

SPCO WAFER STYLE 6mm WIDE INTERFACE RELAY MODULES

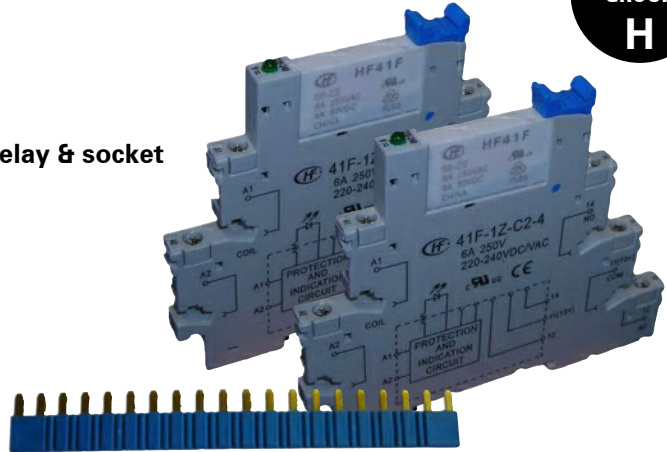
PRODUCT GROUP
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TYPE: 41F-1Z-C2-xxx

FEATURES

- Supplied as a complete made up package of relay & socket
- One part number for simplicity in ordering
- Only 6mm wide
- With built in LED indication as standard
- Built in relay removal ejector clip
- SPCO contact rated 6 Amps / 250VAC AC1
- AC & DC coil voltages
- Low coil consumption

RELAY DESCRIPTION



A genuine SPCO mechanical relay package the width of a terminal at **only 6mm wide** is the ultimate solution when space is limited and a high packing density is required, in fact in certain applications use the product as a combined terminal and relay saving on even more space. The product is supplied as a complete package of socket and relay combined, the base features an integral LED indicator and a relay retaining clip that also acts as the relay ejector if the need to remove the relay arises. Whilst being the ultimate in space saving the relay has a switching capability of 6 Amps / 250VAC AC1 and also benefits from a low coil consumption.

A dedicated 9VDC relay module is available for use in the BMS sector where 0-10VDC signals are used and a digital output is required. With a pull in voltage of 7.5VDC and a release voltage of 4VDC, along with a low power consumption of circa 160mW (including the LED), this makes these modules an attractive alternative as a "BMS SRMV" relay.

The socket element is more than a socket, it is an electronic device dropping a voltage over a range and also providing a LED indicator. The socket is an equal component in the assembly as the relay. For example, a 240VAC supply does not utilise a 240VAC coil relay, a 60VDC relay is used. This is why this product is only sold as a complete made up assembly.

An optional 20 way jumper bar comb is available to common up negatives or 0V's, also available as an accessory is a strip of 16 marker tags.

Also of note, is that 12V, 24V and 48V coils can be either AC or DC, same relay.

SPECIFICATIONS

| | |
|------------------------|--------------------------|
| Contact type: | SPCO |
| Contact rating: | 6 Amps / 250VAC AC1 |
| Contact material: | AgNi |
| Operate time: | 8mSec max |
| Release time: | 4mSec max |
| Electrical life: | 30000 ops (at full load) |
| Mechanical life: | 10 000000 ops |
| Insulation resistance: | 1000 MOhms |
| Insulation:- | |
| Coil to contacts: | 4KVAC 1 min |
| Open contacts: | 1KVAC 1 min |
| Ambient temperature: | -40°C to +55°C |
| CE marked: | Yes |
| VDE approved & marked: | Yes |
| UL approved & marked: | Yes |

ORDERING INFORMATION & COIL DATA

| P/No. | COIL CONSUMPTION * |
|-------------------|----------------------|
| 41F-1Z-C2-9VDC | 17.8mA |
| 41F-1Z-C2-12VACDC | 16mA |
| 41F-1Z-C2-24VACDC | 12mA |
| 41F-1Z-C2-48VACDC | 6.9mA |
| 41F-1Z-C2-125VAC | 5mA |
| 41F-1Z-C2-240VAC | 4mA |
| | ±10% |
| 41F-20 | 20 way jumper comb |
| 41F-TAG | Strip of marker tags |

DIMENSIONS

