



# 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

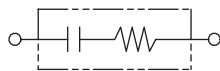
## Applications

- 500Vac line automatic machines and office appliances.



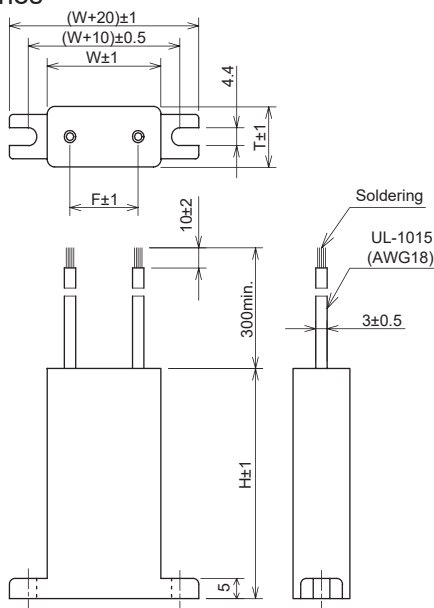
• CRH Series

• 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.

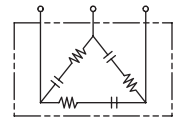
## Model numbering system

Supported Series Name number	Phase	Capacitance	Resistance
None	1 Phase	10 0.1 $\mu$ F	270 27 $\Omega$
2	2 Phase	20 0.22 $\mu$ F	330 33 $\Omega$
3	3 Phase	30 0.33 $\mu$ F	470 47 $\Omega$
		50 0.47 $\mu$ F	680 68 $\Omega$

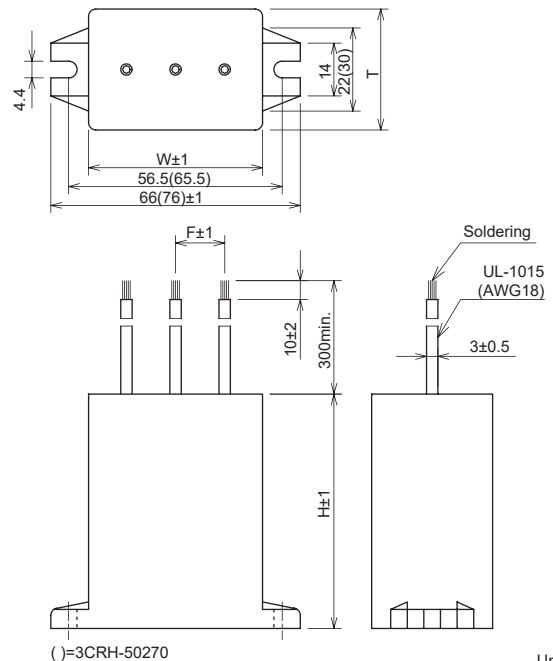
The combination of Resistance and Capacitance is shown in following chart.

## 3CRH Series (3 Phase)

• Circuit



### 3CRH Series (3 Phase)



( )=3CRH-50270

Unit: mm

## Electrical Specifications

Rated Voltage **500Vac**

Safety Standard	Class	Model Number	Capacitance $\mu$ F $\pm$ 20%	Resistance $\Omega$ $\pm$ 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	1,500V	Line to Line 1,250Vac 50/60Hz 60sec Line to Case 2,000Vac 50/60Hz 60sec	Line to Line 10,000M $\Omega$ min. Line to Case 100,000M $\Omega$ min. (at 500Vdc)
		CRH-20470	0.22	47(6W)			70msec.	0.3							
		CRH-30330	0.33	33(6W)			100msec.	0.2							
		CRH-50270	0.47	27(10W)	40	28									
		3CRH-30330	0.33/1 phase	33 (6W)/1 phase	46	62	32	13							
		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