



CRH, 3CRH SERIES

SPARK QUENCHER



Features

- 500Vac rating for application in high voltage phase control

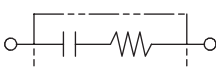
Applications

- 500Vac line automatic machines and office appliances.

• CRH Series

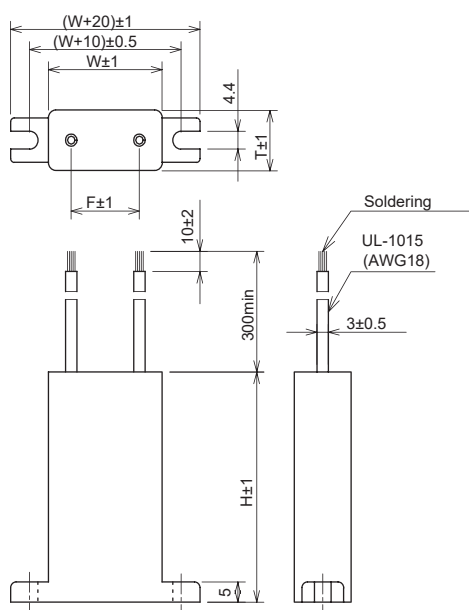


• Circuit



• Dimensions

CRH



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.

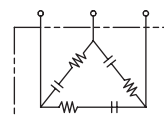
• Model numbering system

Supported number	Series Name	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

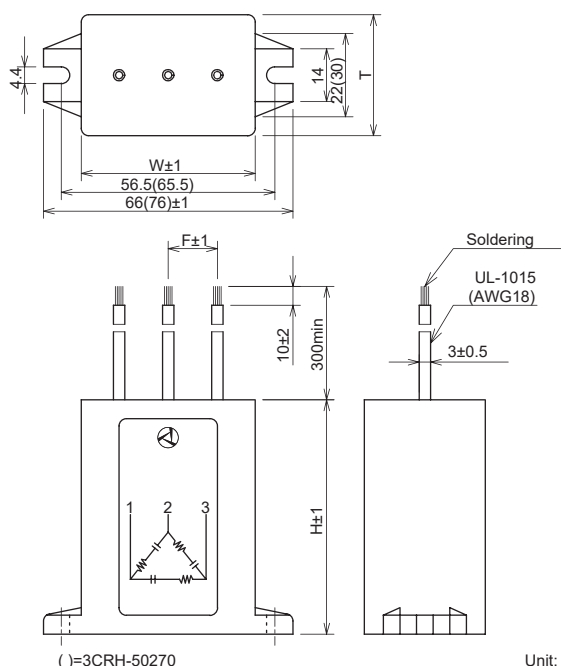
The combination of Resistance and Capacitance is shown in following chart.

• 3CRH Series (3 Phase)

• Circuit



3CRH Series (3 Phase)



()=3CRH-50270

Unit: mm

Electrical Specifications

Rated Voltage **500Vac**

Safety Standard	Class	Model Number	Capacitance μF±20%	Resistance Ω±30%	Dimensions(mm)				Pulse condition				Peak Pulse Voltage	Test Voltage	Insulation Resistance				
					W	H	T	F	Peak to peak	Pulse width	Repetitive frequency	Pulse width (sec) x Frequency(Hz)							
	X2	CRH-10680	0.1	68(6W)	30	57	15	18	1,000V max.	50msec.max.	720Hz max.	1.0max.	1,500V	Line to Line 1,250Vac 50/60Hz 60sec Line to Case 2,000Vac 50/60Hz 60sec	Line to Line 10,000MΩmin. Line to Case 100,000MΩmin. (at 100Vdc)				
		CRH-20470	0.22	47(6W)			20	28		70msec.max.		0.3max.							
		CRH-30330	0.33	33(6W)						100msec.max.		0.2max.							
		CRH-50270	0.47	27(10W)	40	62	32	13											
		3CRH-30330	0.33/1phase	33(6W)/1phase	46		40	18											
		3CRH-50270	0.47/1phase	27(10W)/1phase	56		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