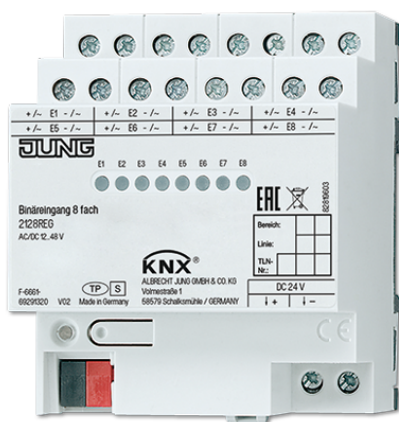


# Product data sheet



## Binary input 8-gang, 24 V



### Reference number

2128 REG

### 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 potential-free contacts with status indicator  
ETS product family: Input  
Product type: Binary input

### Intended use

- Polling of conventional switching or push-button contacts, glass break detectors etc. in KNX systems, for reporting of states, operation of loads, etc.
- Mounting on DIN rail according to EN 60715 in distribution boxes

### Product characteristics

- Status LED for each input
- Detection of voltage levels and changes on the input
- Transmitting the input state to the bus
- Transmission behaviour freely settable
- Functions: switching, dimming, blinds up/down, brightness values, temperatures, calling up and saving scenes
- Inputs can be disabled separately
- External AC and DC voltages can be connected
- Auxiliary voltage output for polling potential-free contacts
- No separate power supply required
- Separate reference potentials for inputs
- Pulse counter (firmware version V02 or higher), also suitable for S0 pulses

### Technical data

Rated voltage KNX:	DC 21 ... 32 V SELV
Power consumption KNX:	max. 350 mW
Stand-by:	max. 200 mW
Connection, KNX:	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:	2 mA
Signal duration:	min. 30 ms
Rated frequency AC signal:	30 ... 60 Hz
Number of contacts per input	
Make contacts:	unlimited
Break 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:	screw terminals
single wire:	0.2 ... 4 mm <sup>2</sup>
stranded without ferrule:	0.34 ... 4 mm <sup>2</sup>
stranded with ferrule:	0.14 ... 2.5 mm <sup>2</sup>
Cable length:	max. 100 m