

ADDITIONAL STAND-OFF INSULATORS



CHARACTERISTICS

Available in a wide range of different heights and provided with threaded inserts from M4 to M16, these items are suitable for being used as isolating supports in busbar systems. This range of insulators is made up of fiberglass-reinforced polyester by compression moulding, to ensure long term endurance to both mechanical and electrical stresses. All items can be ordered with pre-mounted headless screws, as showed in the table on page 5.

FEATURES

Working temperature:	-40°C + 130°C
Flammability Rating:	UL 94 V0
Arc resistance:	ASTM D-495 ≥ 180 sec.
Water absorption:	ISO 62 ≤ 0,20%
Dielectric strength:	ASTM D 149/ IEC 60243 17 kV/mm
Track resistance (CTI):	IEC 60112 600 V/ PLC 0
Glow-wire test:	IEC 695-2-1 960°C

FEATURES

Height	Thread	codes (from - to)	breaking loads			Operating voltage	
			Tensile daN	Tightening torques Nx mt.	Cantilever daN	a.c. V.	d.c. V.
15mm	M4	DL011-DL013	100	2.5	50	250	300
16mm	M4	DL011-DL014	100	3	100	400	500
20mm	M4	DL021-DL024	100	3	150	600	800
20mm	M5	DL031-DL034	150	6	100	600	800
20mm	M6	DL041-DL044	150	6	80	600	800
25mm	M4	DL051-DL054	100	3	170	600	800
25mm	M5	DL061-DL064	150	6	150	600	800
25mm	M6	DL071-DL074	200	6	100	600	800
30mm	M6	DL081-DL084	300	10	300	600	800
30mm	M8	DL091-DL094	600	25	350	600	800
30mm	M10	DL101-DL104	600	30	350	600	800
34mm	M6	DL111-DL114	300	10	350	1000	1200
34mm	M8	DL121-DL127	600	25	450	1000	1200
34mm	M10	DL131-DL137	750	30	400	1000	1200
40mm	M6	DL261-DL264	500	10	500	1000	1200
40mm	M8	DL271-DL274	600	25	450	1000	1200
40mm	M10	DL281-DL284	850	40	450	1000	1200
50mm	M6	DL141-DL147	600	10	500	2000	2500
50mm	M8	DL151-DL157	800	25	450	2000	2500
50mm	M10	DL161-DL167	1000	50	500	2000	2500
63mm	M6	DL171-DL177	750	10	600	3000	3500
63mm	M8	DL181-DL187	1000	25	600	3000	3500
63mm	M10	DL191-DL197	1200	50	600	3000	3500
75mm	M8	DL201-DL207	1300	25	600	5000	7500
75mm	M10	DL211-DL217	1400	50	650	5000	7500
75mm	M12	DL221-DL227	1500	85	700	5000	7500
100mm	M10	DL231-DL237	1500	50	750	8000	10000
100mm	M12	DL241-DL247	1500	85	800	8000	10000
100mm	M16	DL251-DL257	1500	100	1100	8000	10000

