

# GRENTON RELAYx4

REL-020-T-11

## 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.

- four 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	4.16 mA
max. current input	220 mA
contact arrangement	4x NO
weight	146 g
dimensions (H/W/D)	58/71/90 mm
max. connection wire section	≤ 2.5 mm <sup>2</sup>
size [DIN]	4
operating temperature range	0 to +40°C
maximum load	3,600 VA per channel

# WIRING DIAGRAM

