

SILICONE RUBBER SUSPENSION TYPE INSULATORS

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Silicone Rubber Suspension Type Insulators for systems from 115 up to 400 kV according to CFE 52100-65 and 52210-47 specifications. ZIBO trademark. Any of the insulators can be manufactured with the different end-fittings indicated in the specifications. Any design can be manufactured, even without being included in the CFE specifications.									
HIGH LEVEL OF CONTAMINATION									
Short description		115SYB120dA	138SYB120dA	9SYB120d2	9SYB120d3	ASYB120d2	ASYB120d3	ASYB160d2	ASYB160d3
Rated System Voltage (kV)		115	138	230	230	400	400	400	400
Max. Design Voltage (kV)		123	145	245	245	420	420	420	420
Power Frequency Flashover Voltage	Dry (kV)	370	450	550	625	625	700	625	700
	Wet (kV)	333	395	530	590	N/A	N/A	N/A	N/A
Critical Impulse Flashover Voltage	Positive (kV)	612	715	1260	1430	1710	1930	1710	1930
	Negative (kV)	N/A	735	N/A	N/A	N/A	N/A	N/A	N/A
Switching Impulse Withstand Voltage, Wet (kV)		N/A	N/A	N/A	N/A	1710	1290	1170	1290
Max. Radio-interference Voltage to 500 kHz (μV)		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Max. Length of the insulator according to specification (mm)		1248 ± 60	1394 ± 100	2800	3100	4250	4500	4250	4500
Min. Creepage Distance (mm)		3075	3625	6125	6125	10500	10500	10500	10500
Mechanical Strength (minimum)	Tension (kV)	120	120	120	120	120	120	160	160
	Torsion (kV)	50	50	50	50	50	50	50	50
VERY HIGH LEVEL OF CONTAMINATION									
Short description		115SYB120eA	138SYB120eA	9SYB120e2	9SYB120e3	ASYB120e2	ASYB120e3	ASYB160e2	ASYB160e3
Rated System Voltage (kV)		115	138	230	230	400	400	400	400
Max. Design Voltage (kV)		123	145	245	245	420	420	420	420
Power Frequency Flashover Voltage	Dry (kV)	370	450	550	625	625	700	625	700
	Wet (kV)	333	395	530	590	N/A	N/A	N/A	N/A
Critical Impulse Flashover Voltage	Positive (kV)	612	715	1260	1430	1710	1930	1710	1930
	Negative (kV)	N/A	735	N/A	N/A	N/A	N/A	N/A	N/A
Switching Impulse Withstand Voltage, Wet (kV)		N/A	N/A	N/A	N/A	1710	1290	1170	1290
Max. Radio-interference Voltage to 500 kHz (μV)		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Max. Length of the insulator according to specification (mm)		1248 ± 60	1394 ± 100	2800	3100	4250	4500	4250	4500
Min. Creepage Distance (mm)		3813	4495	7595	7595	13020	13020	13020	13020
Mechanical Strength (minimum)	Tension (kV)	120	120	120	120	120	120	160	160
	Torsion (kV)	50	50	50	50	50	50	50	50

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