EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

FRC3 *RELAY*

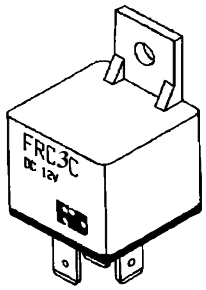
FEATURES

Small size and high contact rating 70A

High temperature design.

Plug in or P.C. Board terminal

Optional mounting bracket



SPECIFICATIONS

COIL RATING

RATED VOLTAGE DC	COIL RESISTANCE Ω +/-10 %	RATED CURRENT (mA)	MUST OPERATE VOLTAGE	MUST DROPOUT VOLTAGE	MAXIMUM VOLTAGE	POWER CONSUMPTION
			% OF RATED VOLTAGE (At +20 °C)			
12	80	150	65 Max.	10 Min.	150 Max.	1.8W Approx.
24	320	75				

*** IF USE RESISTOR :**

6VDC WITH 180Ω RESISTOR

12VDC WITH 680Ω RESISTOR

24VDC WITH 2702Ω RESISTOR

CHARACTERISTICS

Contact Arrangement	SPST (1 Form A); SPDT (1 Form C)
Contact Material	Silver Alloy
Contact Resistance	30mΩ Max.
Contact Rating (Resistive Load)	N.O. : 70A 14VDC N.C. : 60A 14VDC (Special NO :80A)
Switching Voltage	DC 75V Max.
Operate Time (Initial)	10ms Max. Typical
Release Time (Initial)	10ms Max. Typical
Insulation Resistance	100MΩ Min. (500V DC)
Dielectric Strength	500Vrms between coil and contact
Shock Resistance	20g Approx.
Vibration Resistance	10-55Hz, 1.5mm Double Amplitude
Ambient Temperature	-40°C to + 85°C
Humidity	45 - 85% RH
Operation Life	Mechanical : 10^7 Electrical : 10^5 (At rated load)
Weight	47g Approx.

[Specifications are subject to change without notices.]

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

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

FRC3 *RELAY*

ORDERING INFORMATION

FRC3 A - 1 A N S- DC12V

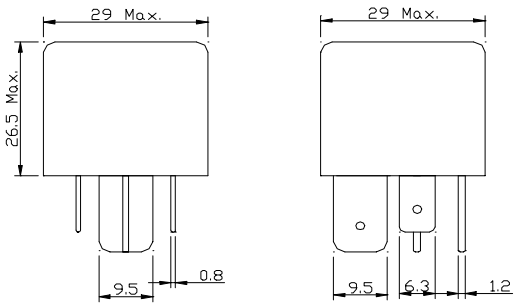
- RATED VOLTAGE
- NIL: UNSEALED TYPE; S : SEALED TYPE (ONLY FOR PLAIN DUST COVER)
- NIL: STANDARD TYPE; N: WITH DIODE; R: RESISTOR
- NIL: PLUG IN TYPE ; A: PCB TYPE
- NIL: MOULDED BRACKET DUST COVER
  1 : PLAIN DUST COVER
  2 : METAL BRACKET DUST COVER
- CONTACT ARRANGEMENT - A : 1 FORM A ; C : 1 FORM C
- RELAY MODEL

Note : Pb-Free and RoHS compliant relays are available.
For ordering, please add suffix "Pb-Free" or "RoHS" to standard relay part numbers.

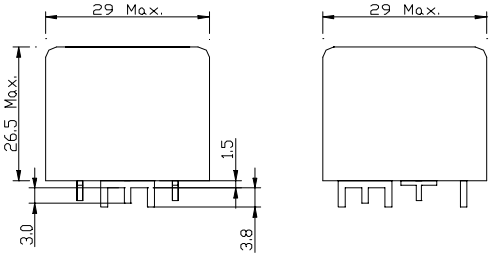
For example : FRC3A-1 DC 12V "Pb-Free" for Pb-Free Relay
For example : FRC3A-1 DC 12V "RoHS" for RoHS Complaint Relay

DIMENSIONS (UNIT : MM)

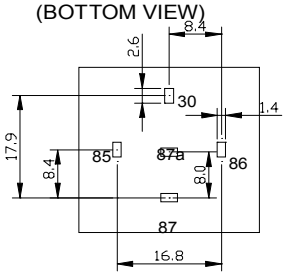
PLUG IN TYPE TERMINAL
(PLAIN DUST COVER)



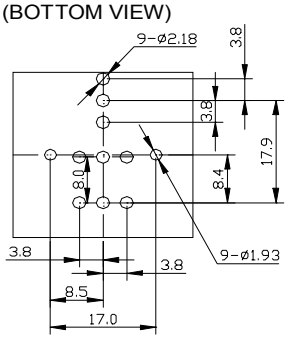
PCB TYPE TERMINAL



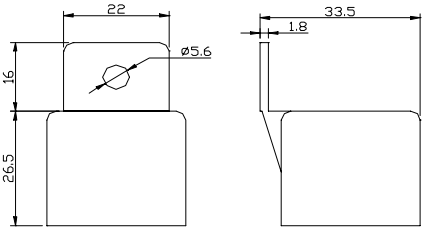
PLUG IN TERMINAL TYPE
(BOTTOM VIEW)



PBC TYPE TERMINAL
(BOTTOM VIEW)



MOULDED BRACKET DUST COVER



TERMINAL ARRANGEMENT
(BOTTOM VIEW)

