

CLZ-FPT

Tubular capacitor, Faston terminal



Description

The **CLZ** tubular capacitor range is composed of capacitors with a tubular casing, of the dry-type, covering a wide range of power and voltage ratings, at 50 and 60 Hz. The design, manufacturing and testing processes of **CLZ** tubular capacitors guarantee the production of top quality and long lasting capacitors.

CLZ capacitors are composed of three basic units, which are introduced in a cylindrical metallic casing that is filled in with a gel, fulfilling the dielectric and mechanical housing functions.

Application

Its application is based on the compensation in installations with fixed and variable loads (capacitor banks).

Features

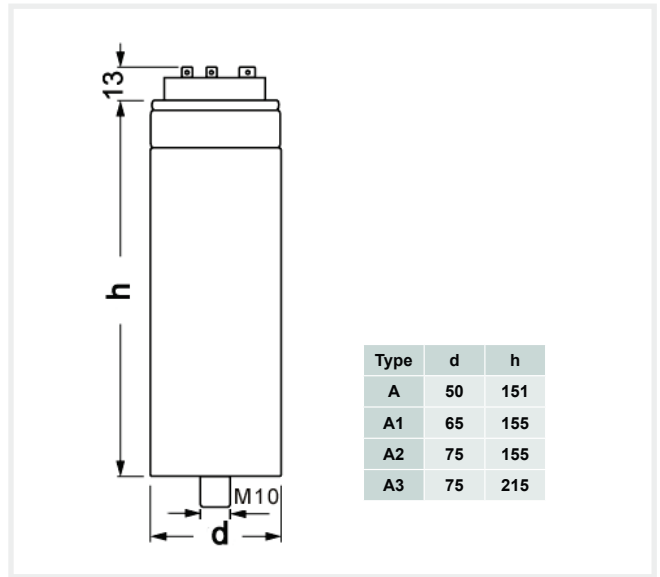
Features		
Overcurrent		1.3 times the rated current permanently
Overvoltage		10 % 8 over 24 hours
		15 % up to 30 minutes over 24 hours
		20 % up to 5 minutes over 24 hours
		30 % up to 1 minute over 24 hours
Insulation level		3 / 15 kV
Tolerance		-5...+15 %
Discharge resistance		75 V / 3 minutes
Frequency		50 or 60 Hz
Losses:	<ul style="list-style-type: none"> • Dielectric • Total 	CLZ system levels: < 0.2 W / kvar < 0.4 W / kvar
Protections		<ul style="list-style-type: none"> • Dielectric regeneration • Expansion system
Construction features		
Enclosure		Aluminium
Power terminals		Faston type
Fixing screws		M10
Degree of protection		IP 00 for CLZ-FPT and CLZ-FP >30 kvar IP 20 for CLZ-FP ≤ 30 kvar IP 54 for CLZ-FP with terminal cover
Ambient conditions		
Class D temperature:	Daily mean	45 °C
	Annual mean	35 °C
	Maximum	50 °C
	Minimum	-25 °C
Humidity		80 % RH
Altitude		2,000 m
Assembly conditions		
Type of assembly		Vertical
Ventilation		Natural or forced, depending on the cabinet design
Distance between capacitors		Minimum, 2 cm
Standards		
CEI 60831-1, CEI 70/7, UNE 20827, UNE 20010, BS 1650, VDE 560		

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Dimensions



References

kvar (50 Hz)		kvar (60 Hz)		Dimensions mm (d x h)	Weight (kg)	Type Fig.	Type	Code
400 V	440 V	400 V	400 V					
2	2,5	2,5		50 x 151	0,3	A	CLZ-FPT-44/2.5	R20574
2,5	3	3		50 x 151	0,3	A	CLZ-FPT-44/3	R20575
4	5	5		65 x 155	0,5	A1	CLZ-FPT-43/5	R20578
5	6,25	6		75 x 155	0,7	A2	CLZ-FPT-44/6.25	R20579
6,25	7,5	7,5		75 x 215	1	A3	CLZ-FPT-44/7.5	R2057A