

Transformer terminations MBB 123/126/145/170 T, MBB 245/252 T , MBB 362/420/550 T

Technical data

		MBB 123 T	MBB 126 T	MBB 145 T	MBB 170 T	MBB 245 T	MBB 252 T	MBB 362 T	MBB 420 T	MBB 550 T
Phase to ground voltage U0	kV	64	64	76	87	127	127	190	220	290
Rated voltage	kV	110	110	132	150	220	220	330	380	500
Maximum system voltage	kV	123	126	145	170	245	252	362	420	550
		MBB A 123 T	MBB A 126 T	MBB A 145 T	MBB A 170 T					
Cable conductor cross-section range	mm ²	185÷1600	185÷1600	185÷1600	185÷1600	400÷2500	400÷2500	500÷3000	630÷3000	800÷3000
Maximum cable overheat diameter	mm	124	124	124	124	124 (optionally 140)	124 (optionally 140)	170	170	170
Prepared insulation diameter range	mm	41÷84	41÷84	41÷84	41÷84	64÷118	64÷118	74÷140	80,5÷140	86÷140
		MBB B 123 T	MBB B 126 T	MBB B 145 T	MBB B 170 T					
Cable conductor cross-section range	mm ²	400÷2500	400÷2500	400÷2500	400÷2500	-	-	-	-	-
Maximum cable overheat diameter	mm	124 (optionally 140)	124 (optionally 140)	124 (optionally 140)	124 (optionally 140)	-	-	-	-	-
Prepared insulation diameter range	mm	55÷103	55÷103	55÷103	55÷103	-	-	-	-	-
AC voltage withstand test		160 kV for 30 min	160 kV for 30 min	190 kV for 30 min	218 kV for 30 min	318 kV for 30 min	318 kV for 30 min	420 kV for 60 min	440 kV for 60 min	580 kV for 60 min
Partial discharge level		<5 pC at 96 kV	<5 pC at 96 kV	<5 pC at 114 kV	<5 pC at 131 kV	<5 pC at 190 kV	<5 pC at 190 kV	<5 pC at 285 kV	<5 pC at 330 kV	<5 pC at 435 kV
Lightning impulse voltage (10+/10-impulses)		550 kV	550 kV	650 kV	750 kV	1050 kV	1050 kV	1175 kV	1425	1550 kV
Switching impulse voltage (10+/10-impulses)		-	-	-	-	-	-	950 kV	1050	1175 kV
Rated current		Limited by cable specification								
Short circuit current 3 sec		75	75	75	75	75	75	75	75	75
Operational temperature		-45/+50°C	-45/+50°C	-45/+50°C	-45/+50°C	-45/+50°C	-45/+50°C	-45/+50°C	-45/+50°C	-45/+50°C

Dimensions and weight

		MBB A 123/126/145/170 T	MBB B 123/126/145/170 T	MBB 245/252 T	MBB 362/420/550 T	MBB A 123/126/145/170 T-470	MBB B 123/126/145/170 T-470	MBB 245/252 T-620	MBB 362/420/550 T-960
Length inside/outside transformer enclosure	mm	757/730	757/730	960/830	1400/840	470/730	470/730	620/830	960/840
Net weight (appr)	kg	55	70	120	300	65	60	105	280
Corona screen dimensions (max O.D. x offset)	mm	218x120	218x120	350x160	500x160	218x120	218x120	350x160	500x160
EN compliance		EN 50299:2002; EN50299-1:2014	EN50299-1:2014	EN 50299:2002; EN50299-1:2014	EN 50299:2002; EN50299-1:2014	EN50299-2:2014	EN50299-2:2014	EN50299-2:2014	EN50299-2:2014

CONTACT US



+ 40 (314) 264 088



info@arkasil.eu