Application Unit Time, MDRC
ABZ/S 2.1, 2CDG 110 072 R0011

The Application Unit Time is a DIN rail mounted device for insertion in the distribution board. The device contains a year time switch program with the option of defining day routines and week routines individually. Complex group formations are also possible.

The device is ready for operation after connecting the bus voltage.
The Application Unit Time is parameterised via ETS3. The connection to the bus is established via the bus connecting terminal at the front of the device.

Technical data

Power supply	– Bus voltage – Power consumption, bus – Leakage loss, bus	21 … 32 V DC < 12 mA Max. 250 mW
Connections	– EIB / KNX	Via bus connecting terminal
Operating and display elements	– Programming LED (3) – Programming button (2)	For assignment of the physical address For assignment of the physical address
Type of protection	– IP 20	In accordance with DIN EN 60 529
Protection class	– II	In accordance with DIN EN 61 140
Insulation category	Overvoltage category Degree of pollution	III in accordance with DIN EN 60 664-1 2 in accordance with 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 %, moisture condensation not permitted
Design	– DIN rail mounted device (MDRC) – Dimensions – Mounting width in modules – 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	In accordance with 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	Certificate
CE norm	– in accordance with the EMC guideline and low voltage guidelines	

10

Application Unit Time, MDRC
ABZ/S 2.1, 2CDG 110 072 R0011

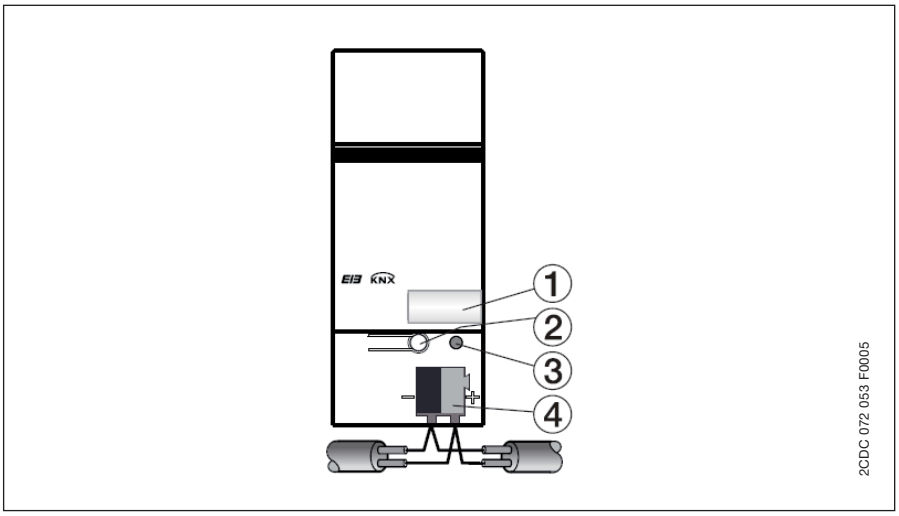
Application program	Max. number of communication objects	Max. number of group addresses	Max. number of associations
Times Groups/2	250	250	254

Note:

ETS3 is required for programming. A file of type ".VD3" must be imported.
The application program is stored in ETS3 under ABB/Controller/Controller.

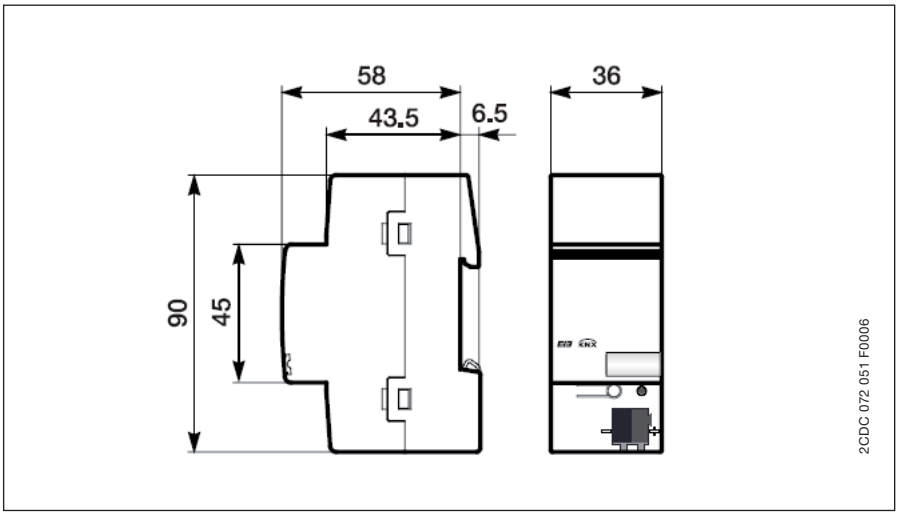
See the product manual "Application Unit Time ABZ/S 2.1" for a detailed description of the application program.
The manual is available free of charge on the Internet at www.abb.de/eib.

Circuit diagram



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

Dimension drawing



10