

CLP-C

CLZ capacitor with circuit breaker and contactor



Description

The fixed capacitors of the **CLP-C** series are single-step units that have been designed for Power factor correction procedures in individual scenarios or under constant load.

Application

Its application is mainly focused on the compensation of motors, transformers and installations under constant load, providing a signal that connects to the capacitor with a contactor switching operation.

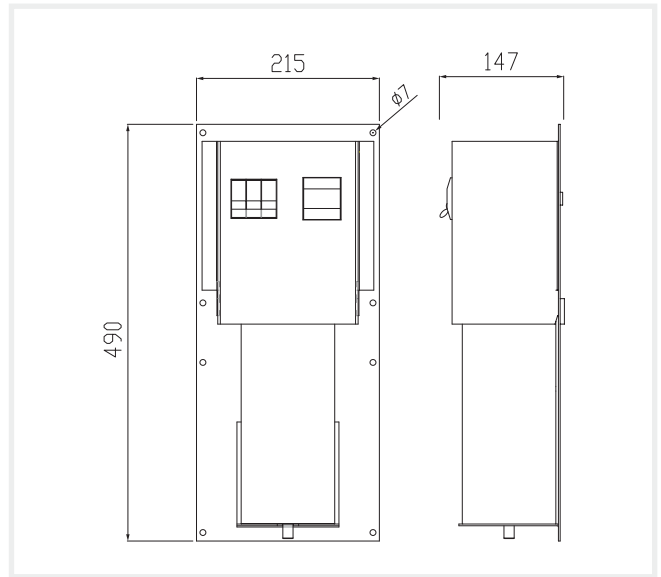
Features

Features		
Operating voltage		230, 400 V (for other voltages, please ask)
Support voltage (400 V)		440 V
Capacity tolerance		± 10%
Unit composed of		<ul style="list-style-type: none"> • CLZ capacitor • Contactors with pre-insertion block and quick discharge resistor • Header protection with circuit breaker
Insulation level		3 / 15 kV
Discharge resistance		75 V / 3 minutes
Overload		1.3 times the rated current permanently
Overvoltage		<ul style="list-style-type: none"> • 10% 8 over 24 hours • 15% up to 15 minutes over 24 hours • 20% up to 5 minutes over 24 hours • 30% up to 1 minutes over 24 hours
Contactor operating voltage		230 V
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
Construction features		
Degree of protection		IP 21
Colour		RAL 7035 Grey RAL 3005 Maroon
Assembly conditions		
Type of assembly		Vertical
Ventilation		Natural
Standards		
CEI 60831-1, CEI 70/7, UNE 20827, UNE 20010, BS 1650, VDE 560		

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Dimensions



References

kvar		Cut off power (kA)	(A)	Cable section (mm ²)	Weight (kg)	Dimensions (mm) width x height x depth	Type	Code
440 V	400 V							
2,5	2	6 kA	3,3	6		215 x 490 x 147	CLP-C-44/2,5	R22574
3	2,5	6 kA	3,9	6		215 x 490 x 147	CLP-C-44/3	R22575
5	4	6 kA	6,6	6		215 x 490 x 147	CLP-C-44/5	R22578
6,25	5	6 kA	8,2	6		215 x 490 x 147	CLP-C-44/6,25	R22579
7,5	6	6 kA	10	6		215 x 490 x 147	CLP-C-44/7,5	R2257A
10	8	6 kA	13	6		215 x 490 x 147	CLP-C-44/10	R2257C
12,5	10	6 kA	16	6		215 x 490 x 147	CLP-C-44/12,5	R2257D
15	12,5	6 kA	20	6		215 x 490 x 147	CLP-C-44/15	R2257E
20	17	6 kA	26	10		215 x 490 x 147	CLP-C-44/20	R2257F
25	21	6 kA	33	10		215 x 490 x 147	CLP-C-44/25	R2257G