

Insulators

Low voltage insulators

Wide range of
polyamide
and
polyester
insulators

High resistance to electrical
and mechanical stress



- Polyamide PA6 resin with 30% fiberglass
- Zinc-plated steel - threaded inserts

Advantages

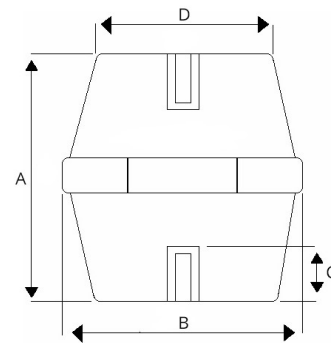
- Excellent insulation properties
- Easy fixing thanks to hexagonal perimeter
- Application flexibility with models of different size (height and width)
- High resistance to corrosion, high temperatures and electrical / mechanical stress

Technical specifications

- Colour red (RAL 3011)
- Operating temperature - 40 °C / + 120 °C
- Self-extinguishing grade UL94 - V0
- Arc resistance > 180 sec. (according to ASTM D-495)

Look more about materials at Comparison of materials on page 94.

Products displayed here contain only selection of the range offered. Ask for availability of other dimensions and brass inserts from us!



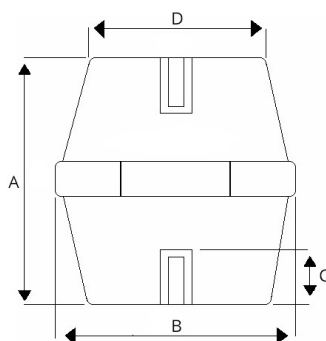
Code	Dimensions (mm)					Mechanical characteristics				Electrical characteristics			Package
	A	B	C	D	Thread	T.S. (daN)	C.S. (daN)	B.S. (daN)	Tightening torque (Nm)	Rated voltage at 50Hz for 60 sec. (kV)	Flashover voltage (kV a.c.)	Operating Voltage DC/AC (V)	(pcs)
MIA1504O14	15	OCT 14	4,5	12	4	300	500	60	3	0	8	250	100
MIA1604O14	16	OCT 14	4,5	12	4	300	500	60	3	3	8	250	100
MIA2004H17	20	HEX 17	5	15	4	350	600	80	3	5	15	400	100
MIA2005H17	20	HEX 17	5	15	5	350	600	80	4	5	15	400	100
MIA2006H17	20	HEX 17	5	15	6	350	600	80	8	5	15	400	100
MIA2505H19	25	HEX 19	8	15	5	400	2300	220	4	8	25	600	100
MIA2506H19	25	HEX 19	8	15	6	400	2300	220	8	8	25	600	100
MIA3006H30	30	HEX 30	9	26	6	900	4900	450	10,3	10	30	750	50
MIA3008H30	30	HEX 30	9	26	8	900	4900	450	25,5	10	30	750	50
MIA3506H32	35	HEX 32	11	28	6	1100	7000	500	10,3	10	40	750	50
MIA3508H32	35	HEX 32	11	28	8	1100	7000	500	25,5	10	40	750	50
MIA3510H32	35	HEX 32	11	28	10	1100	7000	500	50	10	40	750	50
MIA3506H41	35	HEX 41	11	33	6	1400	8300	650	10,3	12	40	1000	25
MIA3508H41	35	HEX 41	11	33	8	1400	8300	650	25,5	12	40	1000	25
MIA3510H41	35	HEX 41	11	33	10	1400	8300	650	50	12	40	1000	25
MIA4006H32	40	HEX 32	11	28	6	1100	7000	500	10,3	12	40	1000	50
MIA4008H32	40	HEX 32	11	28	8	1100	7000	500	25,5	12	40	1000	50
MIA4010H32	40	HEX 32	11	28	10	1100	7000	500	50	12	40	1000	50
MIA4006H46	40	HEX 46	11	40	6	1300	8300	700	10,3	12	40	1000	25
MIA4008H46	40	HEX 46	11	40	8	1300	8300	700	25,5	12	40	1000	25
MIA4010H46	40	HEX 46	11	40	10	1300	8300	700	50	12	40	1000	25
MIA4012H46	40	HEX 46	11	40	12	1300	8300	700	87,2	12	40	1000	25
MIA4506O41	45	OCT 41	15	33	6	1400	8500	740	10,3	15	40	1000	25
MIA4508O41	45	OCT 41	15	33	8	1400	8500	740	25,5	15	40	1000	25
MIA4510O41	45	OCT 41	15	33	10	1400	8500	740	50	15	40	1000	25
MIA4508O50	45	OCT 50	15	41	8	1500	10000	800	25,5	15	40	1000	25
MIA4510O50	45	OCT 50	15	41	10	1500	10000	800	50	15	40	1000	25

