

Single-pole Earthing and Short-circuiting Devices

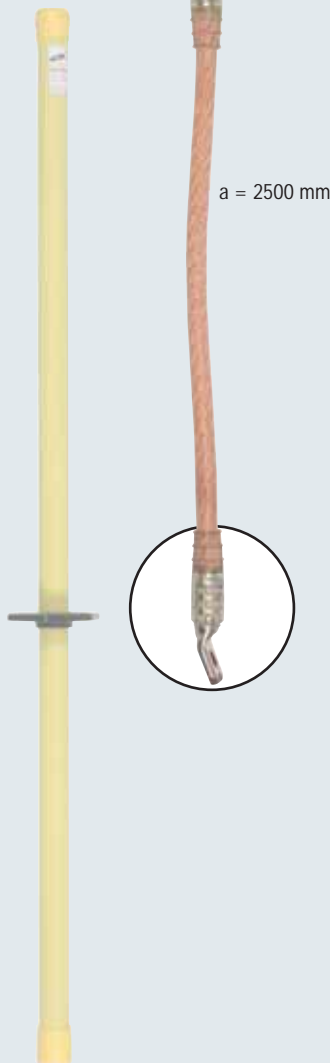
SAFETY EQUIPMENT

EARTHING AND SHORT-CIRCUITING DEVICES

IEC/EN 61230 (DIN VDE 0683 Part 100)

Phase connecting component

Ball head cap, rigid, hexagon shaft



Fixed ball point Ø	Cable cross section	Max. short-circuit current I_k 1 s
20 mm	25 mm ²	4.9 kA
20 mm	35 mm ²	6.9 kA
20 mm	50 mm ²	9.9 kA
20 mm	70 mm ²	13.8 kA
20 mm	95 mm ²	18.7 kA
20 mm	120 mm ²	23.7 kA
25 mm	95 mm ²	18.7 kA
25 mm	120 mm ²	23.7 kA
25 mm	150 mm ²	29.6 kA



Fixed ball point Ø	Cable cross section	Max. short-circuit current I_k 1 s
20 mm	25 mm ²	4.9 kA
20 mm	35 mm ²	6.9 kA
20 mm	50 mm ²	9.9 kA
20 mm	70 mm ²	13.8 kA
20 mm	95 mm ²	18.7 kA
20 mm	120 mm ²	23.7 kA
25 mm	95 mm ²	18.7 kA
25 mm	120 mm ²	23.7 kA

Earth connecting components



772 312/772 322



772 313/772 323



790 150

Part No.	Part No.	Part No.
725 025	725 044	725 046
735 025	735 044	735 046
750 025	750 044	750 046
770 025	770 044	770 046
794 025	794 044	794 046
711 025	711 044	711 046
795 025	795 044	795 046
712 025	712 044	712 046
715 025	715 044	715 046



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792 030

Part No.	Part No.
725 045	725 048
735 045	735 048
750 045	750 048
770 045	
794 045*)	
711 045*)	
794 048*)	
712 045*)	

*) Earth side for fixed ball points only

Other cable lengths and earthing clamps available on request.
Earthing rod not included in delivery.

SAFETY EQUIPMENT

Single-pole Earthing and Short-circuiting Devices

EARTHING AND SHORT-CIRCUITING DEVICES

IEC/EN 61230 (DIN VDE 0683 Part 100)

Phase connecting component

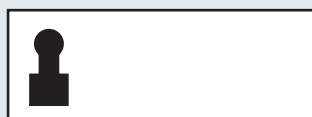
Ball head cap, rigid,
T pin shaft

772 312/772 322

772 313/772 323

790 150

Fixed ball point Ø	Cable cross section	Max. short-circuit current I_k 1 s	Part No.	Part No.	Part No.
20 mm	25 mm ²	4.9 kA	725 031	725 053	725 050
20 mm	35 mm ²	6.9 kA	735 031	735 053	735 050
20 mm	50 mm ²	9.9 kA	750 031	750 053	750 050
20 mm	70 mm ²	13.8 kA	770 031	770 053	770 050
20 mm	95 mm ²	18.7 kA	794 031	794 053	794 050
20 mm	120 mm ²	23.7 kA	711 031	711 053	711 050
25 mm	95 mm ²	18.7 kA	795 031	795 053	795 050
25 mm	120 mm ²	23.7 kA	712 031	712 053	712 050
25 mm	150 mm ²	29.6 kA	715 031	715 053	715 050



