



CLZ-FP-46/33.3-HD

CLZ-FP-46/33.3-HD, Three-phase tubular power capacitor

Code: R2H55P.

- > Terminal: B
- > Frequency (Hz): 50
- > kvar (440 V): 30,5
- > kvar (460 V): 33,3
- > Use voltage (V): 460

Specifications

AC power supply

Frequency	50 Hz
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Electrical characteristics

Losses (W)	Dielectric: < 0,2 W / kvar Total: < 0,4 W / kvar
Discharge resistance	49 V / 1 min (0,5 - 30 kvar) 75 V / 3 min (33 - 50 kvar)
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
Tolerance C	-5 ... +10 %
Maximum phase current	400 x In
Voltage	460 V
Insulation voltage, circuit	3 / 8 kV

Mechanical characteristics

Size (mm) width x height x depth	136 x 296 x 136 (mm)
Envelope	Aluminum
Fastening	M12 fastening screws earth conductor
Ventilation	Natural or forced depending on the cabinet
Weight (kg)	3,2

Environmental characteristics

Protection class	IP 20 / IP 54 with terminal cover (optional) (for models Ø 85, 100, 116 mm)
Relative humidity (without condensation)	95%
Installation, location, position.	Vertical / Horizontal. Minimum distance between condensers 2 cm.
Working temperature	T° class D: Daily average: 45 °C, annual average: 35 °C, maximum: 65 °C, minimum: -50 °C

Standards

Certifications	VDE 560
Electrical safety, Maximum height (m)	4000
Standards	IEC 60831-1-1/2

Current measurement circuit

Allowable overload	1,8 In
Permanent overload	1,8 In



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Protection

Circuit breaker type	Dielectric regeneration Expansion system
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CLZ-FP HD 50Hz

CODE	TYPE	kvar (220 V)	kvar (230 V)	Use voltage (V)	kvar (400 V)	kvar (440 V)	kvar (460 V)	kvar (480 V)	kvar (500 V)	kvar (525 V)	kvar (660 V)	kvar (690 V)
Faston terminal, Un = 3 x 230 V / 50 Hz												
R2H511.	CLZ-FPT-23/1,25-HD	1,15	1,25	230								
R2H812.	CLZ-FPT-23/2,5-HD	2,3	2,5	230								
Terminal block, Un = 3 x 230 V / 50 Hz												
R2H516.	CLZ-FP-23/5-HD	4,6	5	230								
R2H517.	CLZ-FP-23/6,25-HD	5,7	6,25	230								
R2H518.	CLZ-FP-23/7,5-HD	6,8	7,5	230								
R2H51B.	CLZ-FP-23/10-HD	9,15	10	230								
R2H51D.	CLZ-FP-23/12,5-HD	11,4	12,5	230								
R2H51E.	CLZ-FP-23/15-HD	13,75	15	230								
Faston terminal, Un = 3 x 440 V / 50 Hz												
R2H541.	CLZ-FPT-44/1,25-HD			400 440	1	1,25						
R2H542.	CLZ-FPT-44/2,5-HD			400 440	2	2,5						
R2H543.	CLZ-FPT-44/3-HD			400 440	2,5	3						
R2H544.	CLZ-FPT-44/3,75-HD			400 440	3	3,75						
R2H546.	CLZ-FPT-44/5-HD			400 440	4	5						
R2H547.	CLZ-FPT-44/6,25-HD			400 440	5	6,25						
R2H848.	CLZ-FPT-44/7,5-HD			400 440	6,25	7,5						
Terminal block, Un = 3 x 440 V / 50 Hz												
R2H54B.	CLZ-FP-44/10-HD			400 440	8	10						
R2H54D.	CLZ-FP-44/12,5-HD			400 440	10	12,5						
R2H54E.	CLZ-FP-44/15-HD			400 440	12,5	15						
R2H54G.	CLZ-FP-44/18,2-HD			400 440	15	18,2						
R2H54J.	CLZ-FP-44/20-HD			400 440	16	20						
R2H54L.	CLZ-FP-44/25-HD			400 440	20	25						
R2H54M.	CLZ-FP-44/28-HD			400 440	23	28						
R2H54N.	CLZ-FP-44/30-HD			400 440	25	30						
R2H54R.	CLZ-FP-44/40-HD			400 440	32	40						
R2H54S.	CLZ-FP-44/50-HD			400 440	40	50						
Faston terminal, Un = 3 x 460 V / 50 Hz												
R2H857.	CLZ-FPT-46/6,25-HD			460		5,7	6,25					
Terminal block, Un = 3 x 460 V / 50 Hz												
R2H55D.	CLZ-FP-46/12,5-HD			460		11,4	12,5					
R2H55E.	CLZ-FP-46/15-HD			460		13,7	15					



