

MULTI VOLTAGE, DUTY CHANGEOVER RELAY, RANGE SELECTABLE



TYPES: UNI-1B (spco) & UNI-4B (4pco)

FEATURES

- Din rail mounted
- Modern modular design
- Width 27mm (1.5 modules)
- Unique product
- SPCO & unique 4PCO versions
- Multi voltage 12-250VACDC
- Range selectable
- 10 second proving function
- Daily, weekly, fortnightly, monthly changeover
- Dual LED indication
- CE marked

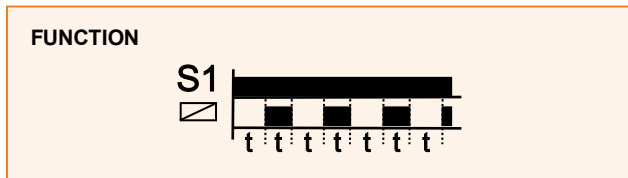


DESCRIPTION & MODE OF OPERATION

An attractive modern designed "duty changeover relay" in a din rail mounted modular style housing of 1.5 modules width (27mm). A selector switch is provided to select one of four different fixed time ranges from 1 day to 1 month, (there is also a 10 second "circuit proving" setting). This is an ideal simple product to achieve a daily, weekly, fortnightly or monthly duty changeover on pumps, fans and similar equipment especially in the HVAC and pumping industry. A green supply on LED is featured along with a red LED to indicate relay output status. All terminal details and the function information along with the CE mark is clearly marked on the sides of the housing.

TIMING FUNCTION

Initiated by supply on terminals A1 & A2. Timing commences to energise relay contacts (pause first) and then times to de-energise relay contacts. This cycle continues so long as the supply is connected. The time period on both energisation and de-energisation (T1 & T2) are both fixed. If the supply is removed at any point within the cycle any remaining time will be cancelled and if the relay contacts are energised they will de-energise.



SPECIFICATIONS

- Timing:**
 Time ranges (fixed): 1 day, 7 days, 14 days, 30 days
 Proving function (fixed): 10 sec
 Repeat accuracy: ±0.5% of set value
 Reset time: Max 100mSec
- Relay outputs:**
 Output contacts: UNI-1B 16Amps/250V AC1
 UNI-4B 8Amps/250V AC1
- Max breaking capacity:
 UNI-1B 4000VA
 UNI-4B 2000VA
- Mechanical life: 30 Million ops
 Electrical life: 200K ops at max rated load
- Supply voltage:**
 Supply voltage: 12-250VACDC
 Max consumption: 5mA
 Insulation: 2.5KV 50Hz impulse
- General:**
 Operating temperature: -20°C to +65°C
 Storage temperature: -20°C to +65°C
 Max cable size: 2.5mm
 CE marked: Yes
 In accordance with: EN61000-6-1: 2007
 EN61000-6-3: 2007
 EN61010-1: 2002
- Housing material: Polycarbonate, Auto extinguishable to UL 94 V-0

TIME RANGES

- | | |
|---------------------------|---------------------------|
| Position 1: 10 secs fixed | Position 4: 14 days fixed |
| Position 2: 1 day fixed | Position 5: 30 days fixed |
| Position 3: 7 days fixed | |