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792 030

Fixed ball point Ø	Cable cross section	Max. short-circuit current I_k 1 s	Part No.	Part No.
20 mm	25 mm ²	4.9 kA	725 049	725 052
20 mm	35 mm ²	6.9 kA	735 049	735 052
20 mm	50 mm ²	9.9 kA	750 049	750 052
20 mm	70 mm ²	13.8 kA	770 049	
20 mm	95 mm ²	18.7 kA	794 049*)	
20 mm	120 mm ²	23.7 kA	711 049*)	
25 mm	95 mm ²	18.7 kA	794 052*)	
25 mm	120 mm ²	23.7 kA	712 049*)	

*) Earth side for fixed ball points only

Other cable lengths and earthing clamps available on request.
Earthing rod not included in delivery.

a = 2500 mm



Single-pole Earthing and Short-circuiting Devices

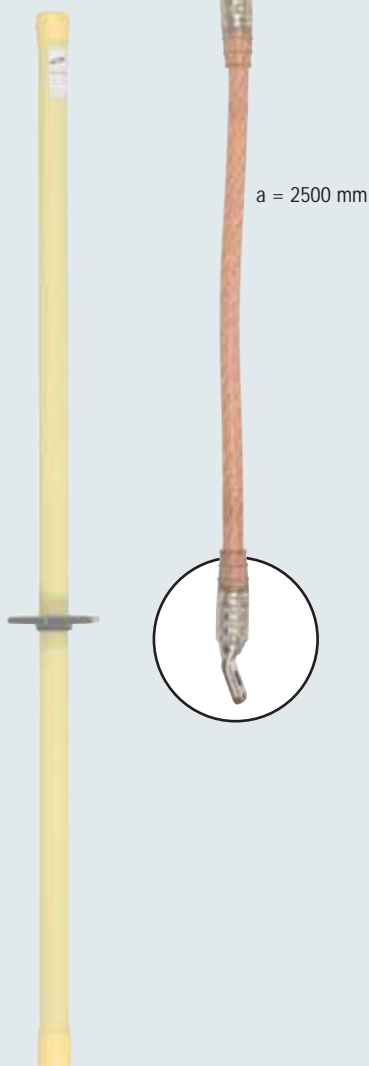
SAFETY EQUIPMENT

EARTHING AND SHORT-CIRCUITING DEVICES

IEC/EN 61230 (DIN VDE 0683 Part 100)

Phase connecting component

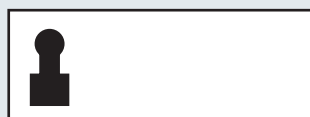
**Ball head cap,
adjustable (4 x 90°),
hexagon shaft**



a = 2500 mm



Fixed ball point Ø	Cable cross section	Max. short-circuit current I_k 1 s
20 mm	25 mm ²	4.9 kA
20 mm	35 mm ²	6.9 kA
20 mm	50 mm ²	9.9 kA
20 mm	70 mm ²	13.8 kA
20 mm	95 mm ²	18.7 kA
20 mm	120 mm ²	23.7 kA
25 mm	95 mm ²	18.7 kA
25 mm	120 mm ²	23.7 kA
25 mm	150 mm ²	29.6 kA



Fixed ball point Ø	Cable cross section	Max. short-circuit current I_k 1 s
20 mm	25 mm ²	4.9 kA
20 mm	35 mm ²	6.9 kA
20 mm	50 mm ²	9.9 kA
20 mm	70 mm ²	13.8 kA
20 mm	95 mm ²	18.7 kA
20 mm	120 mm ²	23.7 kA
25 mm	95 mm ²	18.7 kA
25 mm	120 mm ²	23.7 kA

Earth connecting components



772 312/772 322



772 313/772 323



790 150

Part No.	Part No.	Part No.
725 325	725 068	725 061
735 325	735 068	735 061
750 325	750 068	750 061
770 325	770 068	770 061
794 325	794 068	794 061
711 325	711 068	711 061
795 325	795 068	795 061
712 325	712 068	712 061
715 325	715 068	715 061



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792 030

Part No.	Part No.
725 060	725 063
735 060	735 063
750 060	750 063
770 060	
794 060*)	
711 060*)	
795 060*)	
712 060*)	

*) Earth side for fixed ball points only

Other cable lengths and earthing clamps available on request.
Earthing rod not included in delivery.

