	Order no.	Packing unit	PS

	Order no.	Packing unit	PS

Installation Sensors

Instabus KNX/EIB
universal push button interface, 2-gang

1118 00	1/5	06

Product family: Input
Product type: Binary input, 2-gang

2-gang flush-mounted binary input, can be used in deep flush-mounted wall box (60 mm deep) behind a conventional switch/push button, for connection of zero-voltage contacts. The switching operations of zero-voltage contacts are converted into Instabus messages. The 2 inputs can be assigned various functions or blocked independently of each other in the process. Both inputs can be parameterised as outputs (max. 0.8 mA).

Features which can be set via software:

· Free assignment of the functions switching, dimming, blind and value transmitter to both inputs or pulse counters and switching counters
· Blocker for blocking individual inputs
· Behaviour when the bus voltage returns can be configured separately for each input
· Telegram rate limiting
· Switching function: two independent switching objects available for each input and can be released individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction), cyclical transmission of the blocker depending on the edge or depending on the object value can be selected
· Dimming function: Single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
· Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between step and moving mode can be set, slat adjustment time can be set
· Value transmitter and light scene auxiliary unit function: Edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without calling up previously is possible
· Temperature value transmitter and brightness value transmitter function: edge and value configurable, value adjustment with push button by pressing and holding button possible
· Pulse counter function: edge for pulse counting and interval time for counter status transfer can be configured, edge of the synchronisation signal for resetting the counter status and switching telegram when synchronisation signal arrives can be set
· Function of switching counter: Edge for counting the signals at the input and maximum counter reading selectable, increment for the counter reading output and telegram when the maximum counter reading is reached can be parameterised
· Function as switching output: Behaviour in case of bus failure and return, switch-on and/or switch-off delay or time-switch function, output clocking (flashing of an LED)

Number of inputs: 2
Connections: Instabus via connection and branch terminal **0595 00**
Input line via
3-pole cable set
Temperature range: -5 °C to +45 °C
Protection type: IP 20
Dimensions: L x W x H 43 x 28 x 15 mm

Push buttons for low voltage up to 42 V 0138 .., 0153 ..
Push rocker insert, 4-gang 0147 00 → Page 192.
Instabus connection and branch terminal 0595 00 → Page 377.

Instabus KNX/EIB
universal push button interface, 4-gang

1119 00	1/5	06

Product family: Input
Product type: Binary input, 4-gang

4-gang flush-mounted binary input, can be used in deep flush-mounted wall box (60 mm deep) behind a conventional switch/push button, for connection of zero-voltage contacts. The switching operations of zero-voltage contacts are converted into Instabus messages. The 4 inputs can be assigned various functions or blocked independently of each other in the process. Two inputs can be parameterised as outputs (max. 0.8 mA).

Features which can be set via software:

· Free assignment of the functions for switching, dimming, blind and value transmitter to inputs 1 through 4 or pulse counters and switching counters to inputs 1 and 2
· Blocker for blocking individual inputs
· Behaviour when the bus voltage returns can be configured separately for each input
· Telegram rate limiting
· Switching function: two independent switching objects available for each input and can be released individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction), cyclical transmission of the blocker depending on the edge or depending on the object value can be selected
· Dimming function: Single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
· Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between step and moving mode can be set, slat adjustment time can be set
· Value transmitter and light scene auxiliary unit function: Edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without calling up previously is possible
· Temperature value transmitter and brightness value transmitter function: edge and value configurable, value adjustment with push button by pressing and holding button possible
· Pulse counter function: edge for pulse counting and interval time for counter status transfer can be configured, edge of the synchronisation signal for resetting the counter status and switching telegram when synchronisation signal arrives can be set
· Function of switching counter: Edge for counting the signals at the input and maximum counter reading selectable, increment for the counter reading output and telegram when the maximum counter reading is reached can be parameterised
· Function as switching output: Behaviour in case of bus failure and return, switch-on and/or switch-off delay or time-switch function, output clocking (flashing of an LED)

Number of inputs: 4
Connections: Instabus via connection and branch terminal **0595 00**
Input line via
5-pole cable set
Temperature range: -5 °C to +45 °C
Protection type: IP 20
Dimensions: L x W x H 43 x 28 x 15 mm

Push buttons for low voltage up to 42 V 0138 .., 0153 ..
Push rocker insert, 4-gang 0147 00 → Page 192.
Instabus connection and branch terminal 0595 00 → Page 377.

Instabus KNX/EIB