

GRENTON RELAYx2

REL-019-T-01

RELAY OUTPUT MODULE FOR DIN RAIL ASSEMBLY



The relay output module allows you to control any electrical device without the need to use additional control relays.

- two relay outputs
- enables you to connect a direct load up to 3.6 kVA
- enables the following functions: switching, continuous activation and specific-time activation
- signals output state with a diode

CONFIGURATION PARAMETERS

CHARACTERISTICS

| Name | Description |
|----------------|--|
| Value | Returns 1 for output set at "On" and 0 for output set at "Off" |
| StatisticState | Measurement type. Off - turned off; Continuous - Load measurement throughout the machine cycle/Load measurement over the entire life cycle of the device |
| Load | Multiplier of measured value. For StatisticState: Continuous - consumption value per unit time; |

METHODS

| Name | Description |
|-----------|--|
| SetValue | SetValue Sets output value to 1 or 0 |
| Switch | Changes the output value from 0 to 1 or from 1 to 0. The first parameter is the time of change: - 0 - switches output to continuous mode - num - switches output for a time specified by a parameter (in milliseconds) |
| SwitchOn | Sets output value to 1 |
| SwitchOff | Sets output value to 0 |

EVENTS

| Name | Description |
|-------------|---|
| OnChange | Occurs when a change in the state takes place (regardless of the value) |
| OnSwitchOn | Occurs when "On" is set at output |
| OnSwitchOff | Occurs when "Off" is set at output |

TECHNICAL SPECIFICATIONS

| | |
|------------------------------|-----------------------|
| DC supply | 5 V |
| average current input | 4.18 mA |
| max. current input | 112 mA |
| contact arrangement | 2x NO |
| weight | 82 g |
| dimensions (H/W/D) | 58/36/90 mm |
| max. connection wire section | ≤ 2.5 mm ² |
| size [DIN] | 2 |
| operating temperature range | 0 to +40°C |
| maximum load | 3,600 VA per channel |

| WIRING DIAGRAM

