

Medium voltage insulators

for in- and outdoor use
12kV, 24kV and 36kV



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Medium voltage insulators

for indoor supporting – 12kV, 24kV und 36kV

Features

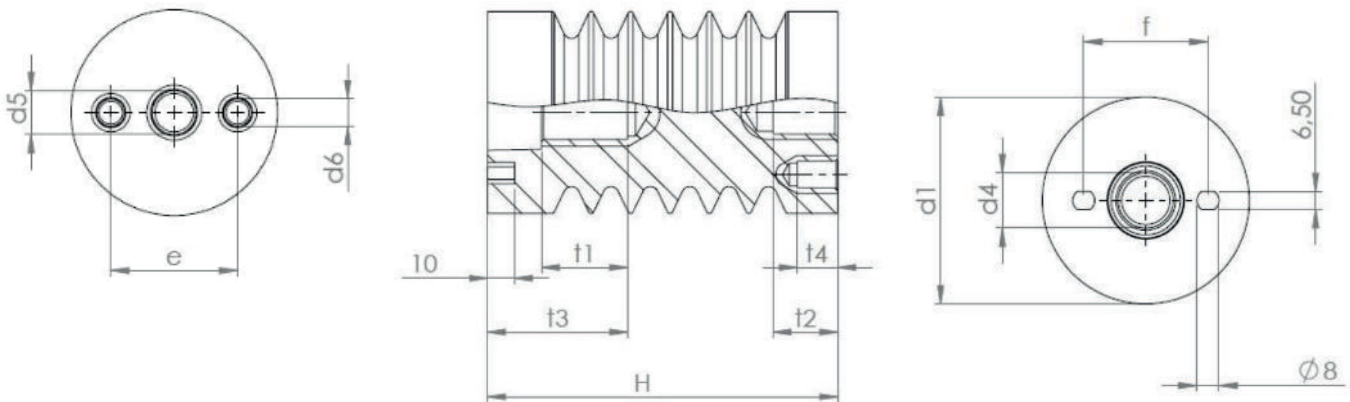
- Epoxy casting resin potting
- Wide operating temperature range from -25°C to +90°C
- Threaded bushings in the face electrically conductive
- Isolators optionally available with capacitive tap
- Customized versions on request
- Short delivery times

Benefits

Our medium-voltage insulators are primarily used in air-insulated switchgear and power distribution.

Due to the high temperature range, however, a variety of other applications are conceivable.

Thanks to our own tooling and our flexible potting facilities, customer-specific designs can be realized at short notice, which further increases the possible areas of application.



Elektrische Daten:

Type	Isolation level
10AN-1	12/28/75kV
10AN-2	12/28/75kV
10AN-3	12/28/75kV

Type	Isolation level
10BN	12/28/75kV
10CN	12/28/75kV
10CS	12/28/75kV

Type	Isolation level
20AS	24/50/125kV
20BS	24/50/125kV
20AN-1	24/50/125kV
20AN-2	24/50/125kV

Type	Isolation level
30AN	36/70/170kV
30BN	36/70/170kV
30CN	36/70/170kV

Mechanical data:

Type	Max. bending strength [kN]	H [mm]	d1 [mm]	d4	d5	d6	e [mm]	t1 [mm]	t2 [mm]	t3 [mm]	t4 [mm]	f [mm]	weight [kg]
10AN-1	8	130	60	M16	M10	M6	36	25	15	40	13	38	0,6
10AN-2	8	130	60	M16	-	M8	36	25	-	40	12	38	0,6
10AN-3	8	130	60	M16	-	M6	36	25	-	40	13	38	0,6
10BN	16	130	75	M20	M16	M10	46	30	24	50	15	45	0,9
10CN	16	130	91	M20	M16	M10	66	30	25	50	15	55	1,4
10CS	22	130	85	M20	M16	M10	46	30	24	50	15	55	1,2
20AS	7	175	76	M16	M10	M6	36	25	15	45	12	45	1,2
20BS	16	175	91	M20	M16	M10	46	30	25	50	15	50	1,7
20AN-1	7	210	75	M16	M10	M6	36	25	15	45	11	45	1,3
20AN-2	7	210	75	M16	-	M8	36	25	-	45	12	45	1,3
20BN	10	210	93	M20	M16	M10	46	36	30	55	15	50	2,2
20CN	16	210	110	M24	M16	M10	66	35	24	55	15	60	3,2
30AN	6	300	95	M16	M10	M6	36	25	15	45	11	45	2,9
30BN	10	330	110	M24	M16	M10	46	35	24	55	15	60	4,9
30CN	21	300	120	M30	M16	M10	66	45	24	65	15	70	5,1

Subject to technical changes.

Please note that the above data are standard values. Values deviating from these are available on request.

Medium voltage insulators with capacitive voltage tapping and optional voltage display system

Features

- Epoxy casting resin potting
- Available with optional voltage indication system from the MBS AG
- Can also be combined with high impedance (HR) and low impedance (LRM) capacitive voltage test systems according to IEC 61243-5
- Simple connection with coaxial cable to an LRM or HR interface
- Short delivery times



Medium voltage insulators for outdoor – 12kV, 24kV und 36kV



Cast resin feedthroughs and other molded parts according to customer requirements



- Current transformers for industry
- Current transformers for tariffs
- Accessories for current transformers
- Medium-voltage transformers

- Bus bar insulators / -supports
- Shunts
- Voltage transformers
- All current sensors
- Measuring transducers
- Energy meters with or without MID approval
- Accessories for energy meters
- Panel board heaters, filter fans, roof fans and control units



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