



For installation in the distribution board. The device is used for recording of switching operations and operating hours on 35 channels. The BDB/S 1.1 is operational after the bus voltage.

The module is programmed directly via the application program ETS. The connection to the ABB i-bus® is established via the bus connection terminal at the front of the device.

Technical data

Power supply	– Bus voltage – Current consumption, bus – Leakage loss, bus	21 ... 30 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, ProM 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	

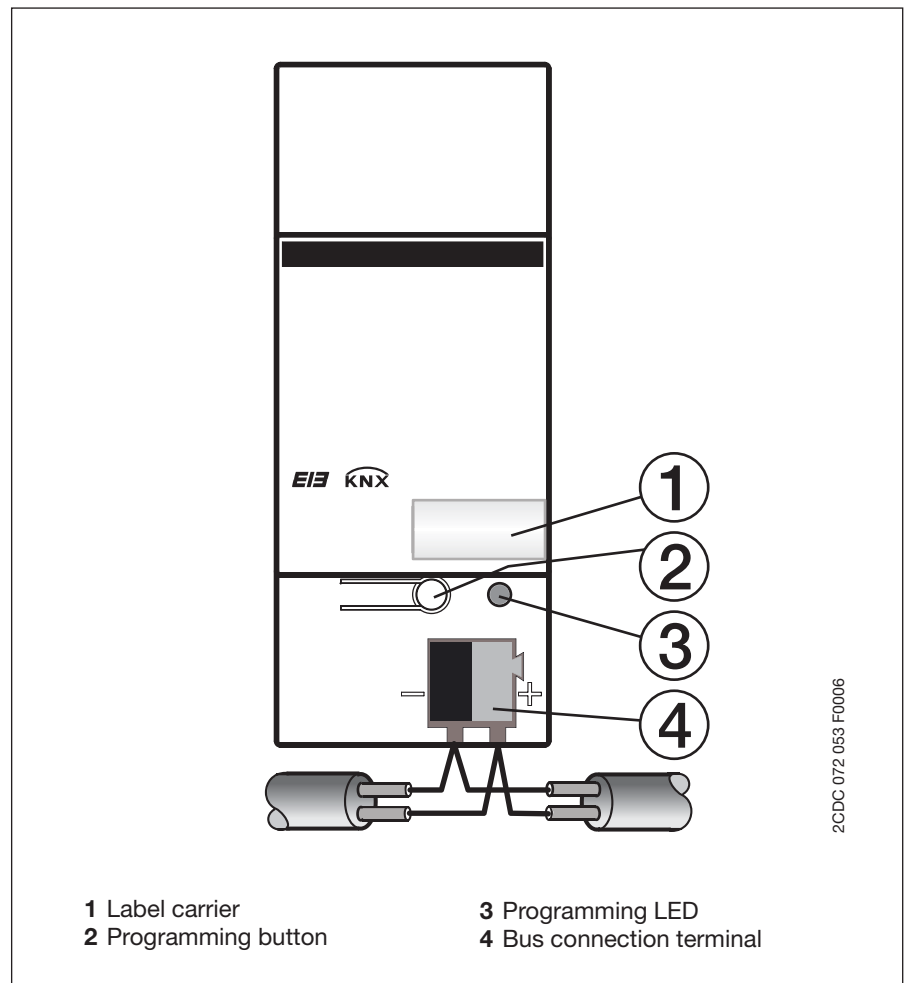
Application program	Max. number of communication objects	Max. number of group addresses	Max. number of associations
Operating data recording/1	250	254	255

Note:

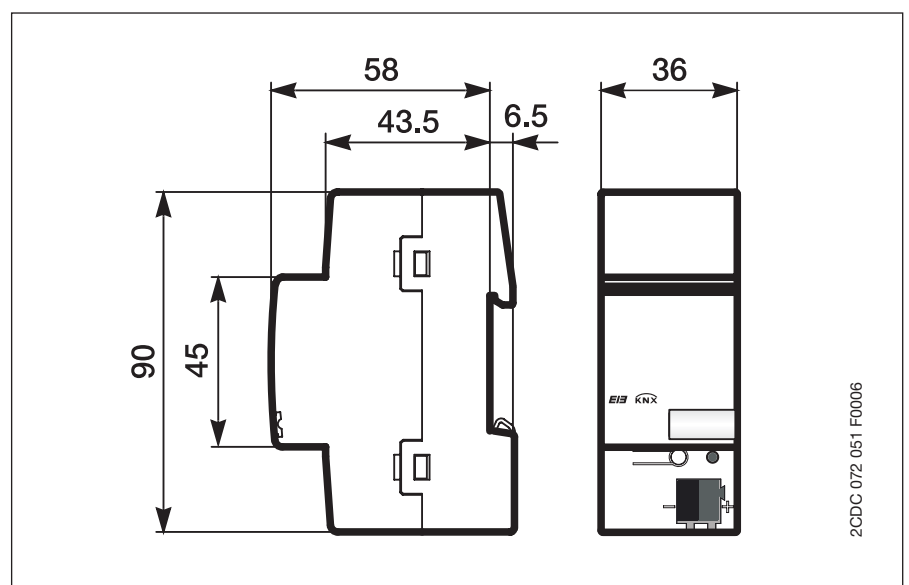
ETS is required for programming. If ETS3 is used a “.VD3” type file must be imported. The application program is available in the ETS under ABB/Safety and Monitoring/Controller.

See the product manual ”Data Logging Unit BDB/S 1.1” 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



Dimension drawing



Notes

