



CLZ-FP-52/20-UHD-60 Hz

CLZ-FP-52/20-UHD-60 Hz, Three-phase tubular power capacitor

Code: R2HM7J.

- > Terminal: Sigut
- > Frequency (Hz): 60
- > kvar (525 V): 20
- > Use voltage (V): 525

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

| | |
|-----------------------------|---|
| 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 | 525 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 |
|----------------------|--|

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

