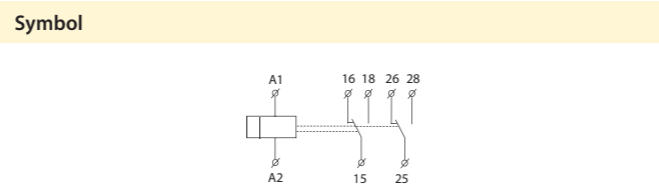
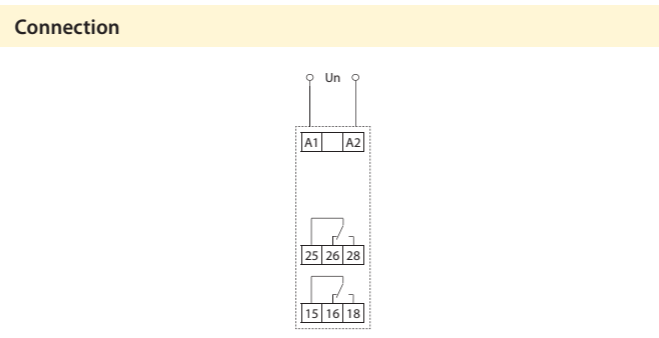
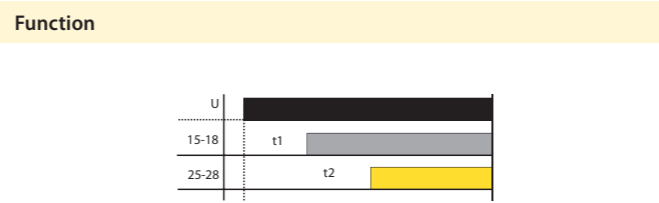
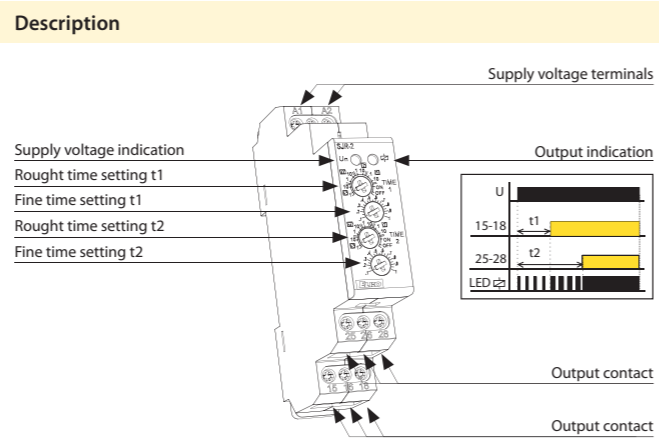




- For gradual switching of high power (e.g. el.heating), prevents current strokes in the main.
- Function: 2x Delay ON (2 time relays in one).
- Time scale 0.1s - 10 days divided into 10 time ranges: 0.1s - 1s / 1s - 10s / 0.1min - 1min / 1min - 10min / 0.1h - 1h / 1h - 10hrs / 0.1 day - 1 day / 1 day - 10 days / ON / OFF
- Times t1 and t2 are independantly adjustable.
- t1 and t2 are switched on after supply voltage connection.
- Rough time setting via rotary switch.
- Voltage range: AC 230 V or AC/DC 12 - 240 V.
- Output contact: 2 x changeover / DPDT 16 A.
- Output indication: multifunction red LED, flashing at certain states.
- 1-MODULE, DIN rail mounting.

