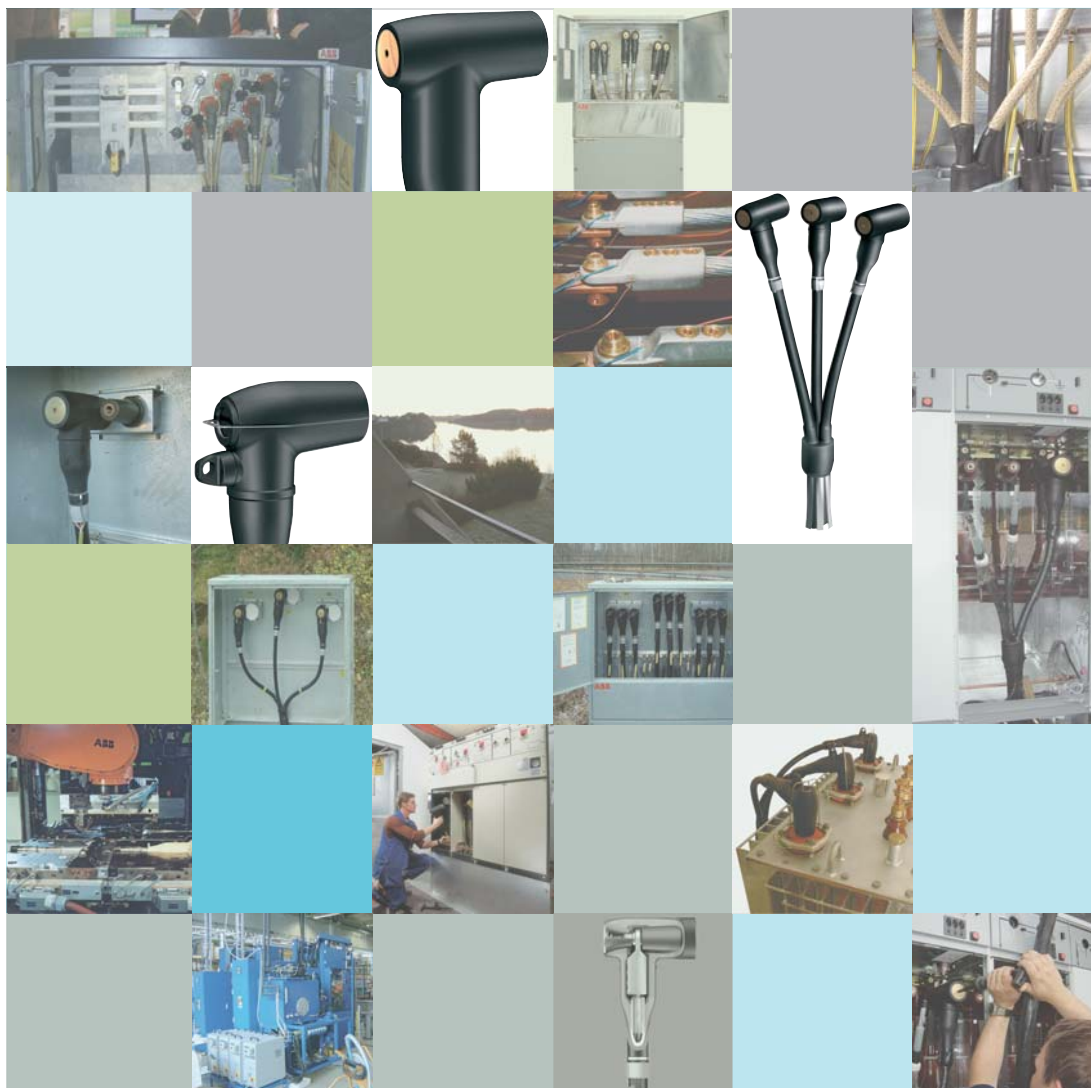


Kabeldon premoulded screened separable cable connectors for XLPE-cables 12-24 kV, type SOC

- 1-core cables with Cu-tape screen
- 3-core cables with Cu-tape screen and armouring



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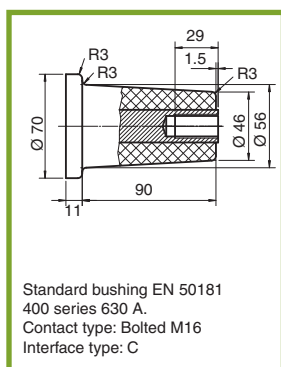
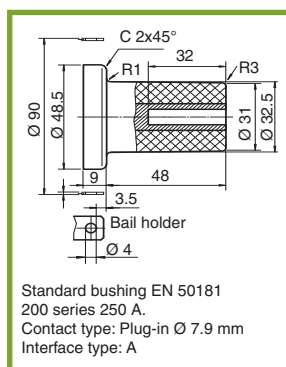


Premoulded cable connector made of rubber in three layers: inner conductive layer, insulating layer and outer conductive layer. The connector meets the requirements for being touch-proof.

Can be installed indoors as well as outdoors.
Supplied complete with screw connector for the conductor.

The kits includes copper braids and constant force springs for connection of the copper tape screen to earth. One kit includes material for three single core ends.

Fits to standard bushings below:



Kits for 1-core cables with Cu-tape screen

Instructions:

Choose cable size, voltage level and current value (250 A or 630 A) in the upper table.

