Application Unit Logic
ABL/S 2.1, 2CDG 110 072 R0011

The Application Unit Logic is a rail mounted device for insertion in the distribution board. The device contains logical function with the possibility of individual parameter parameterisation. Furthermore, timers with on and off delays and pulse duration, staircase lighting functions and comparators are available.

The device is ready for operation after connection to the bus voltage. The Application Logic Unit is parameterised via the ETS3. The connection to the bus is established using the front side bus connection terminal.

Technical data

Power supply	– Bus voltage – Current consumption, bus – Leakage loss, bus	21 … 32 V DC < 12 mA Max. 250 mW
Connections	– EIB / KNX	via bus connection terminals
Operating and display elements	– Programming LED – Programming button	for assignment of the physical address for assignment of the physical address
Enclosure	– IP 20	to DIN EN 60 529
Safety class	– II	to DIN EN 61 140
Isolation category	Overvoltage category Pollution degree	III to DIN EN 60 664-1 2 to DIN EN 60 664-1
EIB / KNX safety extra low voltage	SELV 24 V DC	
Temperature range	– Operation – Storage – Transport	– 5°C … + 45°C – 25°C … + 55°C – 25°C … + 70°C
Ambient conditions	– Maximum air humidity	93 %, no condensation allowed
Design	– Modular installation device (MDRC) – Dimensions – Mounting width in space units – Mounting depth	Modular installation device, Pro*M* 90 x 36 x 64.5 mm (H x W x D) 2, 2 modules at 18 mm 64.5 mm
Installation	– On 35 mm mounting rail	to DIN EN 60 715
Mounting position	– as required	
Weight	– 0.1 kg	
Housing/colour	– Plastic housing, grey	
Approvals	– EIB / KNX to EN 50 090-1, -2	Certification
CE mark	– in accordance with the EMC guideline and low voltage guideline	

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Application program	Max. number of communication objects	Max. number of group addresses	Max. number of associations
Logic Time 254EA/2	254	254	254

Note:

ETS3 is required for programming. A ".VD3" type file must be imported.
The application program is available in the ETS3 at ABB/controller/controller.

See the product manual "Application Unit Logic ABL/S 2.1" for a detailed description of the application program.
The manual is available free of charge on the Internet at www.abb.de/eib.

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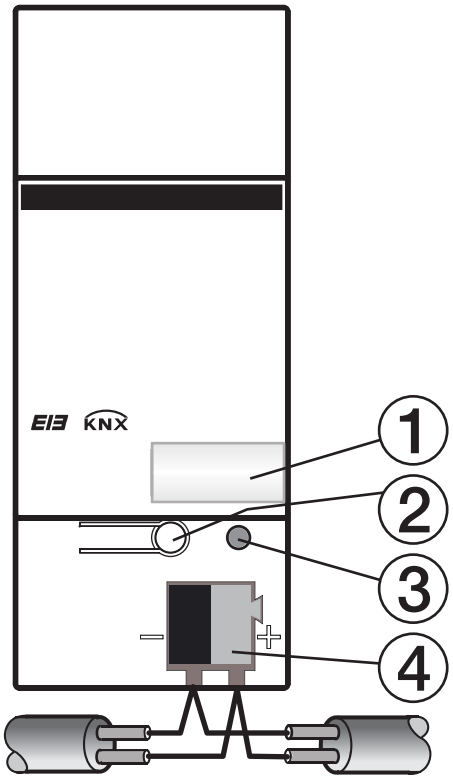
Circuit diagram



1 Label carrier
2 Programming button
3 Programming LED
4 Bus connection terminal

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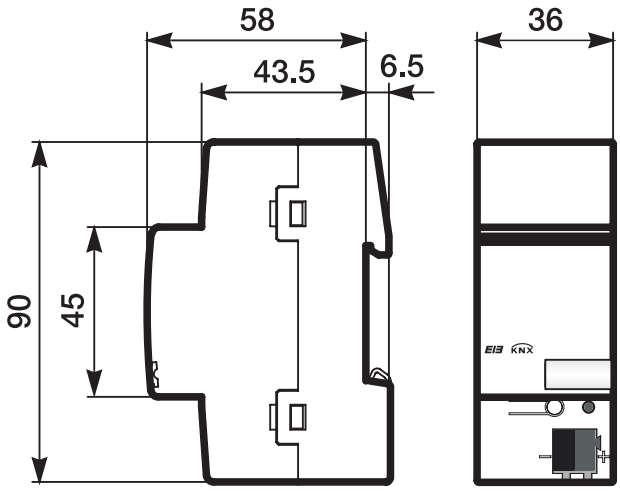
Dimension drawing



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