

RECTANGULAR CONNECTORS

Appliance connector



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

Product 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 3000 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.	912 967-100		912 507-100		912 598-000		912 868-100		913 178-100		913 179-100	
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	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 mΩ/m		≤ 4 mΩ/m		≤ 4 mΩ/m		≤ 4 mΩ/m		≤ 4 mΩ/m		≤ 4 mΩ/m	
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	Sn		Sn		Sn		Sn		Sn		Sn	
Contact surface material	PA		PA		PA		PA		PA		PA	
Contact breaker material	PA		PA		PA		PA		PA		PA	
Housing material	PA		PA		PA		PA		PA		PA	
Environmental conditions	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	94 V-0		94 V-0		94 V-0		94 V-0		94 V-0		94 V-0	
Contact breaker	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	
VDE	VDE		VDE		VDE		VDE		VDE		VDE	
SEV	SEV		SEV		SEV		SEV		SEV		SEV	
CSA	CSA		CSA		CSA		CSA		CSA		CSA	
Packaging unit	200 pieces		200 pieces		200 pieces		200 pieces		200 pieces		200 pieces	
Scope of delivery and accessories	Accessories to order separately		Accessories to order separately		Accessories to order separately		Accessories to order separately		Accessories to order separately		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	