



CATALOGUE INSULATORS

**FAVEO
TENAX
NYIR MIX**

Unser Handelspartner in Deutschland



ISO 9001:2009
ISO 14001:2005

ivep[®]

FAVEO

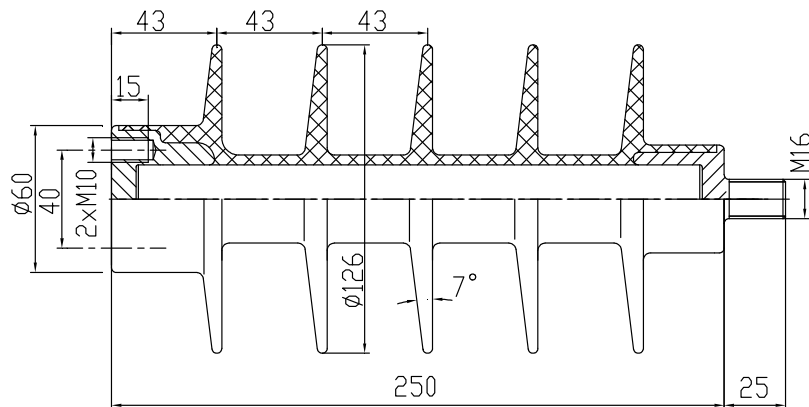
APPLICATION

Insulator for outdoor use in AC switchgear with voltage up to 25 kV. Main advantages are low weight, outstanding dielectric strength and extreme mechanical endurance.

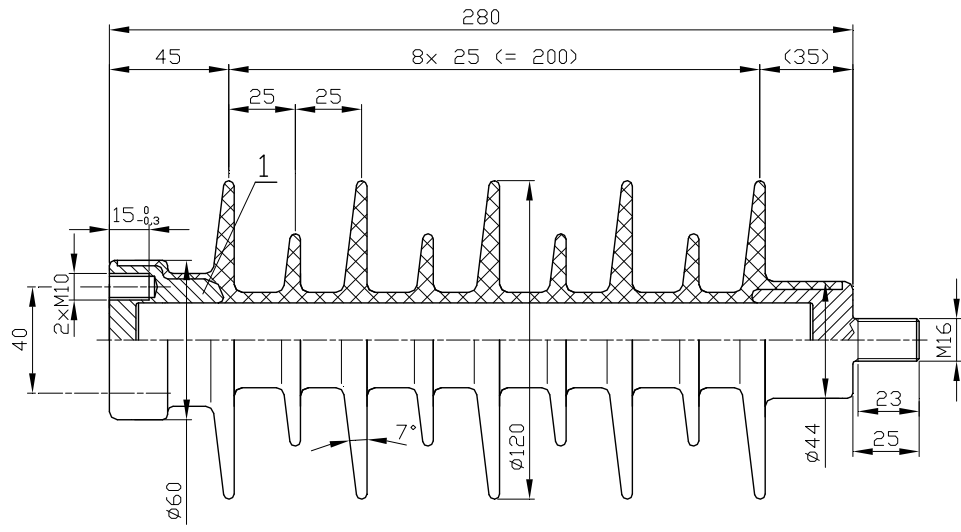
SPECIFICATION FAVEO

Type:	CBSZ2-24-00	FZY 3-25-4
Rated current	25 kV	25 kV
Insulation material:	silikon red silicone rubber	silikon red silicone rubber
Color of insulator (upon request):	red/gray	red
Creepage distance:	630 mm	775 mm
Nominal tensile strength:	25 kN	25 kN
Routine tensile load:	12,5 kN	12,5 kN
Nominal bending strength:	4 kN	4 kN
Rated lightning impulse withstand voltage 1,2/50 μ s :	125 kV	160 kV
Rated 1 minute power-frequency withstand voltage in dry and wet conditions	50 kV	80 kV
Mode of mechanical attachment:	závit M16 thread M16	závit M16 thread M16
Connecting material:	Galvanized steel	Galvanized steel
Weight	1,65 kg	1,89 kg
Applicable standard:	IEC 61109; ČSN IEC 1109:1996; ČSN EN 60694:2000; ČSN 34 8002:1972	IEC 61109; ČSN IEC 1109:1996; ČSN EN 60694:2000; ČSN 34 8002:1972

FAVEO CBSZ2-24-00 (630 MM)



FAVEO 3-25-4 (775 MM)



TENAX

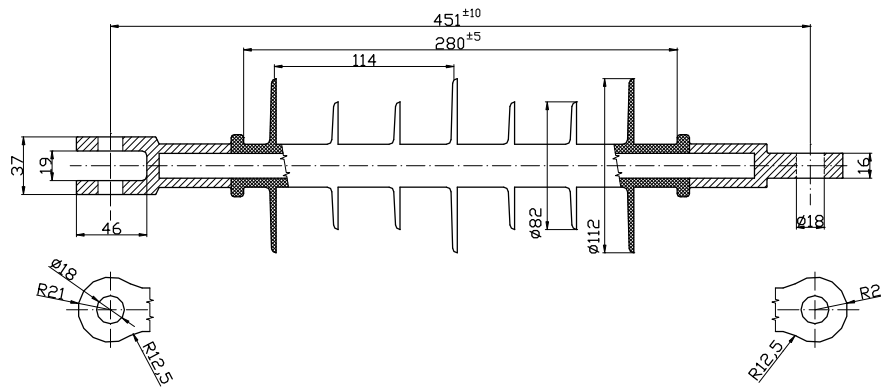
APPLICATION

The TENAX tensile composite insulators are used in outdoor power distribution networks of 25 kV or 38.8 kV rated voltages, for mechanical fastening and electrical isolation of conductors from the MV pole structure. They are featured by low weight, high insulation resistance and highest mechanical reliability.

