H	Page 132–149
Size	16/16H	Page 160–177
Size	24/24H	Page 188–205
Size	32	Page 216–217
Size	48	Page 218–221

* Preparation of the wire required: ferrule, ultrasonic welding for flexible cables