

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	