



CLZ-FP-48/20-UHD-60 Hz

CLZ-FP-48/20-UHD-60 Hz, Three-phase tubular power capacitor

Code: R2HM6J.

- > Terminal: Sigut
- > Frequency (Hz): 60
- > kvar (480 V): 20
- > Use voltage (V): 480

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
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Electrical characteristics

Permanent overload	1,8 In
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
Voltage	480 V
Insulation voltage, circuit	3 / - kV

Mechanical characteristics

Size (mm) width x height x depth	100 x 245 x 100 (mm)
Screw type	M10
Envelope	Aluminum
Fastening	M12 fastening screws earth conductor
Ventilation	Natural or forced depending on the cabinet
Weight (kg)	2,2

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
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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)
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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			
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			
R2HM6B.	CLZ-FP-48/10-UHD-60 Hz	480	60		10		
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	
R2HM7U.	CLZ-FP-52/7,5-UHD-60 Hz	525	60			7,5	
R2HM7B.	CLZ-FP-52/10-UHD-60 Hz	525	60			10	
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	
R2HM7Q.	CLZ-FP-52/36-UHD-60 Hz	525	60			36	
R2HM7S.	CLZ-FP-52/37,5-UHD-60 Hz	525	60			37,5	
R2HM8B.	CLZ-FP-60/12,5-UHD-60 Hz	600	60				12,5
R2HM8E.	CLZ-FP-60/15-UHD-60 Hz	600	60				15
R2HM8F.	CLZ-FP-60/16,5-UHD-60 Hz	600	60				16,5
R2HM8I.	CLZ-FP-60/17,5-UHD-60 Hz	600	60				17,5
R2HM8J.	CLZ-FP-60/20-UHD-60 Hz	600	60				20
R2HM8M.	CLZ-FP-60/22,5-UHD-60 Hz	600	60				22,5
R2HM8L.	CLZ-FP-60/25-UHD-60 Hz	600	60				25
R2HM8N.	CLZ-FP-60/30-UHD-60 Hz	600	60				30



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Dimensions

