

RECTANGULAR CONNECTORS

Appliance connector



TYPE A EN 175301-803 (DIN 43650) / ISO 4400

Product description							
Description	appliance connector with retaining nut, 2 screws M 3 x 10 and 1 screw M 3 x 5, open nut	appliance connector with retaining nut, 2 screws M 3 x 10 and 1 screw M 3 x 4, longitudinal slots, open nut		appliance connector with retaining nut, without screws, longitudinal slots, closed nut	appliance connector with retaining nut, 2 screws M 3 x 10 and 1 screw M 3 x 5, open nut	molded appliance coupler (IP 65 enclosure) with 4 cross-head screws and solder lug for flexible cables	molded appliance coupler (IP 65 enclosure) with 4 cross-head screws and solder lug for flexible cables
Type	GSA 2000 N schwarz/black	GSA 3000 schwarz/black		GSA 3000 A schwarz/black	GSA 3000 N schwarz/black	GSA-U 2000 N LO schwarz/black	GSA-U 3000 N LO schwarz/black
Order No.	932 967-100	932 597-100		932 598-500	932 968-100	933 378-100	933 379-100
Number of contacts	2 + PE	3 + PE		3 + PE	3 + PE	2 + PE	3 + PE
Cable gland							
Standard	DIN EN 175 301-803-A	DIN EN 175 301-803-A		DIN EN 175 301-803-A	DIN EN 175 301-803-A	DIN EN 175 301-803-A	DIN EN 175 301-803-A
Housing Color	black	black		black	black	black	black
Construction type	A	A		A	A	A	A
Drawing							
Technical data							
Rated voltage	UC 400 V	UC 400 V		UC 400 V	UC 400 V	UC 400 V	UC 400 V
Rated current	16 A	16 A		16 A	16 A	16 A	16 A
Contact resistance	≤ 4 mOhm	≤ 4 mOhm		≤ 4 mOhm	≤ 4 mOhm	≤ 4 mOhm	≤ 4 mOhm
Type of termination	solder (earth contacts: screw)	solder, holes for possibility of soldering on both sides (earth contacts: screw)		solder, holes for possibility of soldering on both sides (earth contacts: screw)	solder (earth contacts: screw)	solder	solder
Mounting	screw	screw		screw	screw	screw	screw
Material							
Contact surface material	Sn	Sn		Sn	Sn	Sn	Sn
Contact bearer material	PA	PA		PA	PA	PA	PA
Housing material	PA	PA		PA	PA	PA	PA
Environmental conditions							
Protection class (IEC 60529)	IP 65 (gasket necessary) (mated)	IP 65 (gasket necessary) (mated)		IP 65 (gasket necessary) (mated)	IP 65 (gasket necessary) (mated)	IP 65 (gasket necessary)	IP 65 (gasket necessary)
Pollution severity	3	3		3	3	3	3
Temperature range	-40 °C to +125 °C	-40 °C to +125 °C		-40 °C to +125 °C	-40 °C to +125 °C	-40 °C to +125 °C	-40 °C to +125 °C
Inflammability class							
Contact bearer	94 V-0	94 V-0		94 V-0	94 V-0	94 V-0	94 V-0
Approvals							
UR	UR	UR		UR	UR	UR	UR
VDE	VDE	VDE		VDE	VDE		
SEV	SEV			SEV	SEV		
CSA	CSA	CSA		CSA	CSA		
Packaging unit							
Packaging unit	200 pieces	200 pieces		200 pieces	200 pieces	200 pieces	200 pieces
Scope of delivery and accessories							
Accessories to order separately	(NBR) flat gasket GSA 200-4, Order no. 730 843-002; (ECO) flat gasket GSA 200-7, Order no. 730 268-002	(NBR) flat gasket GSA 200-4, Order no. 730 843-002; (ECO) flat gasket GSA 200-7, Order no. 730 268-002		(NBR) flat gasket GSA 200-4, Order no. 730 843-002; (ECO) flat gasket GSA 200-7, Order no. 730 268-002	(NBR) flat gasket GSA 200-4, Order no. 730 843-002; (ECO) flat gasket GSA 200-7, Order no. 730 268-002	(NBR) flat gasket GSA 200-4, Order no. 730 843-002; (ECO) flat gasket GSA 200-7, Order no. 730 268-002	(NBR) flat gasket GSA 200-4, Order no. 730 843-002; (ECO) flat gasket GSA 200-7, Order no. 730 268-002