SAFETY EQUIPMENT

Single-pole Earthing and Short-circuiting Devices

EARTHING AND SHORT-CIRCUITING DEVICES

IEC/EN 61230 (DIN VDE 0683 Part 100)

Phase connecting component

Earth connecting components



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772 313/772 323



790 150

Fixed ball point Ø	Cable cross section	Max. short-circuit current I_k 1 s	Part No.	Part No.	Part No.
20 mm	25 mm ²	4.9 kA	725 331	725 069	725 065
20 mm	35 mm ²	6.9 kA	735 331	735 069	735 065
20 mm	50 mm ²	9.9 kA	750 331	750 069	750 065
20 mm	70 mm ²	13.8 kA	770 331	770 069	770 065
20 mm	95 mm ²	18.7 kA	794 331	794 069	794 065
20 mm	120 mm ²	23.7 kA	711 331	711 069	711 065
25 mm	95 mm ²	18.7 kA	795 331	795 069	795 065
25 mm	120 mm ²	23.7 kA	712 331	712 069	712 065
25 mm	150 mm ²	29.6 kA	715 331	715 069	715 065

**Ball head cap,
adjustable (4 x 90°),
T pin shaft**



a = 2500 mm



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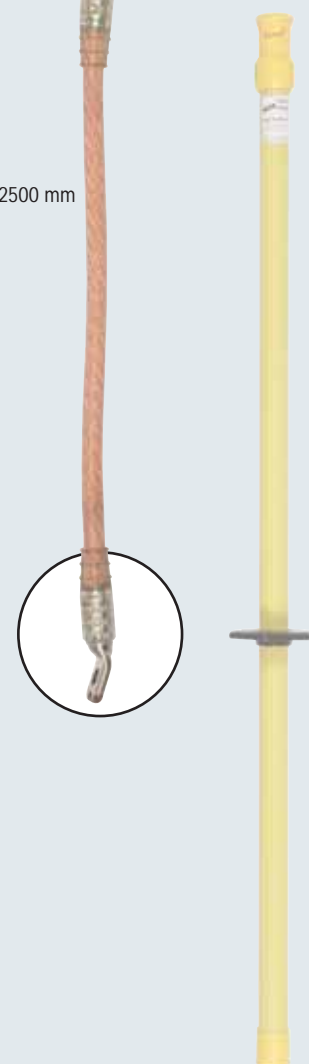


792 030

Fixed ball point Ø	Cable cross section	Max. short-circuit current I_k 1 s	Part No.	Part No.
20 mm	25 mm ²	4.9 kA	725 064	725 067
20 mm	35 mm ²	6.9 kA	735 064	735 067
20 mm	50 mm ²	9.9 kA	750 064	750 067
20 mm	70 mm ²	13.8 kA	770 064	
20 mm	95 mm ²	18.7 kA	794 064*)	
20 mm	120 mm ²	23.7 kA	711 064*)	
25 mm	95 mm ²	18.7 kA	795 064*)	
25 mm	120 mm ²	23.7 kA	712 064*)	

*) Earth side for fixed ball points only

Other cable lengths and earthing clamps available on request.
Earthing rod not included in delivery.



