

RECTANGULAR CONNECTORS



Appliance connector



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

Product description							
Description	molded appliance coupler (IP 65 enclosure) with 4 cross-head screws and insulation displacement contact (without solder/screw)	appliance connector with retaining nut, PE contact, 2 screws M 3 x 10 and 1 screw M 3 x 5, without contacts		appliance connector for installation in sheet metal, rotating round collar, retaining nut and 4 screws M 3 x 6	appliance connector for installation in sheet metal, rotating round collar, retaining nut and 4 screws M 3 x 6	appliance connector for injection molding (IP 65 unmated) with solder lug for flexible cables	appliance connector for injection molding (IP 65 unmated) with solder lug for flexible cables
Type	GSA-U 3075 SK schwarz/black	GSC 300 schwarz/black		GSE 2000 N4 schwarz/black	GSE 3000 N4 schwarz/black	GSR-U 2000 LO schwarz/black	GSR-U 3000 LO schwarz/black
Order No.	933 381-100	931 382-100		932 886-100	932 890-100	933 377-100	933 376-100
Number of contacts	3 + PE	2 + PE / 3 + PE		2 + 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	insulation displacement contact(0.75 mm ²), wire diameter incl. insulation max. 2.4 mm	crimp (earth contacts: screw)		solder	solder	solder	solder
Mounting	screw	screw		screw	screw	for molding	for molding
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)	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 HB		94 HB	94 HB	94 V-0	94 V-0
Approvals							
UR	UR					UR	UR
VDE		VDE		VDE	VDE		
SEV		SEV		SEV	SEV		
CSA							
Packaging unit							
Packaging unit	200 pieces	100 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; crimping contact RMC 480, Order no. 731 470-021; crimping pliers XZC 0702, Order no. 932 507-009		(NBR) flat gasket GSE 2000-2, Order no. 733 973-002; (ECO) flat gasket GSE 2000-3, Order no. 733 846-002	(NBR) flat gasket GSE 2000-2, Order no. 733 973-002; (ECO) flat gasket GSE 2000-3, Order no. 733 846-002		