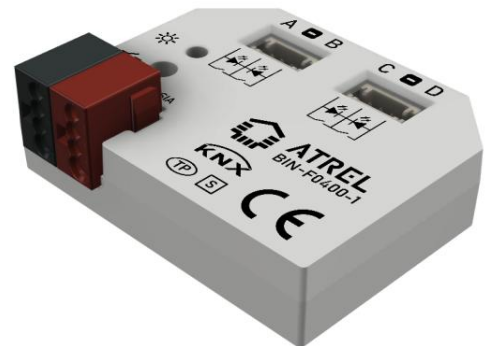


Module of 4x binary inputs/outputs in a ultracompact housing for hidden installation in the mounting box.

Features:

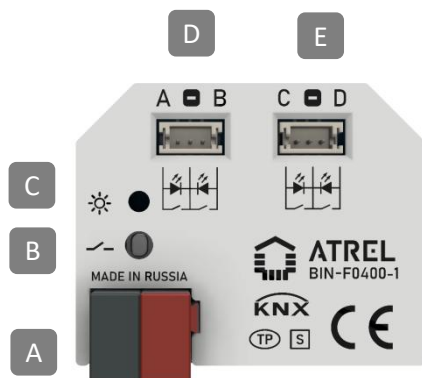
- Up to 4 binary inputs
 - Switch mode
 - Short/long press
 - Pulse counter
 - Scene activation
 - Curtain control
 - Dimmer control
- Up to 4 LED outputs
- 10 logic modules, with the ability to configure any of the 31 functions for each
- Powered by KNX bus, <5mA, 29V



Technical specifications:

Specifications	
Device power supply	from the KNX bus, without external power supply
Number of inputs, max	4
Number of outputs, max (for LED up to 2mA each)	4
Connection type	Two 3-wire connectors (with 15 and 25 cm cable)
Type of installation	Into the mounting or junction box
KNX Interface	
Specification	TP-256
Configuration program	ETS 5.7 or above
Connection	Standard TP1 KNX/EIB connector (type WAGO 234-211)
Operating voltage	21-30V DC
Operating current (29V DC)	<= 5mA < 150mW
Environmental conditions	
Operating temperature range	0 to +45°C
Operation humidity range	5 to 95% (non-condensing)
Storage temperature	-20 to +45°C
Other	
Housing material	PC/ABS
Fire resistance class	UL94-V0
Weight	20 g.
Size	42x33x12mm

Controls and indications



- A - Terminal for connecting the KNX bus
- B - Button for programming mode
- C - Programming mode LED
- D, E - Connectors for cable connector



Device connection diagrams

Terminal	Image	ETS	Purpose	Accessory, Note
A, B, C, D		Binary input	A "dry contact" type input for connecting a switch, a button	
A, B, C, D [*]		LED output	Output for LED type indicator, permissible current up to 2mA	

* It is necessary to observe the polarity, negative (black) wire can be switched to any negative terminal [-]

Supported computing functions:

Logical	Operands (max)
Logical "And"	8
Logical "OR"	8
Logical "XOR"	8
Multiplexer, 1Bit	7+select
Memory cell, 1Bit	1+write+restore
Comparisons	
All equal (with hysteresis)	8
First smallest (with hysteresis)	8
First smallest or equal (with hysteresis)	8
First largest (with hysteresis)	8
First largest or equal (with hysteresis)	8
Mathematical	
Summation	8
Subtraction	8
Division	8
Multiplication	2
Remainder of division	2
Data accumulator	1+reset
Statistical	
Maximum	8
Minimum	8
Average	8
Trimmed mean	8
Sliding average	1
Quantity of non-zero values	8
Other	
Logical conversion / Gate	1
Format conversion / Gate	1
Switch with 2 thresholds	1
Differential switch	1+reset
Pulse counter	1+reset
Multiplexer	7+select
Input number indicator	8
Memory cell	1+ write +restore
Staircase timer	1