T.S. - Tensile strength | C.S. - Compression strength | B.S. - Bending strength

Code	Dimensions (mm)					Mechanical characteristics				Electrical characteristics			Package
	A	B	C	D	Thread	T.S. (daN)	C.S. (daN)	B.S. (daN)	Tightening torque (Nm)	Rated voltage at 50Hz for 60 sec. (kV)	Flashover voltage (kV a.c.)	Operating Voltage DC/AC (V)	(pcs)
MIA5006H36	50	HEX 36	15	29	6	1300	8000	650	10,3	20	50	1500	25
MIA5008H36	50	HEX 36	15	29	8	1300	8000	650	25,5	20	50	1500	25
MIA5010H36	50	HEX 36	15	29	10	1300	8000	650	50	20	50	1500	25
MIA5006H50	50	HEX 50	15	42	6	1500	9000	750	10,3	20	50	1500	25
MIA5008H50	50	HEX 50	15	42	8	1500	9000	750	25,5	20	50	1500	25
MIA5010H50	50	HEX 50	15	42	10	1500	9000	750	50	20	50	1500	25
MIA5012H50	50	HEX 50	15	42	12	1500	9000	750	87,2	20	50	1500	25
MIA5510H55	55	HEX 55	15	45	10	1600	9800	780	50	20	50	1500	25
MIA6008O54	60	OCT 54	15	42	8	2000	12500	800	25,5	20	50	1500	10
MIA6010O54	60	OCT 54	15	42	10	2000	12500	800	50	20	50	1500	10
MIA6012O54	60	OCT 54	15	42	12	2000	12500	800	87,2	20	50	1500	10
MIA6310H41	63	HEX 41	15	33	10	1600	9000	700	50	20	50	1500	10
MIA6312H41	63	HEX 41	15	33	12	1600	9000	700	87,2	20	50	1500	10
MIA7512H50	75	HEX 50	25	42	12	1800	9500	730	87,2	25	50	2000	10
MIA7516H50	75	HEX 50	25	42	16	1800	9500	730	210,8	25	50	2000	10
MIA1012H65	100	HEX 65	25	49	12	4000	16500	1300	87,2	30	50	3600	5
MIA1006H65	100	HEX 65	25	49	16	4000	16500	1300	210,8	30	50	3600	5

T.S. - Tensile strength | C.S. - Compression strength | B.S. - Bending strength

Dimensions



- Polyamide PA6 resin with 30% fiberglass
- Zinc-plated steel - threaded inserts

Advantages

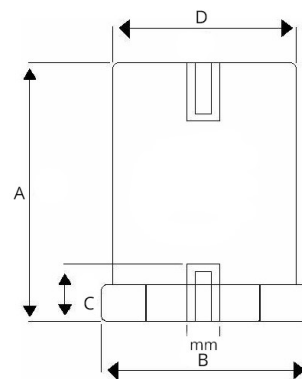
- Excellent insulation properties
- Easy fixing thanks to hexagonal perimeter
- Application flexibility with models of different size (height and width)
- High resistance to corrosion, high temperatures and electrical / mechanical stress

Technical specifications

- Colour red (RAL 3011)
- Operating temperature - 40 °C / + 120 °C
- Self-extinguishing grade UL94 - V0
- Arc resistance > 180 sec. (according to ASTM D-495)

Look more about materials at Comparison of materials on page 94.

