Product data sheet

Push-button interface, 4-gang

Reference number
40004 1S E

KNX push-button interface, 4-gang

ETS product family: Input
Product type: Binary input

Intended use

- Inputs for querying conventional, floating contacts in KNX systems, and transmitting telegrams to the KNX bus for reporting statuses, meter readings, operating electrical loads, etc.
- Outputs for controlling LEDs
- Installation in flush box with dimensions according to DIN 49073 in combination with a suitable cover
- When mounting behind switching and push-button inserts, use an appliance box with sufficient installation depth

Product characteristics

- Independent channels that operate as inputs or as outputs depending on the ETS parameterisation
- Common reference potential for all channels
- Disabling individual channels
- Supply via bus, no additional power supply necessary

Outputs

- Connection of LED e.g. LED lamp, 5 V DC, 2.2 mA
- Short-circuit proof, overload protected and protected against polarity reversal
- Parallel switching of outputs possible, for electrical loads with higher current requirements

Inputs

- Connection of floating contacts, such as push-buttons, switches or reed contacts
- Querying with a pulse current avoids contact contamination (formation of an oxide layer) on the connected contacts
- Operating functions: switching, dimming, blind, scene or room temperature control
- Value transmitter for dimming, colour temperature, RGBW, temperature or brightness values
- Transmitting the current input status after bus voltage failure
- Connection of door or window contacts for evaluation of the open, closed, tilted and handle position statuses
- Connection of leakage, condensation and temperature sensors
- Pulse counter with main and intermediate meters
- Combination of adjacent input channels when connecting push-button, door or window contact
- Logic functions

Technical data

Ambient temperature:	–5 ... +45 °C
Stora/transport temperature:	–25 ... +75 °C
Degree of protection:	IP20

Protection class:	III
Number of channels:	4
Output voltage:	DC 5 V SELV
Output current per channel:	max. 3.2 mA
LED current (red LED with 1.7 V forward voltage):	2.2 mA per output
Length of cable set:	25 cm, extendable to max. 30 m
Recommended cable:	J-Y(St)Y 2 x 2 x 0.8
Dimensions (W x H x D):	43 x 28.5 x 15.4 mm
KNX medium:	TP 256
Commissioning mode:	S-mode
Rated voltage KNX:	DC 21 ... 32 V SELV
Current consumption KNX:	5 ... 12 mA

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