

Outdoor terminations MKB 72.5, MKB 123, MKB 145, MKB 170, MKB 252

Technical data

		MKB 72.5	MKB 123	MKB 145	MKB 170	MKB 252
Phase voltage	kV	36	64	76	87	127
Line voltage	kV	60	110	132	150	220
Maximum system voltage	kV	72.5	123	145	170	252
Cable conductor cross-section range	mm ²	95 ÷ 1600	185 ÷ 2500	185 ÷ 2500	185÷ 2500	400÷2500
Maximum cable diameter	mm	115	124 (optioanlly 140)	124 (optioanlly 140)	124 (optioanlly 140)	124 (optioanlly 140)
Maximum insulation diameter	mm	75	93	93	95	110
AC voltage withstand test		90 kV for 30 min	160 kV for 30 min	190 kV for 30 min	218 kV for 30 min	318 kV for 30 min
Partial discharges		<5 pC at 54 kV	<5 pC at 96 kV	<5 pC at 114 kV	<5 pC at 131 kV	<5 pC at 190 kV
Impulse voltage (10+/10- impulses)		325 kV	550 kV	650 kV	750 kV	1050 kV
Nominal operating current		Limited by cable specification				
Operational temperature		-45/+50°C	-45/+50°C	-45/+50°C	-45/+50°C	-45/+50°C

Dimensions and weight

		MKB 72.5		MKB 123			
		comp.	porc.	comp.	porc.		
Hollow insulator type							
Termination length (L)	mm	770	778	1240	1240	1280	1280
Creepage distance	mm	2350	3695	3460	4025	3150	3906
Pollution level in accordance with IEC 60815		IV	IV	III	IV	III	IV
Net weight (appr.)	kg	50	98	115	117	332	362
Maximum allowed load on top connector	kN	4	4	3,5	3,5	2,8	2,8

		MKB 145		MKB 170					
		comp.	porc.	comp.	porc.				
Hollow insulator type									
Termination length (L)	mm	1365	1390	1450	1450	1552	1590	1640	1640
Creepage distance	mm	3870	4605	3625	4495	4480	5370	4250	5270
Pollution level in accordance with IEC 60815		III	IV	III	IV	III	IV	III	IV
Net weight (appr.)	kg	121	124	355	362	130	134	680	690
Maximum allowed load on top connector	kN	3,2	3,2	2,8	2,8	2,7	2,7	2,6	2,6

		MKB 252			
		comp.	porc.		
Hollow insulator type					
Termination length (L)	mm	2356	2356	2300	2300
Creepage distance	mm	6548	8163	6300	7812
Pollution level in accordance with IEC 60815		III	IV	III	IV
Net weight (appr.)	kg	306	313	690	770
Maximum allowed load on top connector	kN	5	5	5	5

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