

CLZ-FP-24/6,25-UHD-60 Hz

CLZ-FP-24/6,25-UHD-60 Hz, Three-phase tubular power capacitor

Code: R2HM27.

> Terminal: Sigut
> Frequency (Hz): 60
> kvar (240 V): 6,25
> Use voltage (V): 240

Description

The CLZ-FP-UHD range are resin-impregnated tube-shell capacitors, covering a wide range of power ratings and nominal voltages at 50 or 60 Hz. They are designed to work in installations with the most rigorous working conditions. Their design, manufacturing and testing processes guarantee the production of durable and highly reliable equipment.

Application

Its application is based on compensation in installations with static or variable loads (capacitor banks). Especially designed to be installed in roughly environments with the most extreme conditions due to its longer life and high temperature resistance.



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Specifications

AC power supply

Frequency	60 Hz

Electrical characteristics

Losses (W)	Total: < 0,4 W / kvar
Discharge resistance	75 V / 3 min
Surge	10 % 8h in 24 h 15 % up to 30 min in 24 hours 20 % up to 5 min in 24 hours 30 % up to 1 min in 24 hours
Maximum transient current	1,8 In
Voltage	240 V
Insulation voltage, circuit	3 / - kV

Mechanical characteristics

Size (mm) width x height x depth	85 x 175 x 85 (mm)
Envelope	Aluminum
Thermal management	Natural or forced depending on the cabinet
Fastening	M12 fastening screws earth conductor
Weight (kg)	1,3

Environmental characteristics

Protection class	IP 20
Relative humidity (without condensation)	95%
Installation, location, position.	Vertical / Horizontal. Minimum distance between condensers 2 cm.
Working temperature	T^a class D: Daily average: 45 °C, annual average: 35 °C, maximum: 65 °C, minimum: -50 °C

Standards

Certifications	IEC 60831
Electrical safety, Maximum height (m)	4000
Standards	IEC 60831

Protection

Circuit breaker type	Dielectric regeneration Expansion system

CLZ-FP UHD 60Hz
Three-phase tubular capacitors (Ultra Heavy Duty series)

CODE	TYPE	Use voltage (V)	Frequency (Hz)	kvar (240 V)	kvar (480 V)	kvar (525 V)	kvar (600 V)
R2HM26.	CLZ-FP-24/5-UHD-60 Hz	240	60	5			



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CODE	TYPE	Use voltage (V)	Frequency (Hz)	kvar (240 V)	kvar (480 V)	kvar (525 V)	kvar (600 V)
R2HM27.	CLZ-FP-24/6,25-UHD-60 Hz	240	60	6,25			
R2HM2B.	CLZ-FP-24/10-UHD-60 Hz	240	60	10			
R2HM2D.	CLZ-FP-24/12,5-UHD-60 Hz	240	60	12,5			
R2HM2E.	CLZ-FP-24/15-UHD-60 Hz	240	60	15			
R2HM6E.	CLZ-FP-48/15-UHD-60 Hz	480	60		15		
R2HM6J.	CLZ-FP-48/20-UHD-60 Hz	480	60		20		
R2HM6L.	CLZ-FP-48/25-UHD-60 Hz	480	60		25		
R2HM77.	CLZ-FP-52/6,25-UHD-60 Hz	525	60			6,25	
R2HM7D.	CLZ-FP-52/12,5-UHD-60 Hz	525	60			12,5	
R2HM7J.	CLZ-FP-52/20-UHD-60 Hz	525	60			20	
R2HM7T.	CLZ-FP-52/22,5-UHD-60 Hz	525	60			22,5	
R2HM7L.	CLZ-FP-52/25-UHD-60 Hz	525	60			25	
R2HM7N.	CLZ-FP-52/30-UHD-60 Hz	525	60			30	
R2HM7S.	CLZ-FP-52/37,5-UHD-60 Hz	525	60			37,5	
R2HM8E.	CLZ-FP-60/15-UHD-60 Hz	600	60				15
R2HM8N.	CLZ-FP-60/30-UHD-60 Hz	600	60				30

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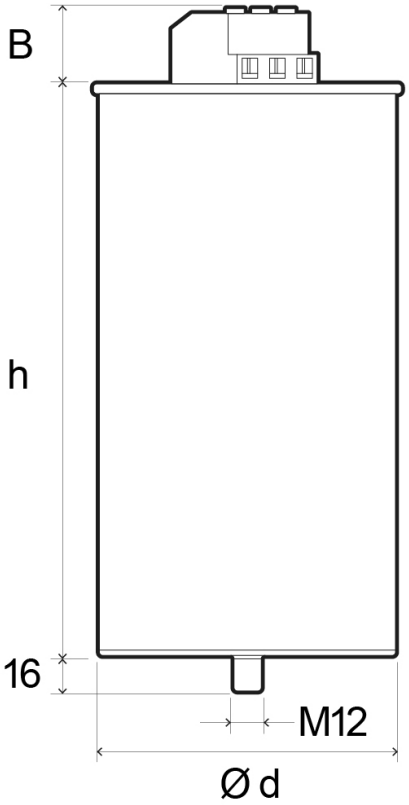
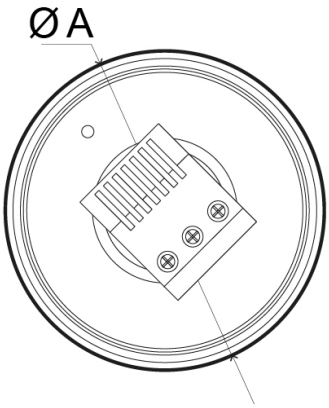
Dimensions





mm	d Ø	h	B	A Ø
85x175	85	175	31	90
85x245	85	245	31	90
100x245	100	245	31	105
116x245	116	245	35	121
136x220	136	220	35	141
136x261	136	261	35	141
136x355	136	355	46	141

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