

Transformer terminations MBB 123 T, MBB 145 T, MBB 170 T, 245 T

Technical data

		MBB 123 T	MBB 145 T	MBB 170 T	MBB 245 T
Phase voltage	kV	64	76	87	127
Line voltage	kV	110	132	150	220
Maximum system voltage	kV	123	145	170	245
		MBB A 123 T	MBB A 145 T	MBB A 170 T	MBB 245 T
Cable conductor cross-section	mm ²	185+1600	185+1600	185+1600	400+2500
Maximum cable diameter	mm	124	124	124	124 (optionally 140)
Minimum + Maximum insulation diameter	mm	41+84	41+84	41+84	64+118
		MBB B 123 T	MBB B 145 T	MBB B 170 T	-
Cable conductor cross-section	mm ²	400+2500	400+2500	400+2500	-
Maximum cable diameter	mm	124 (optionally 140)	124 (optionally 140)	124 (optionally 140)	-
Minimum + Maximum insulation diameter	mm	55+103	55+103	55+103	-
AC voltage withstand test		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 96 kV	<5 pC at 114 kV	<5 pC at 131 kV	<5 pC at 190 kV
Impulse voltage (10+/10- impulses)		550 kV	650 kV	750 kV	1050 kV
Nominal operating current		Limited by cable specification			
Operational temperature		-25/+50°C	-25/+50°C	-25/+50°C	-25/+50°C

Dimensions and weight

		MBB A 123/145/170 T	MBB B 123/145/170 T	MBB 245 T
Length inside/outside transformer enclosure	mm	757/730	757/730	960/830
Net weight (appr)	kg	55	70	120
Corona screen dimensions (max O.D. x offset)	mm	218x120	218x120	350x160
EN compliance		EN 50299:2002; EN50299-1:2014	EN50299-1:2014	EN 50299:2002; EN50299-1:2014
		MBB A 123/145/170 T-470	MBB B 123/145/170 T-470	MBB 245 T-620
Length inside/outside transformer enclosure	mm	470/730	470/730	620/830
Net weight (appr)	kg	65	60	105
Corona screen dimensions (max O.D. x offset)	mm	218x120	218x120	350x160
EN compliance		EN50299-2:2014	EN50299-2:2014	EN50299-2:2014

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