



Support insulators of epoxy resins

The insulators meet the requirements of the following standards:
PN-IEC 60273 (requirements) and
PN-EN 60660 (U) (tests)

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Technical parameters													
Designation	Highest working voltage	Rated dry withstand voltage, AC mains frequency	Rated bending strength		Rated lightning impulse withstand voltage	Dimensions				Number of lampshades	Opening in the lower fitting	Opening in the upper fitting	Insulator weight
			P50	P6		A	B	D	H				
	kV	kV	kN	kN	kV	mm	mm	mm	mm				kg
JO8-75	12	38	5,8	8	75	100	60	130	100	4	M16	M16	1,2
JO8-125	24	50	6,45	8	125	100	65	100	210	6	M20	M16	2,3
JO16-75	12	38	11,6	16	75	90	70	115	130	4	M20	M16	1,6
JO25-95	24	50	19,5	25	95	110	85	140	175	6	M20	M16	3,2
JO25-125	24	50	20	25	125	115	85	140	210	6	M24	M16	3,7

Technical parameters	
Creep current resistance at 2.5 kV	0,5 ÷ 7,5 h
Resistance to HV arc	180 ÷ 190 s
Deflection temperature according to Martens	>120°C
Charpy impact strength	>10 kJ/m ²
Dielectric strength	>23 kV/mm
Flexural strength	>100 MPa

Support insulators, made of cast epoxy material, are used for outdoor and indoor operation in alternating current installations or devices. They are designed to work in moderate climate conditions, i.e. at a temperature from -25°C to + 40°C and relative humidity up to 90%, in an atmosphere free of such pollutants as: dust, smoke, corrosive vapors and gases.

Support insulators consist of an insulating part and fittings embedded in epoxy. Depending on the application and customer requirements, insulators have various fittings made of non-ferrous metals or stainless steel. They can also be equipped with fittings with other thread diameters in the holes indicated by the customer.