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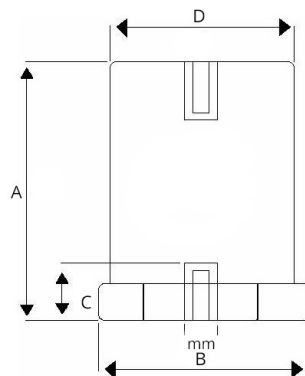
Code	Dimensions (mm)				Mechanical characteristics				Electrical characteristics			Package
	A	B	C	Thread	T.S. (daN)	C.S. (daN)	B.S. (daN)	Tightening torque (Nm)	Rated voltage at 50Hz for 60 sec. (kV)	Flashover voltage (kV a.c.)	Operating Voltage DC/AC (V)	(pcs)
Polyamide stud insulators D=20												
MIB1604D20	16	HEX 20	4,5	4	300	2500	200	3	3	10	400	50
MIB1605D20	16	HEX 20	4,5	5	300	2500	200	3,5	3	10	400	50
MIB1606D20	16	HEX 20	4,5	6	300	2500	200	4	3	10	400	50
MIB2005D20	20	HEX 20	5	5	300	2500	180	3,5	3,5	12	600	50
MIB2006D20	20	HEX 20	5	6	300	2500	180	4	3,5	12	600	50
MIB2505D20	25	HEX 20	8	5	300	2500	180	6	5	15	600	50
MIB2506D20	25	HEX 20	8	6	300	2500	180	10,3	5	15	600	50
MIB2508D20	25	HEX 20	8	8	300	2500	180	25,5	5	15	600	50
MIB3005D20	30	HEX 20	9	5	350	2500	150	6	10	20	600	50
MIB3006D20	30	HEX 20	9	6	350	2500	150	10,3	10	20	600	50
MIB3008D20	30	HEX 20	9	8	350	2500	150	25,5	10	20	600	50
MIB3505D20	35	HEX 20	9	5	350	2500	150	6	10	20	600	50
MIB3506D20	35	HEX 20	9	6	350	2500	150	10,3	10	20	600	50
MIB3508D20	35	HEX 20	9	8	350	2500	150	25,5	10	20	600	50
MIB4005D20	40	HEX 20	9	5	350	2500	150	6	10	20	600	50
MIB4006D20	40	HEX 20	9	6	350	2500	150	10,3	10	20	600	50
MIB4008D20	40	HEX 20	9	8	350	2500	150	25,5	10	20	600	50
MIB4505D20	45	HEX 20	9	5	350	2500	150	6	10	20	600	50
MIB4506D20	45	HEX 20	9	6	350	2500	150	10,3	10	20	600	50
MIB4508D20	45	HEX 20	9	8	350	2500	150	25,5	10	20	600	50
MIB5005D20	50	HEX 20	9	5	350	2500	100	6	10	30	750	50
MIB5006D20	50	HEX 20	9	6	350	2500	100	10,3	10	30	750	50