The number gives the second part of the Article No. for the correct type of accessory for the choice made.

Accessories are specified in the lower table.

Example:

1 x 240 mm² 17.5 kV cable 630 A, connector, gives number 1143 which stands for:

Article No. 6234,1143 = SOC 630-2 T



Cable size mm ²	12 kV		17.5 kV		24 kV	
	250 A	630 A	250 A	630 A	250 A	630 A
25	1138	—	1138	—	1139	—
35	1138	—	1138	—	1139	—
50	1138	1140	1138	1140	1139	1141
70	1138	1140	1138	1140	1139	1141
95	1138	1140	1138	1140	1139	1141
120	—	1140	—	1141	—	1141
150	—	1142	—	1142	—	1143
185	—	1142	—	1142	—	1143
240	—	1142	—	1143	—	1143
300	—	1143	—	1143	—	1143
400	—	1144	—	1144	—	1144
500	—	1145	—	1145	—	1145
630	—	1146	—	1146	—	1146

Type	Article No. 6234,	Designation	Diameter over insulation Ø	Size of copper braid mm ²	Picture
250 A Plug-in	1138	SOC 250 TPR	12.9 - 25.8	10	A
250 A Plug-in	1139	SOC 250 TPS	12.9 - 25.8	22	A
630 A M16 bolt	1140	SOC 630-1 R	15 - 26.8	10	B
630 A M16 bolt	1141	SOC 630-1 S	15 - 26.8	22	B
630 A M16 bolt	1142	SOC 630-2 S	21.4 - 34.9	22	B
630 A M16 bolt	1143	SOC 630-2 T	21.4 - 34.9	22	B
630 A M16 bolt	1144	SOC 630-3 U	31.5 - 42	35	C
630 A M16 bolt	1145	SOC 630-4 U	31.5 - 42	35	C
630 A M16 bolt	1146	SOC 630-5 U	40 - 46	35	C

Kits for 3-core cables with Cu-tape screen and armouring

Instructions:

Choose cable size, voltage level and current value (250 A or 630 A) in the upper table.

The number gives the second part of the Article No. for the correct type of accessory for the choice made.

Accessories are specified in the lower table.

Example:

3 x 240 mm² 17.5 kV cable 630 A, connector, gives number 1137 which stands for:

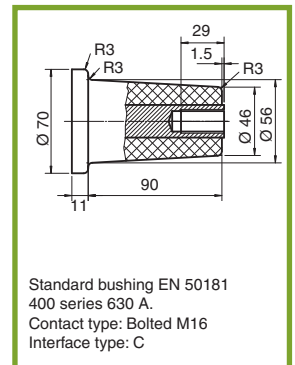
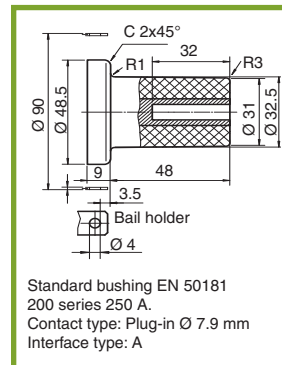
Article No. 6234,1137 = SOC 630-2 TB

Premoulded cable connector made of rubber in three layers: inner conductive layer, insulating layer and outer conductive layer. The connector meets the requirements for being touch-proof.

Can be installed indoors as well as outdoors. Supplied complete with screw connector for the conductor.

The kits includes copper braids and constant force springs for connection of the copper tape screen to earth. One kit includes crutch seal and protective hoses of heat shrink type.

Fits to standard bushings below:



Cable size mm ²	12 kV		17.5 kV		24 kV	
	250 A	630 A	250 A	630 A	250 A	630 A
25	1130	–	1130	–	1132	–
35	1130	–	1130	–	1132	–
50	1130	1133	1131	1134	1132	1135
70	1131	1134	1131	1134	1132	1135
95	1131	1134	1131	1134	1132	1135
120	–	1134	–	1135	–	1135
150	–	1136	–	1136	–	1137
185	–	1136	–	1136	–	1137
240	–	1136	–	1137	–	1137
300	–	1137	–	1137	–	1137



Type	Article No. 6234,	Designation	Diameter over insulation Ø	Diameter over outer jacket Ø	Maximum length* L mm	Size of copper braid mm ²	Picture
250 A Plug-in	1130	SOC 250 TPRA	12.9 - 25.8	24 - 60	1370	3 x 10	D
250 A Plug-in	1131	SOC 250 TPRB	12.9 - 25.8	48 - 110	1370	3 x 10	D
250 A Plug-in	1132	SOC 250 TPSB	12.9 - 25.8	48 - 110	1370	3 x 22	D
630 A M16 Bolt	1133	SOC 630-1 RA	15 - 26.8	24 - 60	1410	3 x 10	E
630 A M16 Bolt	1134	SOC 630-1 RB	15 - 26.8	48 - 110	1410	3 x 10	E
630 A M16 Bolt	1135	SOC 630-1 SB	15 - 26.8	48 - 110	1410	3 x 22	E
630 A M16 Bolt	1136	SOC 630-2 SB	21.4 - 34.9	48 - 110	1410	3 x 22	E
630 A M16 Bolt	1137	SOC 630-2 TB	21.4 - 34.9	48 - 110	1410	3 x 22	E

* Maximum length including connector measured from the crutch of the cable to the centre of the bushing.





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