Value of breaking charges = +/- 10%

1 daN = 1 Kg

Versions				Dimensions							pcs./pack (*)
F-F	F-Ms	Mi-F	M-M	H	ES	B	C	M	P	D	N°
DM001	DM002	DM003	DM004	12	8	7,8	8	3	3	8	100
DM011	DM012		DM013	15	14	12		4	4	12	100
DM011	DM012	DM013	DM014	16	14	13	15	4	4	12	50
DM021	DM022	DM023	DM024	20	17	15	19	4	5	12	50
DM031	DM032	DM033	DM034	20	17	15	19	5	5	12	50
DM041	DM042	DM043	DM044	20	17	15	19	6	5	12	50
DM051	DM052	DM053	DM054	25	19	16	21	4	7	12	50
DM061	DM062	DM063	DM064	25	19	16	21	5	7	14	50
DM071	DM072	DM073	DM074	25	19	16	21	6	7	14	50
DM081	DM082	DM083	DM084	30	30	27	34	6	8	25	128
DM091	DM092	DM093	DM094	30	30	27	34	8	8	25	128
DM101	DM102	DM103	DM104	30	30	27	34	10	8	25	128
DM111	DM112	DM113	DM114	34	32	28	36	6	10	25	72
DM121	DM122	DM123	DM124	34	32	28	36	8	10	25	72
	DM125	DM126	DM127	34	32	28	36	8	10	40	72
DM131	DM132	DM133	DM134	34	32	28	36	10	10	25	72
	DM135	DM136	DM137	34	32	28	36	10	10	40	72
DM261	DM262	DM263	DM264	40	36	29	40	6	10	5	72
DM271	DM272	DM273	DM274	40	36	29	40	8	10	6	72
DM281	DM282	DM283	DM284	40	36	29	40	10	10	7	72
DM141	DM142	DM143	DM144	50	36	29	40	6	15	25	36
	DM145	DM146	DM147	50	36	29	40	6	15	40	36
DM151	DM152	DM153	DM154	50	36	29	40	8	15	25	36
	DM155	DM156	DM157	50	36	29	40	8	15	40	36
DM161	DM162	DM163	DM164	50	36	29	40	10	15	25	36
	DM165	DM166	DM167	50	36	29	40	10	15	40	36
DM171	DM172	DM173	DM174	63	41	31	45	6	15	25	36
	DM175	DM176	DM177	63	41	31	45	6	15	40	36
DM181	DM182	DM183	DM184	63	41	31	45	8	15	25	36
	DM185	DM186	DM187	63	41	31	45	8	15	40	36
DM191	DM192	DM193	DM194	63	41	31	45	10	15	25	36
	DM195	DM196	DM197	63	41	31	45	10	15	40	36
DM201	DM202	DM203	DM204	75	50	36	55	8	15	25	25
	DM205	DM206	DM207	75	50	36	55	8	15	40	25
DM211	DM212	DM213	DM214	75	50	36	55	10	15	25	25
	DM215	DM216	DM217	75	50	36	55	10	15	40	25
DM221	DM222	DM223	DM224	75	50	36	55	12	15	30	25
	DM225	DM226	DM227	75	50	36	55	12	15	40	25
DM231	DM232	DM233	DM234	100	65	52	72	10	15	25	10
	DM235	DM236	DM237	100	65	52	72	10	15	40	10
DM241	DM242	DM243	DM244	100	65	52	72	12	15	30	10
	DM245	DM246	DM247	100	65	52	72	12	15	40	10
DM251	DM252	DM253	DM254	100	65	52	72	16	30	30	10
	DM255	DM256	DM257	100	65	52	72	16	30	40	10

*The packing refers to F-F versions (no screws).

GM001- GM004 / GP011 - GP013
 Fiberglass reinforced polyamide.

TRADITIONAL STAND-OFF INSULATORS



CHARACTERISTICS

This type of insulator is suitable for being used in damp or dusty environments, thanks to its particular shape that helps water dripping and prevents from dust depositing. After a surface treatment, it can be used also outside.

All items can be ordered with pre mounted headless screws, as showed in the table below.

FEATURES

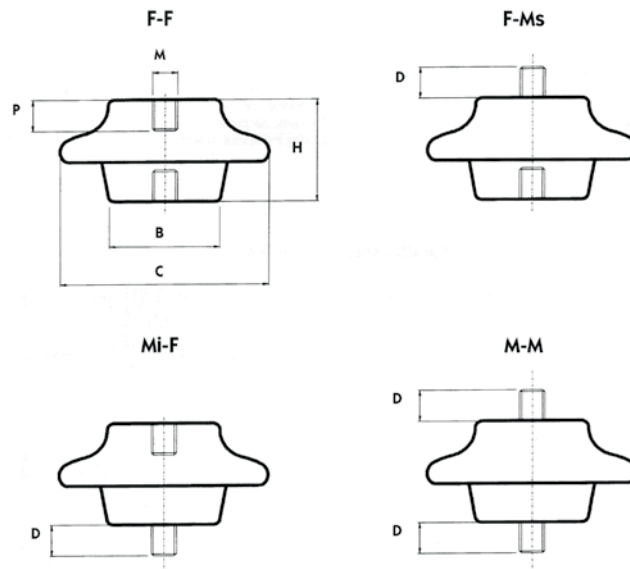
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Flammability Rating:	UL 94 V0
Arc resistance:	ASTM D-495 ≥ 180 sec.
Water absorption:	ISO 62 ≤ 0,20%
Dielectric strength:	ASTM D 149/ IEC 60243 17 kV/mm
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FEATURES

Height	codes (from - to)	breaking loads			Operating voltage	
		Tensile daN	Tightening torques Nx mt.	Cantilever daN	a.c. V.	d.c. V.
52mm	DH001-DH004	2000	10	1600	5000	5000

Value of breaking charges = +/- 10%

1 daN = 1 Kg



Versions				Dimensions						pcs./pack (*)
F-F	F-Ms	Mi-F	M-M	H	M	B	C	P	D	N°
DH001	DH002	DH003	DH004	52	8	52	100	16	25	12
DH011	DH012	DH013	DH014	52	10	52	100	16	30	12
DH021	DH022	DH023	DH024	52	12	52	100	16	35	12
DH031	DH032	DH033	DH034	52	16	52	100	16	40	12

*The packing refers to F-F versions (no screws).