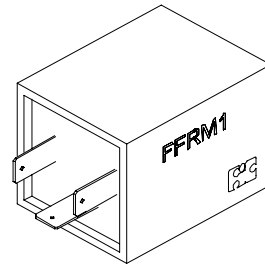


Automotive Flasher Modules

FEATURES

- Turn signal and hazard warning signal flasher
- Stable electronic timing
- Wide operating voltage and temperature range
- FRA2 relay for output



SPECIFICATIONS

COIL DATE

Rated Voltage	12VDC
Operating Voltage Drop	<0.4VDC at rated turn signal load
Device Voltage Up	<0.45VDC at rated hazard signal load
Initial Turn-On	50ms
Sound Pressure Level	70dB
Upper Limited Temperature for coil	125°C

CHARACTERISTICS

Contact Arrangement	SPST(1 Form A)
Max. Output Power	98W
Shock Resistance	200m/s ² 10ms Half sine wave pulse
Vibration Resistance	10-40Hz Double amplitude 1.27mm 40-70Hz 50m/s ² 70-100Hz Double amplitude 0.5mm 100-500Hz 100m/s ²
Drop Test	Capable of meeting specifications 1m drop onto concrete

Contact Date : Load requirements at 12.8VDC	Loads	2 Lamp system	3 Lamp system
	Turn signal mode : Rated Loads	2x21W +1x5W +1x1.2W	3x21W +1x5W +1x1.2W
	Outrage Loads 2 x 21W	1x21W +1x5W +1x1.2W	2x21W +1x5W +1x1.2W
	Hazard Mode : Rated Load	4x21W +2x5W +2x1.2W	6x21W +2x5W +2x1.2W
Ambient Temperature	-40°C to +85°C		
Relative Humidity	20-50% at 23°C		
Weight	35g Approx.		

[Specifications are subject to change without notices.]

FORWARD INDUSTRIAL COMPANY. (O/B COMMERCIAL UNION LTD)

RM. 1405, Wu Sang House, 655 Nathan Road, Mongkok, Kowloon, Hong Kong.

TEL : (852) 27892365 FAX : (852) 27893102 E-MAIL : sales@ficrelay.com.hk

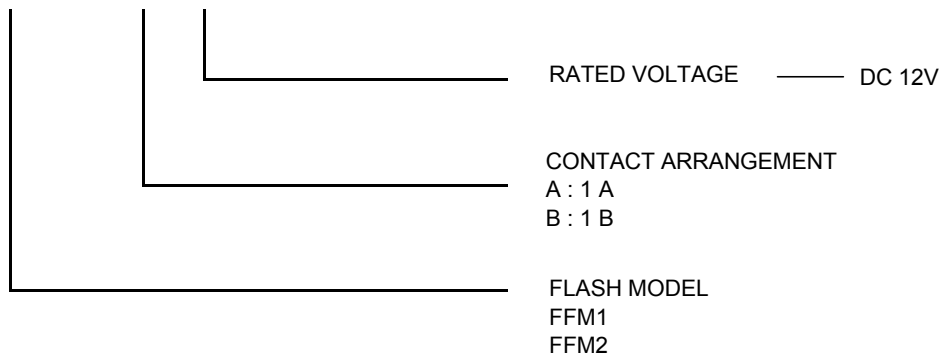
WEBSITE : <http://www.ficrelay.com.hk>

FFM *FLASHER*



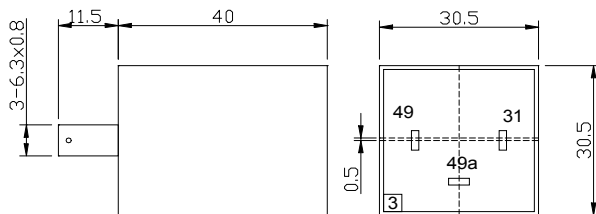
ORDERING INFORMATION

FFM1 - A DC 12V

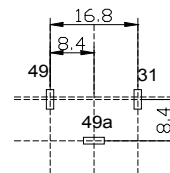


DIMENSIONS (UNIT:mm)

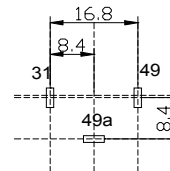
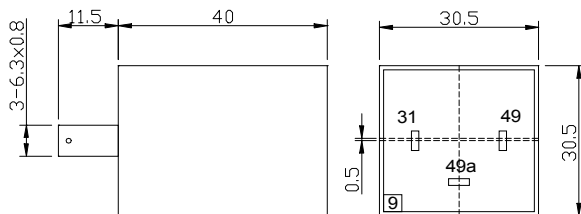
FFM1



MOUNTING (BOTTOM VIEW)



FFM2



WIRING DIAGRAM

