

Product data sheet

Push-button interface, 2-gang



Reference number	40002 1S E
KNX push-button interface, 2-gang	
ETS product family: Input Product type: Binary input	
Available December 2023	
Intended use	
<ul style="list-style-type: none"> - 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	
<ul style="list-style-type: none"> - 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	
<ul style="list-style-type: none"> - 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	
<ul style="list-style-type: none"> - 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:	2
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 ... 10 mA