EAN code
SJR-2 /230 V: 8595188116015
SJR-2 /UNI: 8595188117401

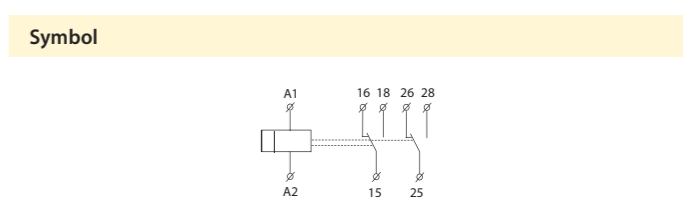
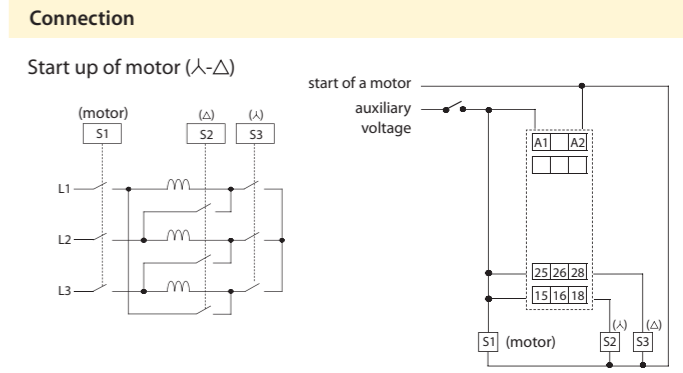
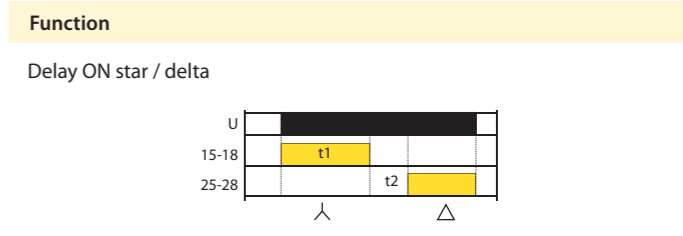
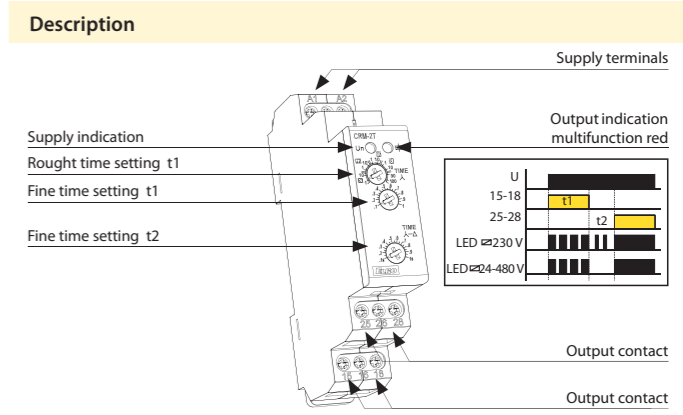
| Technical parameters | | SJR-2 |
|---|-----|--|
| Number of functions: | | 2x delay ON |
| Supply terminals: | | A1 - A2 |
| Voltage range: | UNI | AC/DC 12 - 240 V (AC 50 - 60 Hz) |
| Burden (max.): | | AC 0.7 - 3 VA / DC 0.5 - 1.7 W |
| Voltage range: | 230 | AC 230 V / 50 - 60 Hz |
| Power input (apparent/loss): | | AC max. 12 VA / 1.3 W |
| Max. dissipated power (Un + terminals): | | 4.5 W |
| Supply voltage tolerance: | | -15 %; +10 % |
| Supply indication: | | green LED |
| Time ranges: | | 0.1 s - 10 days |
| Time setting: | | rotaty switch and potentiometer |
| Time deviation: | | 5 % - mechanical setting |
| Repeat accuracy: | | 0.2 % - set value stability |
| Temperature coefficient: | | 0.01 % / °C, at = 20 °C (0.01 % / °F, at = 68 °F) |
| Output | | |
| Number of contacts: | | 2x changeover/ DPDT (AgNi / Silver Alloy) |
| Current rating: | | 16 A / AC1 |
| Breaking capacity: | | 4000 VA / AC1, 384 W / DC |
| Inrush current: | | 30 A / < 3 s |
| Switching voltage: | | 250 V AC1 / 24 V DC |
| Output indication: | | multifunction red LED |
| Mechanical life: | | 3x10 ⁷ |
| Electrical life (AC1): | | 0.7x10 ⁵ |
| Reset time: | | max. 150 ms |
| Other information | | |
| Operating temperature: | | -20 °C to 55 °C (-4 °F to 131 °F) |
| Storage temperature: | | -30 °C to 70 °C (-22 °F to 158 °F) |
| Electrical strength: | | 4 kV (supply-output) |
| Operating position: | | any |
| Mounting: | | DIN rail EN 60715 |
| Protection degree: | | IP40 from front panel / IP20 terminals |
| Overvoltage category: | | III. |
| Pollution degree: | | 2 |
| Max. cable size (mm ²): | | solid wire max. 1x 2.5 or 2x1.5/ with sleeve max. 1x 2.5 (AWG 12) |
| Dimensions: | | 90 x 17.6 x 64 mm (3.5" x 0.7" x 2.5") |
| Weight: | | UNI - 85 g (3 oz.), 230 - 83 g (2.9 oz.) |
| Standards: | | EN 61812-1, EN 61010-1 |



