

SBM20 Input/Output Module

Application

The SBM20 is an input/output module on the switch cabinet bus with 8 binary inputs for counting pulses up to 60 Hz.

The basic program of the SBM20 counts pulses and provides data on the counted pulses.



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Important Information Regarding Product Safety

Safety Instructions

This data sheet contains information on installing and commissioning the product "SBM20 Input/Output Module". Each person who carries out work on this product must have read and understood this data sheet. If you have any questions that are not resolved by this data sheet, you can obtain further information from the supplier or manufacturer.

If the product is not used in accordance with this data sheet, the protection provided will be impaired.

Applicable regulations must be observed when installing and using the device. Within the EU, these include regulations regarding occupational safety and accident prevention as well as those from the VDE (German Association for Electrical, Electronic & Information Technologies). If the device is used in other countries, it is the responsibility of the system installer or operator to comply with local regulations.

Mounting, installation and commissioning work on the devices may only be carried out by qualified technicians. Qualified technicians are persons who are familiar with the described product and who can assess given tasks and recognize possible dangers due to technical training, knowledge and experience as well as knowledge of the appropriate regulations.

Meaning of the Symbols



WARNING

Indicates a hazard of medium risk which can result in death or severe bodily injury if it is not avoided.



CAUTION

Indicates a hazard of low risk which can result in minor or medium bodily injury if it is not avoided.



NOTICE

Indicates a hazard of medium risk which can result in material damage or malfunctions if it is not avoided.



Note

Indicates additional information that can simplify the work with the product for you.

Notes on Disposal

For disposal, the product is considered waste from electrical and electronic equipment (electronic waste) and must not be disposed of as household waste. Special treatment for specific components may be legally binding or ecologically sensible. The local and currently applicable legislation must be observed.

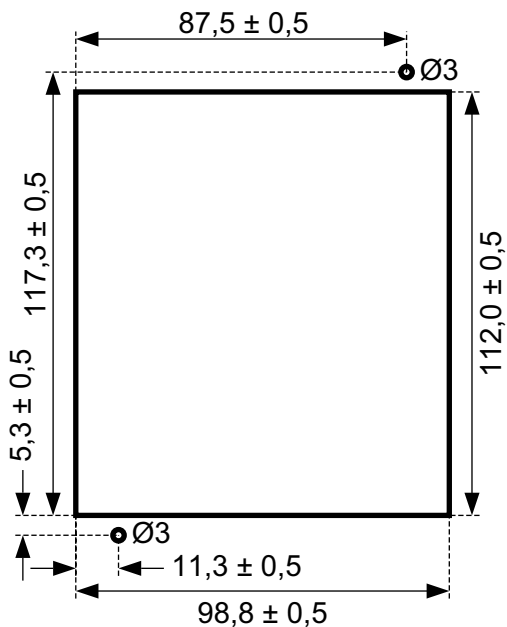
Item

SBM20 Input/output module on switch cabinet bus

Technical Data

Bus connection	Switch cabinet bus SBM bus	16 switch cabinet bus modules SBM; 200 m; 40 kBd; CAN
Inputs and outputs	8 binary inputs BI	Potential-free contact 5 mA / DC 24 V (max. 250 ohm)
Nominal voltage	For SBM For inputs and outputs	AC 24 V 10%; 50 to 60 Hz; 2.5 VA DC 24 V 10%; 200 mA; 5 W Terminals 17 and 37, internally connected
Fuse	Electronic	
Address switch	00 to 16 by means of 2 rotary switches behind front panel	
Displays	LED bus, LED error	
Switches / pushbuttons	None	
Degree of protection	IP40	
Ambient temperature	0 to 45 °C	
Ambient humidity	During operation: 20 to 80% r.h., non-condensing Out of operation: 5 to 90% r.h., non-condensing	
Housing	19" plastic short enclosure, double width with a plug-in base W x H x D; 101 mm x 132 mm x 137 mm	
Front cut-out	98.8 mm x 112.0 mm	
Weight	0.4 kg	
Marking	CE	

Installation Dimensions



Connection