T.S. - Tensile strength | C.S. - Compression strength | B.S. - Bending strength

Code	Dimensions (mm)				Mechanical characteristics				Electrical characteristics			Package
	A	B	C	Thread	T.S. (daN)	C.S. (daN)	B.S. (daN)	Tightening torque (Nm)	Rated voltage at 50Hz for 60 sec. (kV)	Flashover voltage kV a.c.	Operating Voltage DC/AC (V)	pcs
Polyamide stud insulators D=30												
MIB3006D30	30	HEX 30	9	6	900	4500	450	10,3	8	25	750	50
MIB3008D30	30	HEX 30	9	8	900	4500	450	25,5	8	25	750	50
MIB3506D30	35	HEX 30	11	6	900	4500	450	10,3	8	25	750	50
MIB3508D30	35	HEX 30	11	8	900	4500	450	25,5	8	25	750	50
MIB4006D30	40	HEX 30	11	6	900	4500	450	10,3	10	30	1000	50
MIB4008D30	40	HEX 30	11	8	900	4500	450	25,5	10	30	1000	50
MIB4506D30	45	HEX 30	15	6	900	4500	300	10,3	10	30	1000	50
MIB4508D30	45	HEX 30	15	8	900	4500	300	25,5	10	30	1000	50
MIB5506D30	55	HEX 30	15	6	900	4500	200	10,3	15	50	1500	25
MIB5508D30	55	HEX 30	15	8	900	4500	200	25,5	15	50	1500	25
MIB6506D30	65	HEX 30	15	6	900	4500	150	10,3	15	50	1500	25
MIB6508D30	65	HEX 30	15	8	900	4500	150	25,5	15	50	1500	25
MIB7006D30	70	HEX 30	15	6	900	4500	150	10,3	15	50	1500	25
MIB7008D30	70	HEX 30	15	8	900	4500	150	25,5	15	50	1500	25
Polyamide stud insulators D=40												
MIB3008D40	30	HEX 41	9	8	1200	6500	700	25,5	8	25	750	50
MIB3508D40	35	HEX 41	11	8	1200	6500	700	25,5	8	25	750	50
MIB4008D40	40	HEX 41	11	8	1200	6500	600	25,5	10	30	1000	50
MIB4010D40	40	HEX 41	11	10	1200	6500	600	50	10	30	1000	50
MIB4508D40	45	HEX 41	15	8	1200	6500	600	25,5	10	30	1000	50
MIB4510D40	45	HEX 41	15	10	1200	6500	600	50	10	30	1000	50
MIB5008D40	50	HEX 41	15	8	1200	6500	500	25,5	15	40	1500	25
MIB5010D40	50	HEX 41	15	10	1200	6500	500	50	15	40	1500	25
MIB5510D40	55	HEX 41	15	10	1200	6500	500	50	15	40	1500	25
MIB6010D40	60	HEX 41	15	10	1200	6500	500	50	15	40	1500	10
MIB6510D40	65	HEX 41	15	10	1200	6500	300	50	15	40	1500	10
MIB7010D40	70	HEX 41	15	10	1200	6500	300	50	15	40	1500	10

T.S. - Tensile strength | C.S. - Compression strength | B.S. - Bending strength

Dimensions



- Polyester resin with 20% fiberglass
- Zinc-plated steel - threaded inserts

Advantages

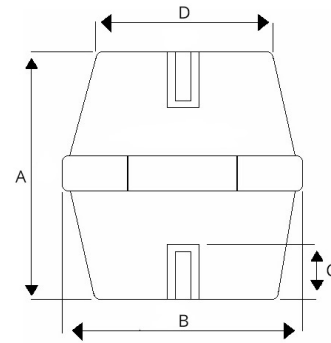
- Excellent insulation properties
- Easy fixing thanks to hexagonal perimeter
- Application flexibility with models of different size (height and width)
- High resistance to corrosion, high temperatures and electrical / mechanical stress

Technical specifications

- Colour red (RAL 3002)
- Operating temperature - 40 °C / + 130 °C
- Self-extinguishing grade UL94 - V0
- Arc resistance > 180 sec. (according to ASTM D-495)

Look more about materials at Comparison of materials on page 94.

