

GIS terminations MBB 123, MBB 145, MBB 170, MBB 245

Technical data

		MBB 123	MBB 145	MBB 170	MBB 245
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	MBB A 145	MBB A 170	MBB 245
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	MBB B 145	MBB B 170	MBB 245
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	MBB B 123/145/170	MBB 245
Length inside/outside GIS	mm	470/730	470/730	620/830
Net weight (appr)	kg	50	54	96
IEC compliance		IEC 62271-209 Fig.5; IEC 60859 Fig.4	IEC 62271-209 Fig.5	IEC 62271-209 Fig.5
		MBB A 123/145/170 E	MBB B 123/145/170 E	MBB 245 E
Length inside/outside GIS	mm	757/730	757/730	960/830
Net weight (appr)	kg	60	64	112
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/Fig.4

CONTACT US

+40 (736) 688 573
info@arkasil.eu