

Instructions for using Powermesh Switches with Inductive loads

When wiring a Powermesh Multi Purpose switch (PMMP5XXXX) to an inductive load such as an exhaust fan, contactor, etc... the use of an RC Suppressor module is highly recommended as a safeguard to protect the switch.

The RC Suppressor will normalise current spikes that can be caused by these inductive loads and maintain a more stable voltage level, preventing potential damage to the switch.

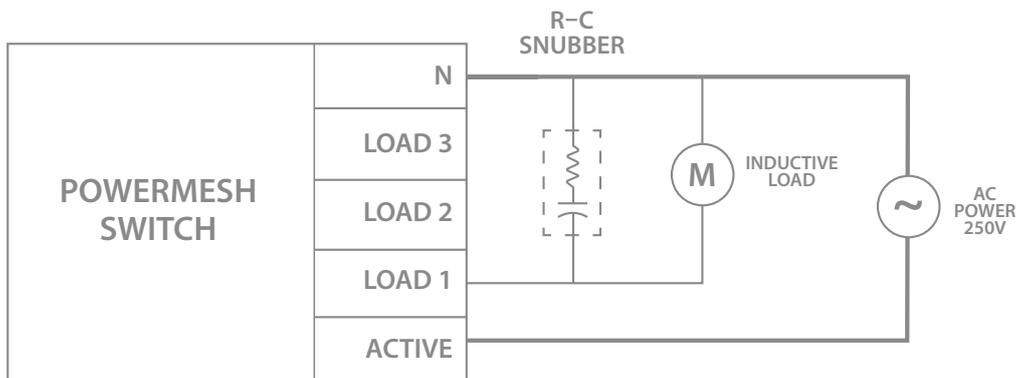
Please note: This is NOT a DIY product instruction. Installation must be carried out by a Licensed Electrician compliant with local wiring regulations. Failure to follow these instructions can result in serious injury or death.

Wiring Instructions:

Wire the suppressor module to the desired switch circuit channel behind the switch as per the diagram below.

Recommended application

The R-C snubber suppressor should be applied as below, ie install across the coil of the contactor or the motor load.



Multi Purpose Switches
1,2,3,4 Button



PMMP51



PMMP52



PMMP53



PMMP54

For further assistance:

Telephone 1300 301 838 | Email: service@gsme.com.au | www.gsme.com.au

Supressor modules recommended:

- Okaya part no. XEB0471
- RS Components part no. RS 240-393

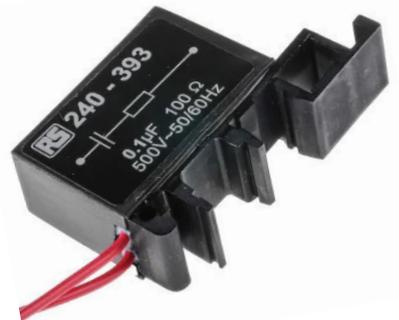
Okaya part no. XEB0471

Part Description	R-C Snubbber Inductive Load Suppressor
Brand	Okaya
Manufacturer	Okaya Electric America Inc
Part No.	XEB0471
R Value	47 ohms
C Value	0.1uf
Connection Type	Flylead
Unit Cost	~\$20



RS Components part no. RS 240-393

Part Description	R-C Mains Protector
Brand	RS Components
Manufacturer	
Part No.	RS2 40-393
R Value	100 ohms
C Value	0.1uf
Connection Type	DIN rail
Unit Cost	~\$20



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