Single-pole Earthing and Short-circuiting Devices

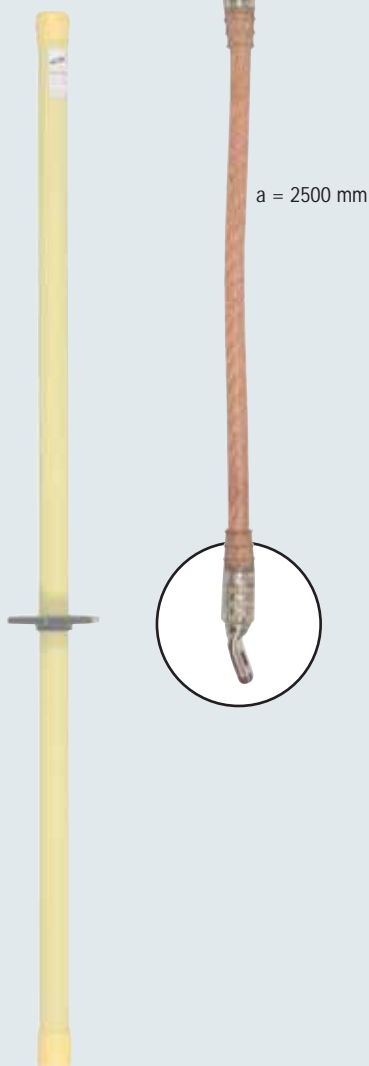
SAFETY EQUIPMENT

EARTHING AND SHORT-CIRCUITING DEVICES

IEC/EN 61230 (DIN VDE 0683 Part 100)

Phase connecting component

Universal clamp, clamping range 20 mm, hexagon shaft



Fixed ball point Ø	Phase T pin Collar width	Rd / FI Clamping range	Cable cross section	Max. short-circuit current I_k 1 s
20 mm	11 mm	20 mm	25 mm ²	4.9 kA
20 mm	11 mm	20 mm	35 mm ²	6.9 kA
20 mm	11 mm	20 mm	50 mm ²	9.9 kA
20 mm	11 mm	20 mm	70 mm ²	13.8 kA
20 mm	11 mm	— mm	95 mm ²	18.7 kA
20 mm	— mm	— mm	120 mm ²	23.7 kA

*) Earth side for fixed ball points only

Earth connecting components



774 030



774 230

Part No.	Part No.
725 103	725 106
735 103	735 106
750 103	750 106
770 103	770 106
795 103*)	795 106*)
712 103*)	712 106*)



Fixed ball point Ø	Phase T pin Collar width	Rd / FI Clamping range	Cable cross section	Max. short-circuit current I_k 1 s
20 mm	11 mm	20 mm	25 mm ²	4.9 kA
20 mm	11 mm	20 mm	35 mm ²	6.9 kA
20 mm	11 mm	20 mm	50 mm ²	9.9 kA
20 mm	11 mm	20 mm	70 mm ²	13.8 kA
20 mm	11 mm	— mm	95 mm ²	18.7 kA



792 030



792 190

Part No.	Part No.
725 101	725 104
735 101	735 104
750 101	750 104
	770 104
	795 104



Fixed ball point Ø	Phase T pin Collar width	Rd / FI Clamping range	Cable cross section	Max. short-circuit current I_k 1 s
20 mm	11 mm	20 mm	25 mm ²	4.9 kA
20 mm	11 mm	20 mm	35 mm ²	6.9 kA
20 mm	11 mm	20 mm	50 mm ²	9.9 kA
20 mm	11 mm	20 mm	70 mm ²	13.8 kA
20 mm	11 mm	— mm	95 mm ²	18.7 kA
20 mm	— mm	— mm	120 mm ²	23.7 kA



790 150

Part No.
725 105
735 105
750 105
770 105
795 105
712 105

Other cable lengths and earthing clamps available on request.
Earthing rod not included in delivery.

SAFETY EQUIPMENT

Single-pole Earthing and Short-circuiting Devices

EARTHING AND SHORT-CIRCUITING DEVICES

IEC/EN 61230 (DIN VDE 0683 Part 100)

Phase connecting component

Earth connecting components



774 030



774 230

**Universal clamp,
clamping range 20 mm,
T pin shaft**



Fixed ball point Ø	Phase T pin Collar width	Rd / FI Clamping range	Cable cross section	Max. short-circuit current I_k 1 s	Part No.	Part No.
20 mm	11 mm	20 mm	25 mm ²	4.9 kA	725 110	725 114
20 mm	11 mm	20 mm	35 mm ²	6.9 kA	735 110	735 114
20 mm	11 mm	20 mm	50 mm ²	9.9 kA	750 110	750 114
20 mm	11 mm	20 mm	70 mm ²	13.8 kA	770 110	770 114
20 mm	11 mm	— mm	95 mm ²	18.7 kA	795 110 [*]	795 114 [*]
20 mm	— mm	— mm	120 mm ²	23.7 kA	712 110 [*]	712 114 [*]

