

Insulators

Low and medium voltage insulator bodies made from C-110 and C-120 material comply to standard IEC 60672 available in either brown or white glaze. Brown glaze complies to RAL 8011, 8016, 8017.

Moulding techniques of extrusion and turning ensure tolerance according to DIN 40680.

Product range:

- Low voltage insulators
- Medium voltage insulators:
 - Post insulators for outdoor and indoor mounting
 - Line post insulators for overhead lines
 - Bushings and hollow insulators

Insulators are manufactured to meet current international standards (IEC, DIN, ANSI, ...) and according to client's requirements.

In agreement with the client, metal parts may be assembled using our cementing process.

The high quality of our products is assured by tests performed by recognised testing centre.

We have gained ISO 9001 certificate guaranteeing the high quality of our products.

Medium voltage insulator



Line post insulator type R-ET				
commercial designation	designation acc. to IEC 720	rated insulation [kV]	code No.	weight [kg]
LPI 24 N ET ¹	R 12,5 ET 125 N	24	006633043	9,7
LPI 24 L ET/5 ^{1,2}	R 12,5 ET 125 L	24	004021004	10,6
LPI 24 L ET/6 ^{1,2}	R 12,5 ET 125 L	24	006633044	9,9
LPI 38 L ET ¹	R 12,5 ET 170 L	36	004021006	11,7

- 1) LPI 24 and 38 insulators are available with or without a clamp
- 2) R 12.5 ET 125 L insulator made to client requirement with either 5 or 6 ribs

Line post insulator type R-EC				
commercial designation	designation acc. to IEC 720	rated insulation [kV]	code No.	weight [kg]
LPI 24 N NG	R 12,5 EC 125 N	24	006635002	10,6
LPI 24 L NG	R 12,5 EC 125 L	24	004021013	11,6
LPI 38 L NG	R 12,5 EC 170 L	36	004021009	14,0

Pin insulator type VHD and VHD-PbSb

designation acc. to DIN 48004	rated insulation [kV]	code No.	weight [kg]
VHD 10	12	006155220	1,8
VHD 15	17,5	006155221	2,4
VHD 20	24	006155222	4,0
VHD 20-PbSb	24	006633011	4,4
VHD 25*	24	006155223	5,4
VHD 25*-PbSb	24	006633012	6,1

VHD 25 insulator made to client's requirements

Post insulator for outdoor mounting type FSAR

designation acc. to DIN 43632	rated insulation [kV]	code No.	weight [kg]
FSAR 10	10	006680044	6,2
FSAR 20	20	006680107	11,2
FSAR 30	30	006680108	14,5

Post insulator for outdoor mounting type C

designation acc. to IEC 273	commercial designation	rated insulation [kV]	code No.	weight [kg]
C4-125 Class I		24	004042002	6,4
	**C4-125 Class II	24	006633033	7,3

**Insulator made according to customer specifications (ceramic and metal part)

Line pin insulators type EKO – 24

commercial designation	rated insulation [kV]	code No.	weight [kg]
EKO – 24 PbSb	24	006633031	3,7



Low voltage insulator

**Pin insulator type N**

commercial designation	designation acc. to DIN 48150	color	rated insulation [kV]	code No.	weight [kg]
N-80	-	brown	1	006154010	0,4
N-95	N95	brown	1	006154021	0,6
N-80	-	white	1	006155010	0,4
N-95	N95	white	1	006154020	0,6

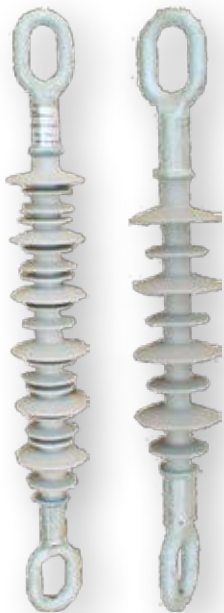
**Shackle insulator type S**

commercial designation	designation acc. to DIN 48154	rated insulation [kV]	code No.	weight [kg]
Z-80	S-80	1	006154040	0,5
Z-115	S-115	1	006154041	1,5

**Strain insulator type E**

designation acc. to DIN 48156	rated insulation [V]	code No.	weight [kg]
E-100	500	006154011	0,6

Tension insulator

**Advantages of polymers over ceramics:**

- 90% weight reduction
- Reduced breakage
- Lower installation costs
- Aesthetically more pleasing
- Improved resistance to vandalism
- Improved handling of shock loads
- Improved power frequency insulation
- Improved contamination performance