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R2H55H.	CLZ-FP-46/19-HD			460		17,4	19					
R2H55L.	CLZ-FP-46/25-HD			460		22,9	25					
R2H55N.	CLZ-FP-46/30-HD			460		27,4	30					
R2H55P.	CLZ-FP-46/33.3-HD			460		30,5	33,3					
Faston terminal, Un = 3 x 480 V / 50 Hz												
R2H862.	CLZ-FPT-48/2,5-HD			480			2,3	2,5				
R2H866.	CLZ-FPT-48/5-HD			480			4,6	5				
R2H868.	CLZ-FPT-48/7,5-HD			480			6,9	7,5				
Terminal block, Un = 3 x 480 V / 50 Hz												
R2H56B.	CLZ-FP-48/10-HD			480			9,2	10				
R2H56D.	CLZ-FP-48/12,5-HD			480			11,5	12,5				
R2H56E.	CLZ-FP-48/15-HD			480			13,8	15				
R2H56J.	CLZ-FP-48/20-HD			480			18,4	20				
R2H56L.	CLZ-FP-48/25-HD			480			23	25				
R2H56M.	CLZ-FP-48/28,2-HD			480			26	28,2				
R2H56N.	CLZ-FP-48/30-HD			480			27,6	30				
R2H56R.	CLZ-FP-48/40-HD			480			36,75	40				
Faston terminal, Un = 3 x 525 V / 50 Hz												
R2H872.	CLZ-FPT-52/2,5-HD			525				2,3	2,5			
R2H873.	CLZ-FPT-52/3-HD			525				2,7	3			
R2H875.	CLZ-FPT-52/4-HD			525				3,6	4			
R2H876.	CLZ-FPT-52/5-HD			525				4,5	5			
R2H877.	CLZ-FPT-52/6,25-HD			525				5,7	6,25			
R2H878.	CLZ-FPT-52/7,5-HD			525				6,8	7,5			
Terminal block, Un = 3 x 525 V / 50 Hz												
R2H579.	CLZ-FP-52/8-HD			525				7,25	8			
R2H57B.	CLZ-FP-52/10-HD			525				9,1	10			
R2H57D.	CLZ-FP-52/12,5-HD			525				11,3	12,5			
R2H57E.	CLZ-FP-52/15-HD			525				13,6	15			
R2H57J.	CLZ-FP-52/20-HD			525				18,15	20			
R2H57L.	CLZ-FP-52/25-HD			525				22,7	25			
R2H57N.	CLZ-FP-52/30-HD			525				27,2	30			
R2H57P.	CLZ-FP-52/37,5-HD			525				34	37,5			
R2H57R.	CLZ-FP-52/40-HD			525				36,3	40			
R2H57S.	CLZ-FP-52/50-HD			525				45,4	50			
Faston terminal, Un = 3 x 690 V / 50 Hz												
R2H892.	CLZ-FPT-69/2,5-HD			690						2,3	2,5	
R2H896.	CLZ-FPT-69/5-HD			690						4,6	5	
Terminal block, Un = 3 x 690 V / 50 Hz												
R2H598.	CLZ-FP-69/7,5-HD			690						6,9	7,5	



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R2H59B.	CLZ-FP-69/10-HD			690							9,15	10
R2H59D.	CLZ-FP-69/12,5-HD			690							11,4	12,5
R2H59E.	CLZ-FP-69/15-HD			690							13,7	15
R2H59J.	CLZ-FP-69/20-HD			690							18,3	20
R2H59L.	CLZ-FP-69/25-HD			690							22,9	25
R2H59N.	CLZ-FP-69/30-HD			690							27,5	30
R2H59R.	CLZ-FP-69/40-HD			690							36,6	40
R2H59S.	CLZ-FP-69/50-HD			690							45,75	50



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Dimensions

