



CRH, 3CRH SERIES

SPARK QUENCHER



Features

- 500Vac rating for application in high voltage phase control
- Flexible wire leads with external mounting tab
- 6 and 10 watt non-inductive, high pulse resistor

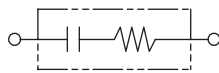
Applications

- 500Vac line automatic machines and office appliances.



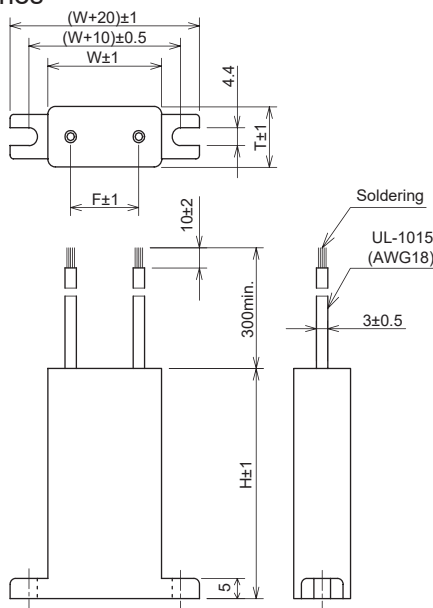
• CRH Series

• Circuit



Dimensions

CRH Series



Safety Standard	File No.
UL :UL60384-14	E47474

* File No. may be revised without notice. Please contact us at the time of your request for certifications.

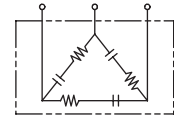
Model numbering system

Supported Series Name number	Capacitance	Resistance
None 1 Phase	10 0.1μF	270 27Ω
3 3 Phase	20 0.22μF	330 33Ω
	30 0.33μF	470 47Ω
	50 0.47μF	680 68Ω

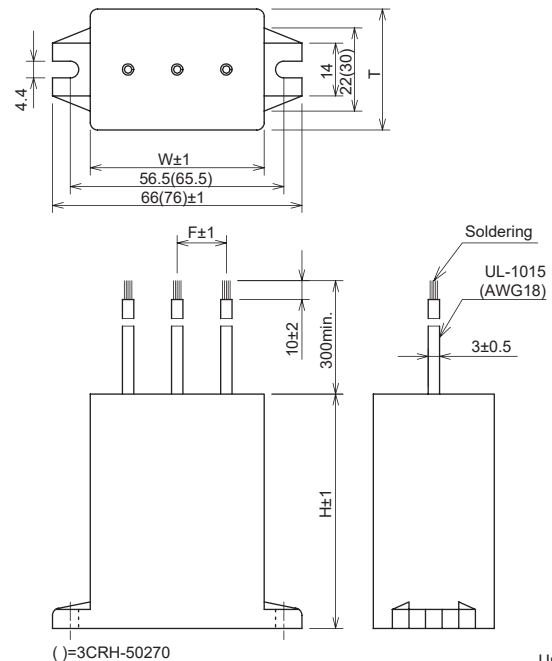
The combination of Resistance and Capacitance is shown in following chart.

3CRH Series (3 Phase)

• Circuit



3CRH Series (3 Phase)



Unit: mm

Electrical Specifications

Rated Voltage **500Vac**

Safety Standard	Class	Model Number	Capacitance μF±20%	Resistance Ω±30%	Dimensions(mm)				Pulse condition (max.)				Peak Pulse Voltage	Test Voltage	Insulation Resistance
					W	H	T	F	Peak to peak	Pulse width	Repetitive frequency	Pulse width (sec) x Frequency (Hz)			
UL	X2	CRH-10680	0.1	68(6W)	30	57	15	18	1,000V	50msec.	720Hz	1.0	Line to Line 1,250Vac 50/60Hz 60sec Line to Case 2,000Vac 50/60Hz 60sec	Line to Line 10,000Ωmin. Line to Case 100,000Ωmin. (at 500Vdc)	
		CRH-20470	0.22	47(6W)											
		CRH-30330	0.33	33(6W)											
		CRH-50270	0.47	27(10W)	40	20	28								
		3CRH-30330	0.33/1 phase	33 (6W)/1 phase				46							62
3CRH-50270	0.47/1 phase	27(10W)/1 phase	56	62	40	18									

*Peak to peak value of pulse condition (max.) is the maximum pulse voltage that is overlapped to line voltage and can apply between terminals of spark quencher.

Operating Temperature: -40~+70°C