- It serves for delay ON of motors star/delta.
- Time t1 (star)
 - time scale 0.1 s - 100 days divided into 10 time ranges.
 - rough time setting by rotary switch
- Time t2 (delay) between \wedge / Δ :
 - time scale 0.1 s - 1 s
 - fine time setting by potentiometer
- Voltage range: AC 230 V, AC/DC 12 - 240 V.
- Output contact: 2x changeover / DPDT 16 A.
- Output indication: multifunction red LED.
- 1-MODULE, DIN rail mounting.

EAN code
CRM-2T /230 V: 8595188112291
CRM-2T /UNI: 8595188112437

| Technical parameters | | CRM-2T |
|--|-----|--|
| Number of functions: | | 1 |
| Supply terminals: | | A1 - A2 |
| Voltage range: | UNI | AC/DC 12 - 240 V / AC 50 - 60 Hz |
| Burden (max.): | | AC 0.7 - 3 VA / DC 0.5 - 1.7 W |
| Voltage range: | 230 | AC 230 V / 50 - 60 Hz |
| Burden: | | AC max. 12 VA / 1.9 W |
| Max. dissipated power (Un + terminals): | | 4 W |
| Supply voltage tolerance: | | -15 %; +10 % |
| Supply indication: | | green LED |
| Time scale: | | t1: 0.1 s - 100 days, t2: 0.1 s - 1 s |
| Time setting: | | potentiometer |
| Time deviation: | | 5% - mechanical setting |
| Repeat accuracy: | | 0.2 % - set value stability |
| Temperature coefficient: | | 0.01 % / °C, at = 20 °C (0.01 % / °F, at = 68 °F) |
| Output | | |
| Number of contacts: | | 2x changeover/ DPDT (AgNi / Silver Alloy) |
| Current rating: | | 16 A / AC1 |
| Breaking capacity: | | 4000 VA / AC1, 384 W / DC |
| Inrush current: | | 30 A / < 3 s |
| Switching voltage: | | 250 V AC / 24 V DC |
| Output indication: | | multifunction red LED |
| Mechanical life: | | 3x10 ⁷ |
| Electrical life (resistive): | | 0.7x10 ⁵ |
| Reset time: | | max. 150 ms |
| Other information | | |
| Operating temperature: | | -20 °C to 55 °C (-4 °F to 131 °F) |
| Storage temperature: | | -30 °C to 70 °C (-22 °F to 158 °F) |
| Electrical strength: | | 4 kV (supply-output) |
| Operating position: | | any |
| Mounting: | | DIN rail EN 60715 |
| Protection degree: | | IP40 from front panel / IP20 terminals |
| Overvoltage category: | | III. |
| Pollution degree: | | 2 |
| Terminal wire capacity (mm ²): | | max.1x 2.5, 2x1.5, with sleeve max. 1x 2.5 (AWG 12) |
| Dimensions: | | 90 x 17.6 x 64 mm (3.5" x 0.7" x 2.5") |
| Weight: | | UNI - 84 g (3 oz.), 230 - 81 g (2.9 oz.) |
| Standards: | | EN 61812-1, EN 61010-1 |



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