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Code	Dimensions (mm)				Mechanical characteristics					Electrical characteristics			Package
	A	B	C	D	Thread	T.S. (daN)	C.S. (daN)	B.S. (daN)	Tightening torque (Nm)	Rated voltage at 50Hz for 60 sec. (kV)	Flashover voltage (kV a.c.)	Operating Voltage DC/AC (V)	(pcs)
MID2505H19	25	HEX 19	8	15	5	400	2300	220	6	8	25	600	100
MID2506H19	25	HEX 19	8	15	6	400	2300	220	10,3	8	25	600	100
MID3006H30	30	HEX 30	9	26	6	900	4900	450	10,3	10	30	750	50
MID3008H30	30	HEX 30	9	26	8	900	4900	450	25,5	10	30	750	50
MID3506H32	35	HEX 32	11	28	6	1100	7000	500	10,3	10	40	750	50
MID3508H32	35	HEX 32	11	28	8	1100	7000	500	25,5	10	40	750	50
MID3510H32	35	HEX 32	11	28	10	1100	7000	500	50	10	40	750	50
MID3606H41	36	HEX 41	11	33	6	1400	8300	650	10,3	12	40	1000	25
MID3608H41	36	HEX 41	11	33	8	1400	8300	650	25,5	12	40	1000	25
MID3610H41	36	HEX 41	11	33	10	1400	8300	650	50	12	40	1000	25
MID4006H46	40	HEX 46	15	40	6	1300	8300	700	10,3	12	40	1000	25
MID4008H46	40	HEX 46	15	40	8	1300	8300	700	25,5	12	40	1000	25
MID4010H46	40	HEX 46	15	40	10	1300	8300	700	50	12	40	1000	25
MID4506O41	45	OCT 41	15	33	6	1400	8500	740	10,3	15	40	1000	25
MID4508O41	45	OCT 41	15	33	8	1400	8500	740	25,5	15	40	1000	25
MID4510O41	45	OCT 41	15	33	10	1400	8500	740	50	15	40	1000	25
MID4512O41	45	OCT 41	15	33	12	1400	8500	740	87,2	15	40	1000	25
MID4506H46	45	HEX 46	15	40	6	1500	9000	750	10,3	15	40	1000	25
MID4508H46	45	HEX 46	15	40	8	1500	9000	750	25,5	15	40	1000	25
MID4510H46	45	HEX 46	15	40	10	1500	9000	750	50	15	40	1000	25
MID5006H36	50	HEX 36	15	29	6	1300	8000	650	10,3	20	50	1500	25
MID5008H36	50	HEX 36	15	29	8	1300	8000	650	25,5	20	50	1500	25
MID5010H36	50	HEX 36	15	29	10	1300	8000	650	50	20	50	1500	25
MID5012H36	50	HEX 36	15	29	12	1300	8000	650	87,2	20	50	1500	25
MID5012H50	50	HEX 50	15	42	12	1500	9500	750	87,2	20	50	1500	25
MID6008O55	60	OCT 55	15	43	8	2000	12500	800	25,5	20	50	1500	10
MID6010O55	60	OCT 55	15	43	10	2000	12500	800	50	20	50	1500	10

T.S. - Tensile strength | C.S. - Compression strength | B.S. - Bending strength

Code	Dimensions (mm)					Mechanical characteristics				Electrical characteristics			Package
	A	B	C	D	Thread	T.S. (daN)	C.S. (daN)	B.S. (daN)	Tightening torque (Nm)	Rated voltage at 50Hz for 60 sec. (kV)	Flashover voltage (kV a.c.)	Operating Voltage DC/AC (V)	(pcs)
MID6308H41	63	HEX 41	15	33	8	1600	9000	700	25,5	20	50	1500	10
MID6310H41	63	HEX 41	15	33	10	1600	9000	700	50	20	50	1500	10
MID6312H41	63	HEX 41	15	33	12	1600	9000	700	87,2	20	50	1500	10
MID7010H65	70	HEX 65	25	49	10	3000	15000	1200	50	25	50	2000	10
MID7012H65	70	HEX 65	25	49	12	3000	15000	1200	87,2	25	50	2000	10
MID7016H65	70	HEX 65	25	49	16	3000	15000	1200	210,8	25	50	2000	10
MID7512O65	75	OCT 65	26	51	12	3000	15000	1200	87,2	25	50	2000	5
MID7508H50	75	HEX 50	15	42	8	1800	9500	730	25,5	25	50	2000	5
MID7510H50	75	HEX 50	25	42	10	1800	9500	730	50	25	50	2000	5
MID7512H50	75	HEX 50	25	42	12	1800	9500	730	87,2	25	50	2000	5
MID8012H65	80	HEX 65	25	49	12	3500	16000	1300	87,2	30	50	3600	5
MID1002O65	100	OCT 65	25	51	12	4000	16500	1300	87,2	30	50	3600	5
MID1006O65	100	OCT 65	25	51	16	4000	16500	1300	210,8	30	50	3600	5

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Dimensions