*) Earth side for fixed ball points only



792 030



792 190

Fixed ball point Ø	Phase T pin Collar width	Rd / FI Clamping range	Cable cross section	Max. short-circuit current I_k 1 s	Part No.	Part No.
20 mm	11 mm	20 mm	25 mm ²	4.9 kA	725 108	725 112
20 mm	11 mm	20 mm	35 mm ²	6.9 kA	735 108	735 112
20 mm	11 mm	20 mm	50 mm ²	9.9 kA	750 108	750 112
20 mm	11 mm	20 mm	70 mm ²	13.8 kA		770 112
20 mm	11 mm	— mm	95 mm ²	18.7 kA		795 112

a = 2500 mm



790 150

Fixed ball point Ø	Phase T pin Collar width	Rd / FI Clamping range	Cable cross section	Max. short-circuit current I_k 1 s	Part No.
20 mm	11 mm	20 mm	25 mm ²	4.9 kA	725 113
20 mm	11 mm	20 mm	35 mm ²	6.9 kA	735 113
20 mm	11 mm	20 mm	50 mm ²	9.9 kA	750 113
20 mm	11 mm	20 mm	70 mm ²	13.8 kA	770 113
20 mm	11 mm	— mm	95 mm ²	18.7 kA	795 113
20 mm	— mm	— mm	120 mm ²	23.7 kA	712 113

Other cable lengths and earthing clamps available on request.
Earthing rod not included in delivery.

Single-pole Earthing and Short-circuiting Devices

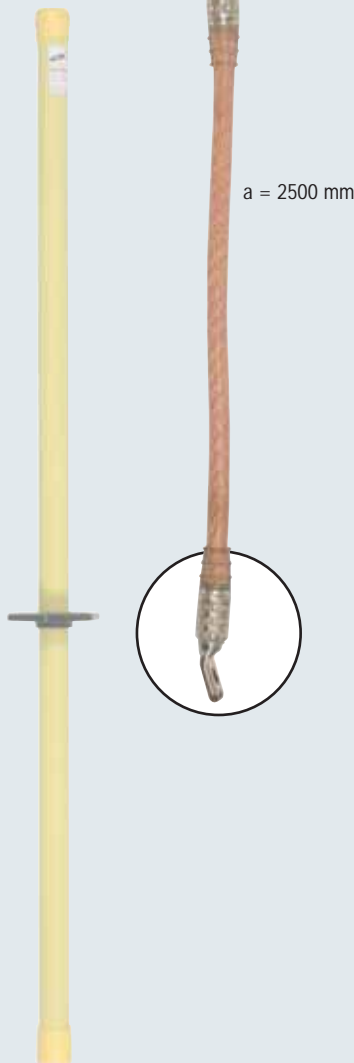
SAFETY EQUIPMENT

EARTHING AND SHORT-CIRCUITING DEVICES

IEC/EN 61230 (DIN VDE 0683 Part 100)

Phase connecting component

Universal clamps, clamping range 30 mm, hexagon shaft



a = 2500 mm



Fixed ball point Ø	Phase T pin Collar width	Rd / FI Clamping range	Cable cross section	Max. short-circuit current I_k 1 s
25 / 30 mm	18 mm	30 mm	25 mm ²	4.9 kA
25 / 30 mm	18 mm	30 mm	35 mm ²	6.9 kA
25 / 30 mm	18 mm	30 mm	50 mm ²	9.9 kA
25 / 30 mm	18 mm	30 mm	70 mm ²	13.8 kA
25 / 30 mm	18 mm	— mm	95 mm ²	18.7 kA
25 / 30 mm	— mm	— mm	120 mm ²	23.7 kA

*) Earth side for fixed ball points only

Earth connecting components



774 130



774 330

Part No.	Part No.
725 125	725 123
735 125	735 123
750 125	750 123
770 125	770 123
794 125*)	795 123*)
712 125*)	712 123*)



