

RECTANGULAR CONNECTORS

Cable socket, self-assembly



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

Product description		cable socket with central screw M 3 x 35		cable socket with central screw M 3 x 35		cable socket with central screw M 3 x 35		cable socket with central screw M 3 x 35		cable socket with central screw M 3 x 35		cable socket with central screw M 3 x 35		cable socket with central screw M 3 x 35		cable socket with central screw M 3 x 35		cable socket with central screw M 3 x 35	
Description		GDM 2014 schwarz/black		GDM 3016 schwarz/black		GDM 3009 schwarz/black		GDM 3011 schwarz/black		GDM 3011 schwarz/black		GDM 3011 schwarz/black		GDM 3011 schwarz/black		GDM 3011 schwarz/black		GDM 3011 schwarz/black	
Type		932 107-100		934 395-100		934 395-100		931 969-100		932 214-100		931 952-100		932 109-100		932 109-100		932 109-100	
Other standard types				Grey housing, Order no. 934 395-106		Grey housing, Order no. 931 969-106		Grey housing, Order no. 931 952-106		Grey housing, Order no. 931 952-106		Grey housing, Order no. 931 952-106		Grey housing, Order no. 931 952-106		Grey housing, Order no. 931 952-106		Grey housing, Order no. 931 952-106	
Number of contacts		2 + PE		3 + PE		3 + PE		3 + PE		3 + PE		3 + PE		3 + PE		3 + PE		3 + PE	
Cable gland		ISO 228 - G 1/2 (R 1/2)		M 16		PG 9		PG 9		PG 9		PG 11		PG 11		PG 11		PG 11	
Conductor size		max. 1.5 mm ²		max. 1.5 mm ²		max. 1.5 mm ²		max. 1.5 mm ²		max. 1.5 mm ²		max. 1.5 mm ²		max. 1.5 mm ²		max. 1.5 mm ²		max. 1.5 mm ²	
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		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		black		black		black	
Construction type		A		A		A		A		A		A		A		A		A	
Drawing																			
Technical data		6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm		6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm		6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm		6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm		6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm		6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm		6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm		6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm		6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm	
Pin dimensions		UC 250 V		UC 250 V		UC 250 V		UC 250 V		UC 250 V		UC 250 V		UC 250 V		UC 250 V		UC 250 V	
Rated voltage		16 A		16 A		16 A		16 A		16 A		16 A		16 A		16 A		16 A	
Rated current		16 A		16 A		16 A		16 A		16 A		16 A		16 A		16 A		16 A	
Type of termination		screw / cable shoe / cable eye		screw / cable shoe / cable eye		screw / cable shoe / cable eye		screw / cable shoe / cable eye		screw / cable shoe / cable eye		screw / cable shoe / cable eye		screw / cable shoe / cable eye		screw / cable shoe / cable eye		screw / cable shoe / cable eye	
Suitable cables		6 mm to 13 mm diameter		6 mm to 10 mm diameter		6 mm to 7 mm diameter		4.5 mm to 7 mm diameter		4.5 mm to 7 mm diameter		4.5 mm to 9 mm diameter		4.5 mm to 11 mm diameter		4.5 mm to 11 mm diameter		4.5 mm to 11 mm diameter	
Mounting		central nut		central nut		central nut		central nut		central nut		central nut		central nut		central nut		central nut	
Material		Sn		Sn		Sn		Sn		Sn		Sn		Sn		Sn		Sn	
Contact surface material		PA		PA		PA		PA		PA		PA		PA		PA		PA	
Contact bearer material		PA		PA		PA		PA		PA		PA		PA		PA		PA	
Housing material		PA		PA		PA		PA		PA		PA		PA		PA		PA	
Environmental conditions		IP 65 (gasket necessary)		IP 65 (gasket necessary)		IP 65 (gasket necessary)		IP 65 (gasket necessary)		IP 65 (gasket necessary)		IP 65 (gasket necessary)		IP 65 (gasket necessary)		IP 65 (gasket necessary)		IP 65 (gasket necessary)	
Protection class (IEC 60529)		3		3		3		3		3		3		3		3		3	
Pollution severity		-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		-40 °C to +125 °C		-40 °C to +125 °C		-40 °C to +125 °C	
Temperature range		Inflammability class		Inflammability class		Inflammability class		Inflammability class		Inflammability class		Inflammability class		Inflammability class		Inflammability class		Inflammability class	
Housing		94 V0		94 V0		94 V0		94 V0		94 V0		94 V0		94 V0		94 V0		94 V0	
Contact holder		94 V0		94 V0		94 V0		94 V0		94 V0		94 V0		94 V0		94 V0		94 V0	
Approvals		ULP		ULP		ULP		ULP		ULP		ULP		ULP		ULP		ULP	
VDE		SEV		SEV		SEV		SEV		SEV		SEV		SEV		SEV		SEV	
CSA		CSA		CSA		CSA		CSA		CSA		CSA		CSA		CSA		CSA	
GL		GL		GL		GL		GL		GL		GL		GL		GL		GL	
Packaging unit		200 pieces		200 pieces		200 pieces		200 pieces		200 pieces		200 pieces		200 pieces		200 pieces		200 pieces	
Scope of delivery and accessories		(NBR) flat gasket GDM 3-7, (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001		(NBR) flat gasket GDM 3-7, (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001		(NBR) flat gasket GDM 3-7, (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001		(NBR) flat gasket GDM 3-7, (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001		(NBR) flat gasket GDM 3-7, (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001		(NBR) flat gasket GDM 3-7, (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001		(NBR) flat gasket GDM 3-7, (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001		(NBR) flat gasket GDM 3-7, (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001		(NBR) flat gasket GDM 3-7, (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001	

