

Straight joints MCB 72.5, MCB 123, MCB 145, MCB 170, MCB 252

Technical data

		MCB 72.5	MCB 123	MCB 145	MCB 170	MCB 252
Phase voltage	kV	36	64	76	87	127
Line voltage	kV	66	110	132	150	220
Maximum system voltage	kV	72.5	123	145	170	252
Cable conductor cross-section	mm ²	95 ÷ 1600	185 ÷ 2500	185 ÷ 2500	185 ÷ 2500	400 ÷ 2500
Maximum cable diameter	mm	120	150	150	150	150
Maximum insulation diameter	mm	75	93	93	110	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

		MCB 72,5	MCB 72,5 X/XI	MCB 123/145/170	MCB 123/145/170 X/XI	MCB 252	MCB 252 X/XI
Lengths	mm	1800	2200/1800	2200	2450/2200	2450	2450
Net weight (appr)	kg	34	50	38	59	75	110

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