

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

Technical data

		MBB 123	MBB 126	MBB 145	MBB 170	MBB 245	MBB 252	MBB 362	MBB 420	MBB 550
Phase to ground voltage U ₀	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	MBB A 126	MBB A 145	MBB A 170					
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	64+118	64+118	74+140	80,5+140	86+140

		MBB B 123	MBB B 126	MBB B 145	MBB B 170					
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								
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	MBB B 123/126/145/170	MBB 245/252	MBB 362	MBB 420	MBB 550
Length inside/outside GIS	mm	470/730	470/730	620/830	960/840	960/840	960/840
Net weight (appr)	kg	50	54	96	230	230	230
IEC compliance		IEC 62271-209 Fig. 5; IEC 60859 Fig. 4	IEC 62271-209 Fig. 5	IEC 62271-209 Fig. 5; IEC 60859 Fig. 4	IEC 62271-209 Fig. 5; IEC 60859 Fig. 4	IEC 62271-209 Fig. 5; IEC 60859 Fig. 4	IEC 62271-209 Fig. 5; IEC 60859 Fig. 4

		MBB A 123/126/145/170 E	MBB B 123/126/145/170 E	MBB 245 E	MBB 362 E	MBB 420 E	MBB 550 E
Length inside/outside GIS	mm	757/730	757/730	960/830	1400/840	1400/840	1400/840
Net weight (appr)	kg	60	64	112	250	250	250
IEC compliance		IEC 62271-209 Fig. 3; IEC 60859 Fig. 2	IEC 62271-209 Fig. 3	IEC 62271-209 Fig. 3; IEC 60859 Fig. 2	IEC 62271-209 Fig. 3; IEC 60859 Fig. 2	IEC 62271-209 Fig. 3; IEC 60859 Fig. 2	IEC 62271-209 Fig. 3; IEC 60859 Fig. 2

CONTACT US



+ 40 (314) 264 088
info@arkasil.eu