



# 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.



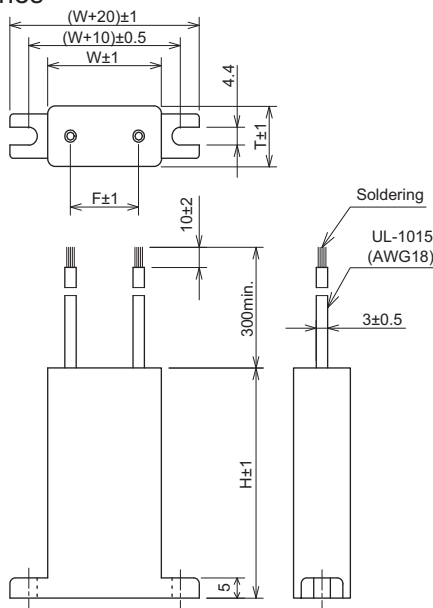
• CRH Series

• Circuit



## Dimensions

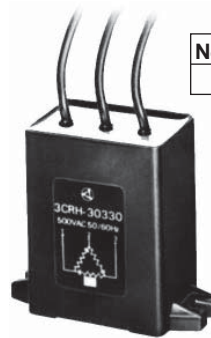
### CRH Series



Safety Standard	File No.
UL	:UL60384-14 E47474

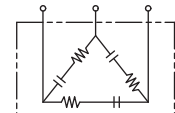
## Model numbering system

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



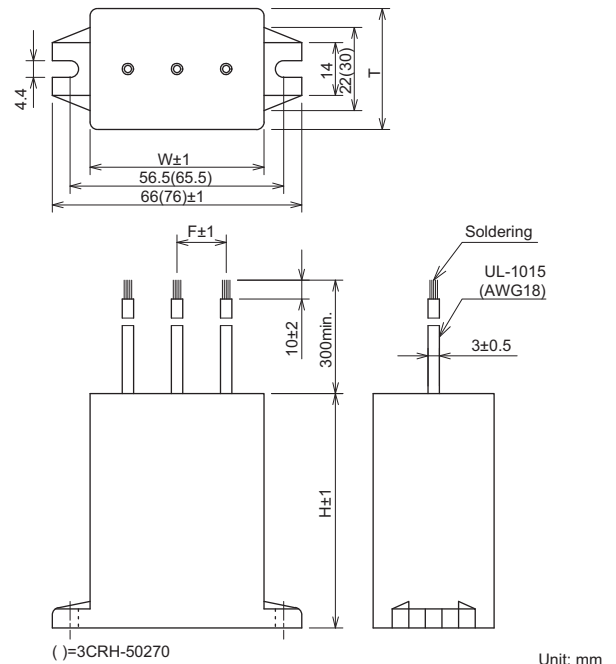
• 3CRH Series (3 Phase)

• Circuit



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

### 3CRH Series (3 Phase)



Unit: mm

## Electrical Specifications

Rated Voltage **500Vac**

Safety Standard	Model Number	Capacitance $\mu$ F $\pm$ 20%	Resistance $\Omega$ $\pm$ 30%	Dimensions				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)			
	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)			20	28				0.3			
	CRH-30330	0.33	33(6W)			40	40				0.2			
	CRH-50270	0.47	27(10W)	46	62	32	13	100msec.	0.2					
	3CRH-30330	0.33/1 phase	33 (6W)/1 phase	46	62	32	13	100msec.	720Hz	0.2	1,500V	Line to Line 10,000M $\Omega$ min. Line to Case 100,000M $\Omega$ min. (at 500Vdc)		
	3CRH-50270	0.47/1 phase	27(10W)/1 phase	56	62	40	18	100msec.	720Hz	0.2	1,500V	Line to Line 10,000M $\Omega$ min. Line to Case 100,000M $\Omega$ min. (at 500Vdc)		

Operating Temperature: -40~+70°C