

Product data sheet

Binary input 8-gang, 24 V



Reference number

2128 REG

KNX binary input, 8-gang

rail mounting device, 4 rail units
8 inputs 12 ... 48 V AC/DC
Auxiliary voltage output DC 24 V (SELV) for polling floating contacts
with status indicator
ETS product family: Input
Product type: Binary input

Intended use

- Polling of conventional switching or push-button contacts, window contacts etc. in KNX systems, for reporting of states, meter levels, operation of loads, etc.
- Mounting on DIN rail according to EN 60715 in distribution box

Product characteristics

- Status LED for each input
- Detection of voltage levels and changes on the input
- Transmitting of input status to the bus
- Transmitting behaviour freely adjustable
- Functions: switching, dimming, blinds up/down, brightness values, temperatures, calling up and saving light scenes, etc.
- Inputs can be blocked separately
- Connection of external AC or DC voltages

Technical data

KNX medium:	TP 256
Rated voltage KNX:	DC 21 ... 32 V SELV
Power consumption KNX:	max. 350 mW
Stand-by:	max. 200 mW
Connection, KNX:	connection terminal
Ambient temperature:	-5 ... +45 °C
Storage/transport temperature:	-25 ... +70 °C
Inputs	
Rated voltage:	AC/DC 12 ... 48 V
Signal level "0" signal:	AC/DC -48 ... +2 V
Signal level "1" signal:	AC/DC 8 ... 48 V
Input current at rated voltage:	
Input current:	2 mA
Signal duration:	min. 30 ms
Rated frequency AC signal:	30 ... 60 Hz
Number of contacts per input	
NO contacts:	unlimited
NC contacts:	max. 20
Output voltage:	DC 24 V SELV
Mounting width:	72 mm (4 rail units)
Stand-by power:	max. 200 mW
Power loss:	max. 1 W

Connection

Connection mode:	screw terminals
single wire:	1 x 0.2 ... 4 mm ²
stranded without ferrule:	1 x 0.34 ... 4 mm ²
stranded with ferrule:	1 x 0.14 ... 2.5 mm ²
Cable length:	max. 100 m