RECTANGULAR CONNECTORS

Cable socket, self-assembly



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

Product description		cable socket with central screw M 3 x 35		cable socket with central screw M 3 x 30, contacts silvered		cable socket with central screw M 3 x 35		cable socket with central screw M 3 x 35		cable socket not assembled, with central screw M 3 x 35 for junior-power-liner contacts, without contacts		cable socket with central screw M 3 x 35 and 4 crimp contacts RBC 630	
Description		cable socket with central screw M 3 x 35		cable socket with central screw M 3 x 35		cable socket with central screw M 3 x 35		cable socket with central screw M 3 x 35		cable socket not assembled, with central screw M 3 x 35 for junior-power-liner contacts, without contacts		cable socket with central screw M 3 x 35 and 4 crimp contacts RBC 630	
Type		GDM 3012 J schwarz/black		GDM 3014 J schwarz/black		GDM 3009 schwarz/black		GDMC 3016 schwarz/black		GDMC 010 JPT schwarz/black		GDMC 3011 schwarz/black	
Order No.		932 519-100		932 110-100		933 944-100		934 398-100		934 397-100		931 963-100	
Other standard types								grey housing, Order no. 934 398-106					
Number of contacts		3 + PE		3 + PE		3 + PE		3 + PE		2 + PE / 3 + PE		2 + PE / 3 + PE	
Cable gland		1/2" NPTF		ISO 228-G 1/2 (R 1/2)		PG 16		PG 16		M 16		PG 9/11	
Conductor size		max. 1.5 mm ²		max. 1.5 mm ²		max. 1.5 mm ²		max. 1.5 mm ²		max. 2.5 mm ²		max. 1.5 mm ²	
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													
Pin dimensions		6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm		6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm		6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm		6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm		6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm		6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm	
Rated voltage		UC 250 V		UC 250 V		UC 250 V		UC 250 V		UC 250 V		UC 250 V	
Rated current		16 A		16 A		10 A		16 A		12 A		16 A	
Contact resistance		≤ 4 mΩhm		≤ 4 mΩhm		≤ 4 mΩhm		≤ 4 mΩhm		≤ 4 mΩhm		≤ 4 mΩhm	
Type of termination		screw / cable shoe / cable eye		screw / cable shoe / cable eye		screw		crimp		crimp		crimp	
Suitable cables		4 mm to 11 mm diameter		6 mm to 13 mm diameter		6 mm to 7 mm diameter		4.5 mm to 10 mm diameter		4.5 mm to 10 mm diameter		4.5 mm to 11 mm diameter	
Mounting		central nut		central nut		central nut		central nut		central nut		central nut	
Material		Sn		Sn		Sn contacts silvered		Sn		Sn		Sn	
Contact surface material		PA		PA		PA		PA		PA		PA	
Contact bearer material		PA		PA		PA		PA		PA		PA	
Housing material		PA		PA		PA		PA		PA		PA	
Flammability class		IP 65 (gasket necessary)		IP 65 (gasket necessary)		IP 65 (gasket necessary)		IP 65 (gasket necessary)		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 V0		94 V0		94 V0		94 V0		94 V0		94 V0	
Housing		94 V0		94 V0		94 V0		94 V0		94 V0		94 V0	
Contact bearer		94 V0		94 V0		94 V0		94 V0		94 V0		94 V0	
Approvals		UR		UR		UR		UR		UR		UR	
VDE		VDE		VDE		VDE		VDE		VDE		VDE	
SEV		CSA		CSA		CSA		CSA		CSA		CSA	
GL		GL		GL		GL		GL		GL		GL	
Packaging unit		200 pieces		200 pieces		200 pieces		200 pieces		200 pieces		200 pieces	
Accessories to order separately		NBB flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 365-001		NBB flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 365-001		NBB flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 365-001		NBB flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 365-001		NBB flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 365-001		NBB flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 365-001	