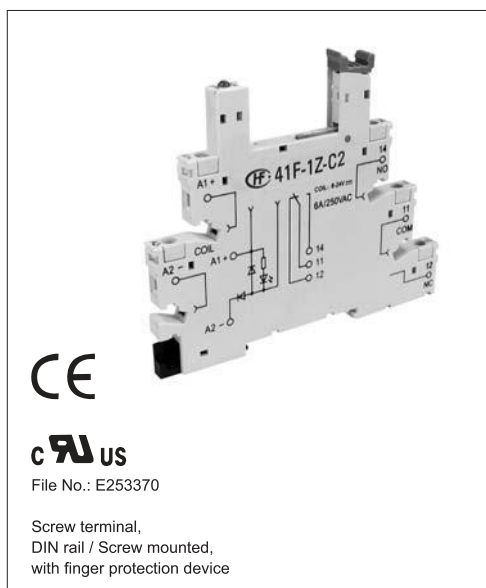


# 41F- 1Z- C2-1/2/3/4/5

## RELAY SOCKET



### CHARACTERISTICS

|                              |                 |
|------------------------------|-----------------|
| Ambient temperature :        | -40 °C to 70°C  |
| Rated voltage:               | 250VAC          |
| Rated current :              | 6A (per pole)   |
| Insulation voltage (Min.) :  | 5000VAC         |
| Protection degree DIN40050 : | IP20            |
| Socket material :            | PA66+GF V0 (UL) |
| Contacts spring material :   | QSn6.5-0.1      |
| Retainer :                   | non-available   |
| Modules (on request):        | self-contained  |
| Terminal torque :            | 0.6Nm           |
| Wire strip length :          | 7mm             |
| Applicable relay type:       | HF41F           |

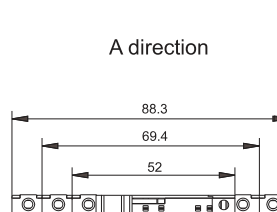
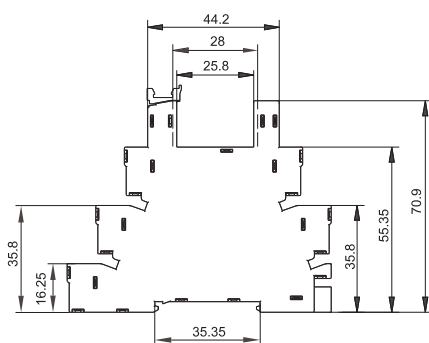
#### Notes: The functions of modules:

- (1) LED indicates the coil energizing state.
- (2) Eliminating negative current of relays.
- (3) Rectifying function (only for VDC/VAC types).

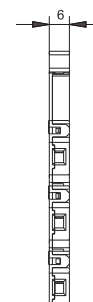
## DIMENSIONS, PC BOARD LAYOUT AND WIRING DIAGRAM

Unit: mm

### Outline Dimensions



(Top View)



HONGFA RELAY

ISO9001, ISO/TS16949, ISO14001, OHSAS18001, IECQ QC 080000 CERTIFIED

2008 Rev. 1.00

## CORRESPONDING INFORMATION WITH RELAY'S COIL VOLTAGE

| Order Number | Input voltage     | Relay's applicable coil voltage | Remark                                      |
|--------------|-------------------|---------------------------------|---------------------------------------------|
| 41F-1Z-C2-1  | 6 to 24VDC/VAC    | 6 to 24VDC                      | No requirement on polarity of input voltage |
| 41F-1Z-C2-2  | 48 to 60VDC/VAC   | 48 to 60VDC                     | No requirement on polarity of input voltage |
| 41F-1Z-C2-3  | 110 to 125VDC/VAC | 60VDC                           | No requirement on polarity of input voltage |
| 41F-1Z-C2-4  | 220 to 240VDC/VAC | 60VDC                           | No requirement on polarity of input voltage |
| 41F-1Z-C2-5  | 6 to 24VDC        | 6 to 24VDC                      | Requirement on polarity of input voltage    |

## ORDERING INFORMATION

|                        |                                                                                        |    |    |   |
|------------------------|----------------------------------------------------------------------------------------|----|----|---|
| Type                   | 41F /                                                                                  | 1Z | C2 | 1 |
| Contact arrangement    | 1Z: 1 pole                                                                             |    |    |   |
| Termination & Mounting | C2: Screw terminal, DIN rail with finger protection device                             |    |    |   |
| Voltage of module      | 1, 2, 3, 4, 5: See table above for corresponding information with relay's coil voltage |    |    |   |