

Line connection points

Fixed ball points are suitable for phase connection points and busbars

Fixed ball point with female thread

Material of straight ball bin: E-Cu, tinned

Material of angle ball pin: CuCr, tinned



Ø [mm]	Thread	Rated values I _r [kA]/tr = 1 s	Order no.
20	M10	18.7	63-0101-002
20	M12	18.7	63-0101-001
25	M12	23.7	63-0101-003
25	M16	29.6	63-0101-004



Ø [mm]	Thread	Rated values I _r [kA]/tr = 1 s	Order no.
20	M12	13.8	63-0103-001
25	M12	23.7	63-0103-002
25	M16	29.6	63-0103-003

Ball point with steel grub screw

Material of straight ball bin: E-Cu, tinned

Material of angle ball pin: CuCr, tinned



Ø [mm]	Thread	Rated values I _r [kA]/tr = 1 s	Order no.
20	M10 x 30	18.7	63-0102-002
20	M12 x 30	18.7	63-0102-001
25	M12 x 30	23.7	63-0102-003
25	M16 x 45	29.6	63-0102-004



Ø [mm]	Thread	Rated values I _r [kA]/tr = 1 s	Order no.
20	M12 x 30	13.8	63-0104-001
25	M12 x 30	23.7	63-0104-002
25	M16 x 45	29.6	63-0104-003

T-connection bolts

Material: E-Cu, tinned

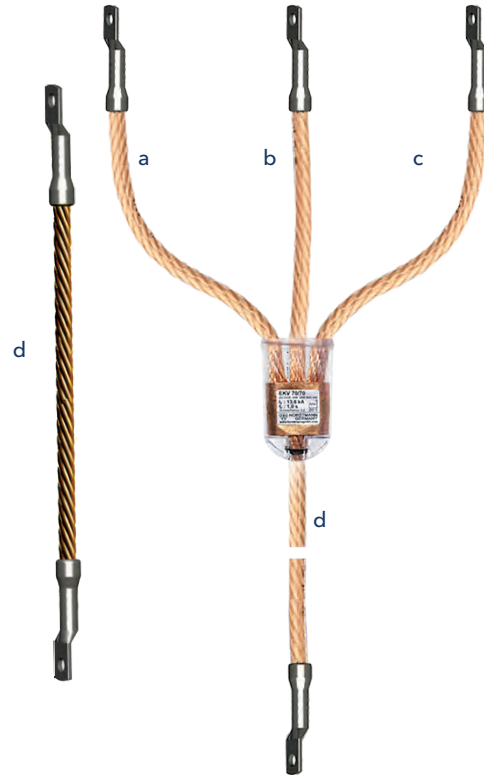


Ø [mm]	Thread	Rated values I _r [kA]/tr = 1 s	Order no.
15	M12	13.8	63-0106-001
15	M12 x 30	13.8	63-0106-002

Order | inquiry

Earthing and short-circuiting devices

Order no.		Inquiry no	
Short-circuit cable (a/b/c)			
Cable cross section (mm ²):			
Length a:			
Length b:			
Length c:			
Mounting phase cable:			
Earthing cable (d)			
Cable cross section (mm ²):			
Length d:			
Mounting earth cable:			
Quantity:			
Date of delivery:			



Lengths of earthing and short-circuit cables have to fit to the switchgear and the distances between the connection points (min 1.2 times of the distance). If the cables are too long (> 1.5 times of the distance) they must be fixed with an insulating cable to prevent damages and injuries in case of a short-circuit.

Company	
Contact person	
Department	
Street	
Postcode/City	
Stamp/Date/Signature	Phone/Fax

An order is made exclusively by the terms and conditions of Dipl.-Ing. H. Horstmann GmbH.