

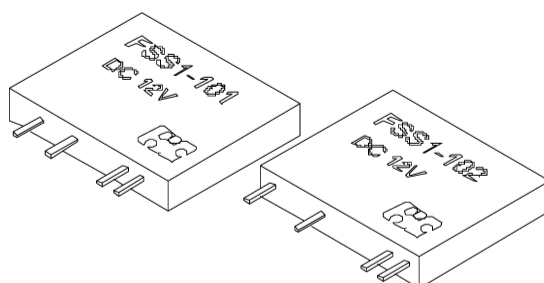
FSS1 SOLID STATE RELAY



Ultra Slim Type

FEATURES

- Ultra Slim Type
- 2A Switching Load
- Photo Isolation
- 600V Blocking Voltage
- 2000V Isolation
- Zero Voltage Turn-On
- PCB Mounting
- Sealed Type



SPECIFICATIONS

COIL RATING

INPUT RATING (AT +20°C)

RATED VOLTAGE (V DC)	VOLTAGE RANGE (V DC)	IMPEDANCE (Ω +/- 10%)	CURRENT (mA)	VOLTAGE ON (V)	CURRENT OFF (V)
5	4 - 6	470	15	4	1
12	9.6 - 14.4	1500	15	9.6	1
24	19.2 - 28.8	3000	15	19.2	1

OUTPUT RATING

VOLTAGE RANGE	50-250VAC	VOLTAGE DROP	1.5VAC
MAX. CURRENT RATING	2A	MIN. LOAD CURRENT	100mA
SURGE CURRENT (NON REPETITIVE)	30A	LEAKAGE CURRENT	1.5mA
ZERO VOLTAGE SWITCHING	YES	TIME TURN-ON	$\frac{1}{2}$ of Cycle + 1ms
Dv / Dt	100 v / μ s	TIME TURN-OFF	$\frac{1}{2}$ of Cycle + 1ms
FREQUENCY RANGE	47 - 70 Hz		

GENERAL CHARACTERISTICS

DIELECTRIC STRENGTH	2000VAC (1 Minute)
INSULATION RESISTANCE	100M Ω Min. (At 500VDC)
OPERATING TEMPERATURE RANGE	-30°C to +80°C
TERMINATION	P.C.B. Terminal
WEIGHT	5g Approx.

[Specifications are subject to change without notices.]

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

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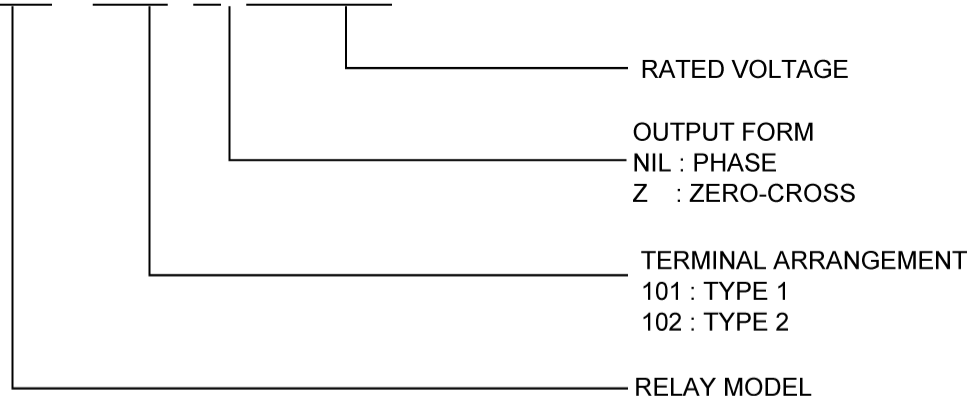
TEL : (852) 27892365 FAX : (852) 27893102 E-MAIL : sales@ficrelay.com.hk WEBSITE : http://www.ficrelay.com.hk

FSS1 SOLID STATE RELAY



ORDERING INFORMATION

FSS1 - 101 Z DC12V



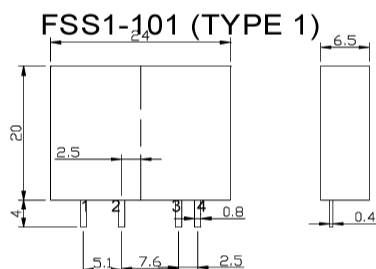
Note : Pb-Free and RoHS compliant relays are available.

For ordering, please add suffix "Pb-Free" or "RoHS" to standard relay part numbers.

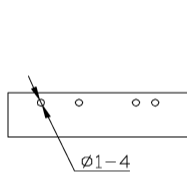
For example : FSS1-101Z DC 12V "Pb-Free" for Pb-Free Relay

For example : FSS1-101Z DC 12V "RoHS" for RoHS Compliant Relay

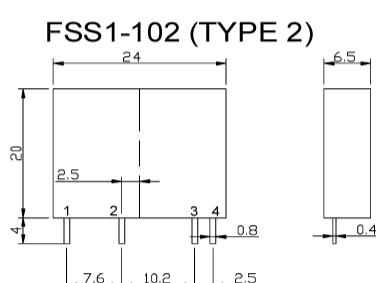
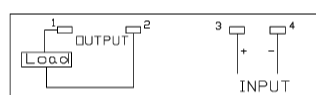
DIMENSIONS (UNIT:mm)



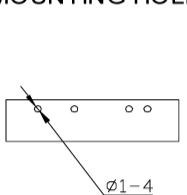
MOUNTING HOLES



TERMINAL ARRANGEMENT (BOTTOM VIEW)



MOUNTING HOLES



TERMINAL ARRANGEMENT (BOTTOM VIEW)