Fixed ball point Ø	Phase T pin Collar width	Rd / FI Clamping range	Cable cross section	Max. short-circuit current I_k 1 s
25 / 30 mm	18 mm	30 mm	25 mm ²	4.9 kA
25 / 30 mm	18 mm	30 mm	35 mm ²	6.9 kA
25 / 30 mm	18 mm	30 mm	50 mm ²	9.9 kA
25 / 30 mm	18 mm	30 mm	70 mm ²	13.8 kA
25 / 30 mm	18 mm	— mm	95 mm ²	18.7 kA



792 030



792 190

Part No.	Part No.
725 132	725 134
735 132	735 134
750 132	750 134
	770 134
	794 134



Fixed ball point Ø	Phase T pin Collar width	Rd / FI Clamping range	Cable cross section	Max. short-circuit current I_k 1 s
25 / 30 mm	18 mm	30 mm	25 mm ²	4.9 kA
25 / 30 mm	18 mm	30 mm	35 mm ²	6.9 kA
25 / 30 mm	18 mm	30 mm	50 mm ²	9.9 kA
25 / 30 mm	18 mm	30 mm	70 mm ²	13.8 kA
25 / 30 mm	18 mm	— mm	95 mm ²	18.7 kA
25 / 30 mm	— mm	— mm	120 mm ²	23.7 kA



790 150

Part No.
725 135
735 135
750 135
770 135
794 135
712 135

Other cable lengths and earthing clamps available on request.
Earthing rod not included in delivery.

SAFETY EQUIPMENT

Single-pole Earthing and Short-circuiting Devices

EARTHING AND SHORT-CIRCUITING DEVICES

EN/IEC 61230 (DIN VDE 0683 Part 100)

Earth connecting components

Phase connecting component

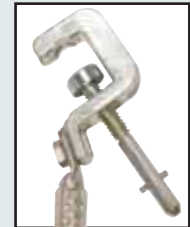


774 130



774 330

Universal clamp, clamping range 30 mm, T pin shaft



Fixed ball point Ø	Phase T pin Collar width	Rd / FI Clamping range	Cable cross section	Max. short-circuit current I_k 1 s	Part No.	Part No.
25 / 30 mm	18 mm	30 mm	25 mm ²	4.9 kA	725 127	725 107
25 / 30 mm	18 mm	30 mm	35 mm ²	6.9 kA	735 127	735 107
25 / 30 mm	18 mm	30 mm	50 mm ²	9.9 kA	750 127	750 107
25 / 30 mm	18 mm	30 mm	70 mm ²	13.8 kA	770 127	770 107
25 / 30 mm	18 mm	— mm	95 mm ²	18.7 kA	794 127*)	795 107*)
25 / 30 mm	— mm	— mm	120 mm ²	23.7 kA	712 127*)	712 107*)

*) Earth side for fixed ball points only



792 030



792 190

Fixed ball point Ø	Phase T pin Collar width	Rd / FI Clamping range	Cable cross section	Max. short-circuit current I_k 1 s	Part No.	Part No.
25 / 30 mm	18 mm	30 mm	25 mm ²	4.9 kA	725 136	725 138
25 / 30 mm	18 mm	30 mm	35 mm ²	6.9 kA	735 136	735 138
25 / 30 mm	18 mm	30 mm	50 mm ²	9.9 kA	750 136	750 138
25 / 30 mm	18 mm	30 mm	70 mm ²	13.8 kA		770 138
25 / 30 mm	18 mm	— mm	95 mm ²	18.7 kA		794 138

a = 2500 mm



790 150

Fixed ball point Ø	Phase T pin Collar width	Rd / FI Clamping range	Cable cross section	Max. short-circuit current I_k 1 s	Part No.
25 / 30 mm	18 mm	30 mm	25 mm ²	4.9 kA	725 139
25 / 30 mm	18 mm	30 mm	35 mm ²	6.9 kA	735 139
25 / 30 mm	18 mm	30 mm	50 mm ²	9.9 kA	750 139
25 / 30 mm	18 mm	30 mm	70 mm ²	13.8 kA	770 139
25 / 30 mm	18 mm	— mm	95 mm ²	18.7 kA	794 139
25 / 30 mm	— mm	— mm	120 mm ²	23.7 kA	712 139

Other cable lengths and earthing clamps available on request.
Earthing rod not included in delivery.