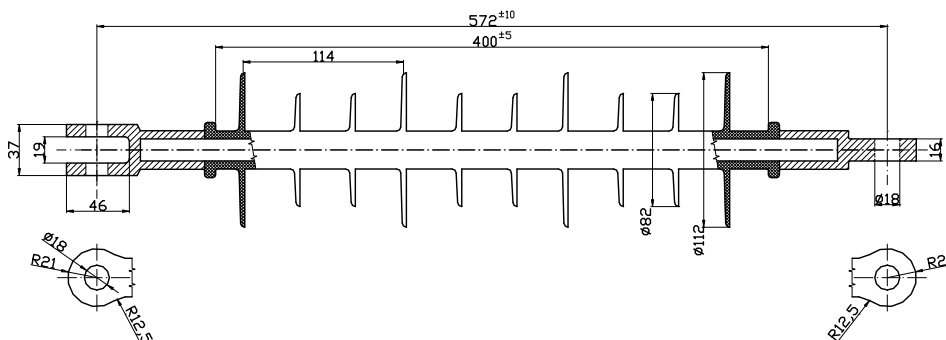
SPECIFICATION TENAX

Typ	TENAX FXBW 25/70	TENAX FXBW 38,5/70
Weight	1,5 kg	1,75 kg
Length	451 mm	572 mm
Insulation material	grey silicone rubber	
Material of the lug	galvanized steel forging	
Tensile strength	70 kN	70 kN
Highest torque load	50N/m	50 N/m
Rated voltage	25 kV	38,5 kV
Lightning impulse test voltage	286 kV	325 kV
Short-time power frequency (50 Hz) withstand voltage in dry conditions	100 kV	165 kV
Short-time power frequency (50 Hz) withstand voltage in wet conditions	80 kV	140 kV
Leakage current path distance	668 mm	884 mm

TENAX FXBW 25/70



TENAX FXBW 38,5/70

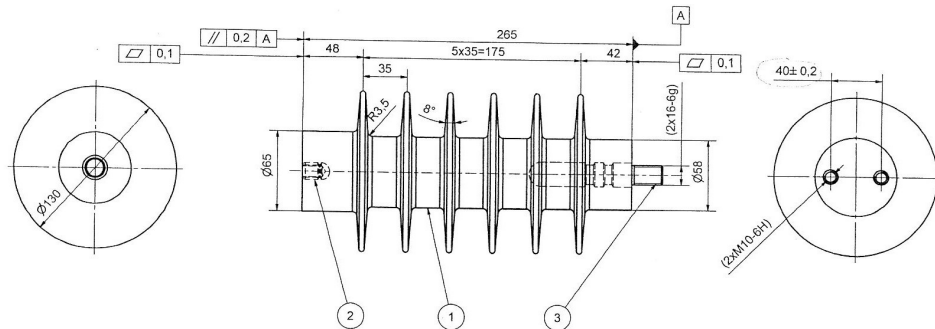


NYIR MIX

APPLICATION

Insulator for outdoor use in AC switchgear with voltage up to 25 kV. Main advantages are low weight, outstanding dielectric strength and extreme mechanical endurance.

Type:	NYIR-MIX 25
Rated current	25 kV
Insulation material:	epoxi
Creepage distance:	635 mm
Height insulation	265 mm
Nominal bending strength:	4kN
Rated lightning impulse withstand voltage 1,2/50 μ s :	125 kV
Rated 1 minute power-frequency withstand voltage in dry and wet conditions	50 kV
Mode of mechanical attachment:	thread M16
Connecting material:	Galvanized steel
Weight	2,20 kg
Applicable standard:	ČSN IEC 1109:1996; ČSN EN 60660:2001; ČSN EN 60168:1997



4. NAMÁHÁNÍ V OHYBU 5000 N
3. PRO ZÁVIT M16 BUDE PŘEDEPSÁN UTAHOVACÍ MOMENT 140 Nm,
PRO ZÁVIT M10 BUDE UTAHOVACÍ MOMENT 60 Nm
2. VÝKRES SLOUŽÍ K VYJÁDRĚNÍ POŽADAVKU ODBĚRATELE (IVEP s.s.)
NA VÝROBCE IZOLÁTORU
1. POVROHOVÁ DRÁHA IZOLÁTORU 635 mm

(1 : 5)



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