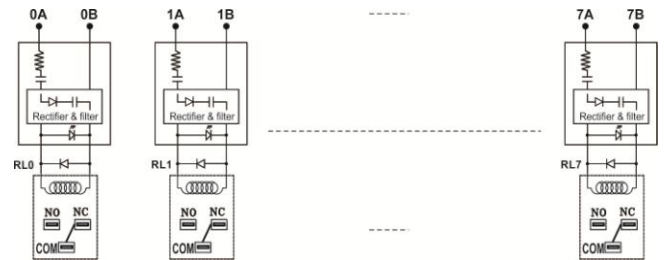
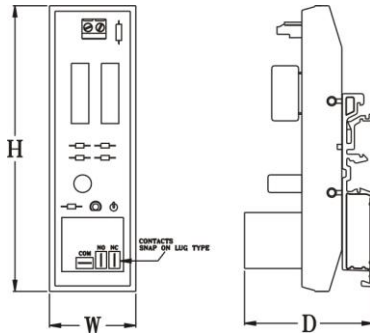


1 C/O Relay Module With High Voltage Isolated Coils & 30A Contacts



30A CONTACTS



Schematic

| | | | | | |
|------------------------------|---|---|--|---------------------------------|----------------------------------|
| FEATURES | LED & Free wheeling diode across coil. Contacts rated for 30A. | | | | |
| CONTACT CONFIGURATION | 1C/O | | | | |
| NO. OF CHANNELS | 1, 2, 4, 6, 8 | | | | |
| RELAY | NOMINAL COIL VOLTAGE⁽¹⁾ | 48VDC | 110VDC | 110VAC | 230VAC |
| | MUST OPERATE VOLTAGE | 40VDC | 90VDC | 90VAC | 185VAC |
| | MUST RELEASE VOLTAGE | 10VDC | 20VDC | 20VAC | 45VAC |
| | MAX. COIL VOLTAGE | 55VDC | 130VDC | 130VAC | 270VAC |
| | COIL CURRENT PER CHANNEL⁽²⁾ | 45mA | 45mA | 45mA | 45mA |
| | INRUSH CURRENT | 3.2A at 230VAC , 1.5A at 110VAC | | | |
| | OPERATE (SET) TIME | 15ms max. | | | |
| | RELEASE (RESET) TIME | 20ms max. | | | |
| | ENDURANCE | Electrical : 100,000 operations min. (at 1,800 operations/hr) | | | |
| | MAX. OPERATING FREQUENCY | Mechanical : 18,000 operations/hr Electrical : 1,800 operations/hr | | | |
| DIELECTRIC STRENGTH | 1. Coil to coil : 1.5KVAC , 50/60 Hz for 1 minute 2. Coil to contact : 1.5KVAC , 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 | 30A@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 | Snap on Lug type, 6.3mm | | | |
| MOUNTING | 35 mm DIN rail | | | | |
| ORDERING INFORMATION | AS701, -230VAC, -30A | | | | |
| | NO. OF RELAYS | DESIGN NO. | COIL VOLTAGE⁽¹⁾ | CONTACT RATING | DIMENSIONS W x H x D (mm) |
| | 1 | AS701 | DC VOLTAGE 48VDC : 48VDC 110VDC : 110VDC AC VOLTAGE 110VAC : 110VAC 230VAC : 230VAC | 30A : 28VDC, 30A 230VAC, 30A | 48 x 115 x 65 |
| | 2 | AS702 | | | Upon Request |
| | 4 | AS703 | | | Upon Request |
| | 6 | AS704 | | | Upon Request |
| | 8 | AS705 | | | Upon Request |
| | | | | WEIGHT | |
| | | | | 100 grams | |

Note : 1. These modules are with basic relay of 24VDC coil along with suitable voltage converter.
2. Current including LED current.