

EASYBus - components

Alarm monitoring

EBUW 232 A independent alarm monitoring module for EASYBus-modules



The EBUW232A monitors independently, it means without additional PC up to 240 EASYBus-modules for their alarm conditions. If an alarm is present, the alarm output of the EBUW 232 A will be set. With the included adapter cable the relay module GNR 232 A can be controlled. Additionally an adequate to the bus connected switching module (EBB .. OUT) can be controlled.

Power supply: 6 - 12 V DC, max. 10 mA (connection over approx. 50 cm adapter cable)
Switching output: NPN open-collector, max. switching capacity: 24 V, 50 mA (connection over adapter cable)

GNG 12 - LE plugin power supply 12 V DC / 300 mA

GNR 232 A Power supply and relay module for EBUW 232 A



Power supply: 230 V, 50/60 Hz
Output voltage: 12 V DC $\pm 5\%$ (regulated) 25 mA
Relay output: volt-free changeover contacts, switching current max. 10 A ohmic load
Connection: screw-type terminal
Dimensions: 96 x 61 x 60 mm (H x B x T)

EB 2000 EASYBus-display and monitoring device for 9 channels

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EB 3000 EASYBus-display, regulating and monitoring device for 20 channels

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Switching modules

EBB 2 OUT / BP EASYBus switching module, 2 relay, bus-powered

EBB 2 OUT / 12V EASYBus switching module, 2 relay

EBB 4 OUT / BP EASYBus switching module, 4 relay, bus-powered

EBB 4 OUT / 12V EASYBus switching module, 4 relay

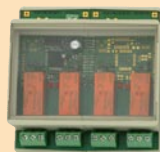


The EBB ... OUT / ... are switching modules for the EASYBus that can be arbitrarily placed on a location in the bus system. The control of the modules' relays is realized by an alarm monitoring module EBUW232A or by PC-software (e.g. EASYControl).

There are 2 different design types of the switching modules:

... / BP: Bus Power - no external auxiliary supply needed

... / 12V: external 12V-supply needed - this allows faster switching and a higher operating reliability due to adjustable preferred relay states in case of a system failure. (*Power supply unit not in scope of supply*)



	EBB 2 OUT / BP	EBB 4 OUT / BP	EBB 2 OUT / 12V	EBB 4 OUT / 12V
Power supply:	Powered by the EASYBus		12 V DC $\pm 10\%$ / 150 mA	
Switching outputs:	2 changers	4 changers	2 changers	4 changers
Switching reaction:	< 1 seconds	< 2 seconds	< 0.1 seconds	< 0.1 seconds
Switching power:	max. 250 V AC / 16 A ohmic load			
Connection:	screw type terminal			
Dimensions:	96 x 48 x 60 mm	96 x 94 x 60 mm	96 x 48 x 60 mm	96 x 94 x 60 mm

Remote operation



MODEM 1000 analog standard industry-MODEM for the EASYBus remote data transfer via analog telephone nets.

refer to homepage



MODEM 2500 analog hat rail MODEM with alarm input and SMS alarm for the EASYBus remote data transfer via analog telephone nets.

refer to homepage

MODEM 3500 GSM GSM MODEM with alarm input and SMS alarm for the EASYBus remote data transfer via 900MHz mobile nets (D1, D2, etc.).

refer to homepage



DFM 232 SET Wireless data connection, 433MHz, consisting of transmitter and receiver for wireless data transmission to EASYBus-modules via 433Mhz radio network.

Bi-directional RS232 interface (DB9), e.g for the connection of EBW 1, large range of up to 1500 m at free air, within buildings similar to DECT telephones.



LAN 3000 Serial-to-Ethernet-Converter for remote access to EASYBus-modules via LAN or Internet.

Serial RS232 Input (DB-9) e.g. for EBW1, 1* LAN Port RJ-45 10/100Mbps
 Supported protocols: TCP, DHCP, HTTP, etc.
 Network connection via: Stat. IP, DHCP or PPPoE