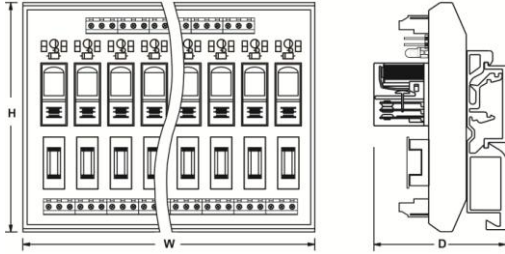
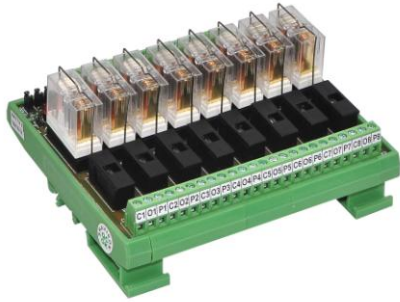
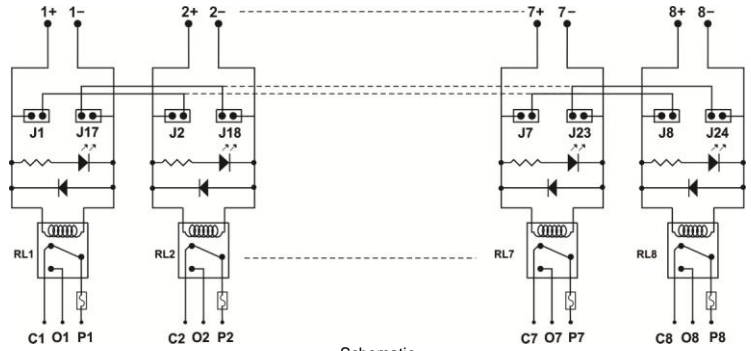


1 C/O Relay interface modules with fuse



Dimensions



Schematic

For Positive looping of coils place jumpers at J1, J2 ...J8.

For Negative looping of coils place jumpers at J17, J18 ...J24.



While looping keep all jumpers at positive / negative loop or isolated. Never keep partial positive/negative looping as it causes short circuit at coil side.

NOTE:

- C : NC (Normally closed)
- O : NO (Normally open)
- P : Pole / common

Fuse at pole
LED & Freewheeling diode across coil
Jumpers for Coil Looping

| | | | | |
|--|--|--|---------------------|--------------------------------------|
| FEATURES | | | | |
| CONTACT CONFIGURATION | 1C/O | | | |
| NO. OF CHANNELS | 4, 8 | | | |
| RELAY | RELAY MAKE | OEN 58DP-1C on Socket mounted | | |
| | NOMINAL COIL VOLTAGE | 24VDC | | |
| | MUST OPERATE VOLTAGE | 21VDC | | |
| | MUST RELEASE VOLTAGE | 6.2VDC | | |
| | MAX. COIL VOLTAGE | 26.4VDC | | |
| | COIL CURRENT PER CHANNEL ⁽¹⁾ | 25mA | | |
| | OPERATE (SET) TIME | 15 ms max. | | |
| | RELEASE (RESET) TIME | 20 ms max. | | |
| | ENDURANCE | Electrical : 100,000 operations min. (at 1,800 operations/hr) | | |
| FUSE | FUSE RATING | 2A | | |
| | DIELECTRIC STRENGTH | 1. Coil to coil (when isolated) : 100VAC , 50/60 Hz for 1 minute 2. Coil to contact : 2KVAC , 50/60 Hz for 1 minute 3. Contacts of same polarity : 1KVAC , 50/60 Hz for 1 minute 4. Contacts - channel to channel : 1.5KVC, 50/60 Hz for 1 minute | | |
| CONTACT RATING | RELAY | 10A@28VDC/230VAC | | |
| | ON BOARD | 5A@28VDC/230VAC | | |
| OPERATING AMBIENT | 0~55°C, 85% RH | | | |
| STORAGE AMBIENT | -20°C to 85°C | | | |
| TERMINATIONS | COIL TERMINATION | Screw type, for 2.5mm sq. wire | | |
| | CONTACT TERMINATION | Screw type, for 2.5mm sq. wire | | |
| MOUNTING | 35 mm DIN rail | | | |
| ORDERING INFORMATION | GPFXX - 1C - 24V | | | |
| | NO. OF RELAYS | DESIGN NO. | COIL VOLTAGE | DIMENSIONS W x H x D (mm) |
| | 4 | GPF04-1C | 24V: 24VDC | 68 x 118 x 70 |
| | 8 | GPF08-1C | | 137 x 118 x 70 |
| Weight (MAX) : 190 grams (for 4 relays) / 360 grams (for 8 relays) | | | | |

Note : 1. Current including LED current