



Technical Data Sheet

Date: 2017-11
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Stand-off Insulators



Application	Insulator to mount busbars into panel boards						
Standards	EN/IEC 61439-1:2012-06 Low-voltage switchgear and controlgear assemblies						
Design	Insulator base made of Polyester, flame-retardant (960°C glow wire resistant), red Threaded inserts made of metal (brass or plated steel)						
Operating temperature	-40 °C ... 130 °C						
Type	hight [mm]	thread	recom. torque [Nm]	spanner size	Nominal voltage AC	max. tension [N]	max. load [N]
H20 / M4	20	M4	2	18	300 V	1700	700
H20 / M6	20	M6	6			1900	1000
H25 / M5*	25	M5	4	21	400 V	1800	850
H25 / M6	25	M6	6		400 V	1800	850
H30 / M6	30	M6	6	33	600V	6500	2000
H30 / M8	30	M8	12			8000	3600
H35 / M6	35	M6	6			7200	2300
H35 / M8	35	M8	12			9000	3800
H35 / M10	35	M10	24			8000	3100
H40 / M8	40	M8	12	40	1000 V	12000	4400
H40 / M10	40	M10	24			11000	6200
H40 / M12*	40	M12	40	46	1200 V	11000	6200
H50 / M8*	50	M8	12			11000	5600
H50 / M10	50	M10	24			17000	6500
H50 / M12	50	M12	40			13000	6600
H60 / M8	60	M8	12	50	1500 V	11000	5600
H60 / M10	60	M10	24			16000	5600
H70 / M10	70	M10	24	55	2000 V	14000	7400
H70 / M12	70	M12	40			15000	7500
Safety	Edges rounded						
Environment	All materials and manufacturing processes fully comply with RoHS-regulations						

* full hex form