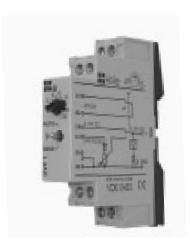
# Coupling relays - OCTO series

- Installation design
- Width 17.5mm
- Analog data encoder 0 to 10VDC
- Checkback signal of the switch setting ,AUTO



# Technical data

### **▶** 1. Functions

output according to input YR **AUTO** 

0 permanently OFF

output according to set value (regulator) HAND

2. Indicators

Yellow LED ON/OFF: intensity according to the value of the

3. Mechanical design

Self-extinguishing plastic housing, IP rating IP40 Mounted on DIN-Rail TS 35 according to EN 50022

Mounting position: any

Shockproof terminal connection according to VBG 4

(PZ1 required), IP rating IP20

Initial torque: max. 1Nm

Terminal capacity:

1 x 0.5 to 2.5mm<sup>2</sup> with/without multicore cable end

1 x 4mm² without multicore cable end

2 x 0.5 to 1.5mm<sup>2</sup> with/without multicore cable end 2 x 2.5mm<sup>2</sup> flexible without multicore cable end

### 4. Input circuit

Supply voltage: 24V AC/DC terminals A1(+)-A2 Tolerance: 24V AC/DC -15% to +10%

Rated frequency: 48 to 63Hz

Rated consumption: 24V AC/DC 0.58VA (0.33W)

100% Duration of operation: Reset time:

10%

Residual ripple for DC:

Drop-out voltage: >30% of supply voltage

### **▶** 5. Output circuit

Output signal (terminals Y-GND):

Switch setting AUTO corresponding to input signal at

terminals YR - GND

Switch setting 0 ٥٧ Switch setting HAND 0 to 10V Output capacity Y: 10mW at 10V

(switch setting HAND)

24V AC (according to IEC 664-1) Insulation voltage: 800V, overvoltage category III Surge voltage:

(according to IEC 664-1)

### 6. Checkback

Setting ,AUTO': terminals B1-B2 Maximum switching capacity: 56VA (2A / 28V AC/DC) Minimum switching capacity: 5mVA (1mA / 5V AC/DC)

Contact resistance: max.  $20m\Omega$ 

Electrical life: 3 x 104 operations at maximum load

### 7. Accuracy

Base accuracy: ±1% (of maximum scale value) Adjustment accuracy: ±10% (of maximum scale value)

Repetition accuracy: Voltage influence:

Temperature influence: ≤0.01% / °C

### **▶** 8. Ambient conditions

-25 to +55°C (according to IEC 68-1) Ambient temperature:

Storage temperature: -25 to +70°C -25 to +70°C Transport temperature: Relative humidity: 15% to 85%

(according to IEC 721-3-3 class 3K3)

Pollution degree: 2. if built-in 3

(according to IEC 664-1)

# Subject to alterations and errors

# Functions

### Automatic (AUTO)

The contact of checkback B1-B2 is closed.

The input signal applied to terminal YR is looped through unchanged to terminal Y.

## Permanently OFF (0)

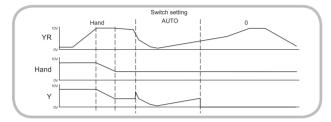
The contact of checkback B1-B2 is opened.

No output signal at terminal Y.

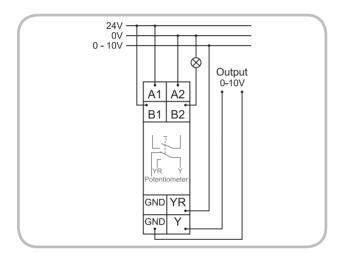
### Manual signal (HAND)

The contact of checkback B1-B2 is opened.

Output signal at terminal Y (0 to 10V DC) according to the value set on the front mounted regulator.



# Connections



# Dimensions

