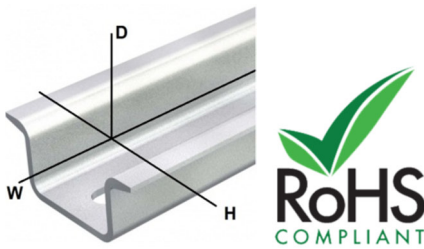


MagLevFan-Interface

MagLevFan-Interface-Module

The MagLevFan-Interface-Module is an adapter. This adapter was specially designed for the BFS-i fan series from Levitronix. The manufacturer delivers the BFS-i fan series from the factory with a permanently cast connecting cable, which is pre-assembled with two sockets at the beginning of the cable. The respective counterpart is located on the adapter and the signals can be further distributed to various devices via the spring-loaded terminals. The RS485 service interface is also available on the adapter.



Key commercial data

Packing unit	1 pc
Weight per piece (excluding packing)	81g
Weight per piece (including packing)	91g
Country of origin	Germany

Technical data mechanically

Width (W)	61mm
Height (H)	92mm
Depth (D)	59mm
Ambient temperature (operation)	0°C ... 50°C
Ambient temperature (storage/transport)	-20°C ... 70°C
Relative humidity	90% without condensation
Mounting position	any

Technical data electric

Nominal voltage U_N	48V DC
Service interface	1 pcs
Protection class	IP20



MagLevFan-Interface
MagLevFan-Interface-Module

Connection data PCB terminal X1	
Nominal current I_N	10A
Connection type	Push-in spring connection
Conductor cross section solid	0,25mm ² ... 4mm ²
Conductor cross section flexible	0,25mm ² ... 2,5mm ²
Conductor cross section with ferrule, without plastic sleeve	0,25mm ² ... 2,5mm ²
Conductor cross section with ferrule, with plastic sleeve	0,25mm ² ... 1,5mm ²
Stripping length	10mm
Connection data PCB terminal X2	
Nominal current I_N	0,5A
Conductor cross section solid	0,25mm ² ... 1,5mm ²
Conductor cross section flexible	0,25mm ² ... 1,5mm ²
Conductor cross section with ferrule, with/ without plastic sleeve	0,25mm ² ... 1,5mm ²
Stripping length	10mm
Connection data service interface	
Connection type	USB/RS485 converter
Connection data pin header P	
Nominal current I_N	5A
Connection type	BFS-i Power socket
Connection data pin header S	
Nominal current I_N	0,5A
Connection type	BFS-i Signal socket

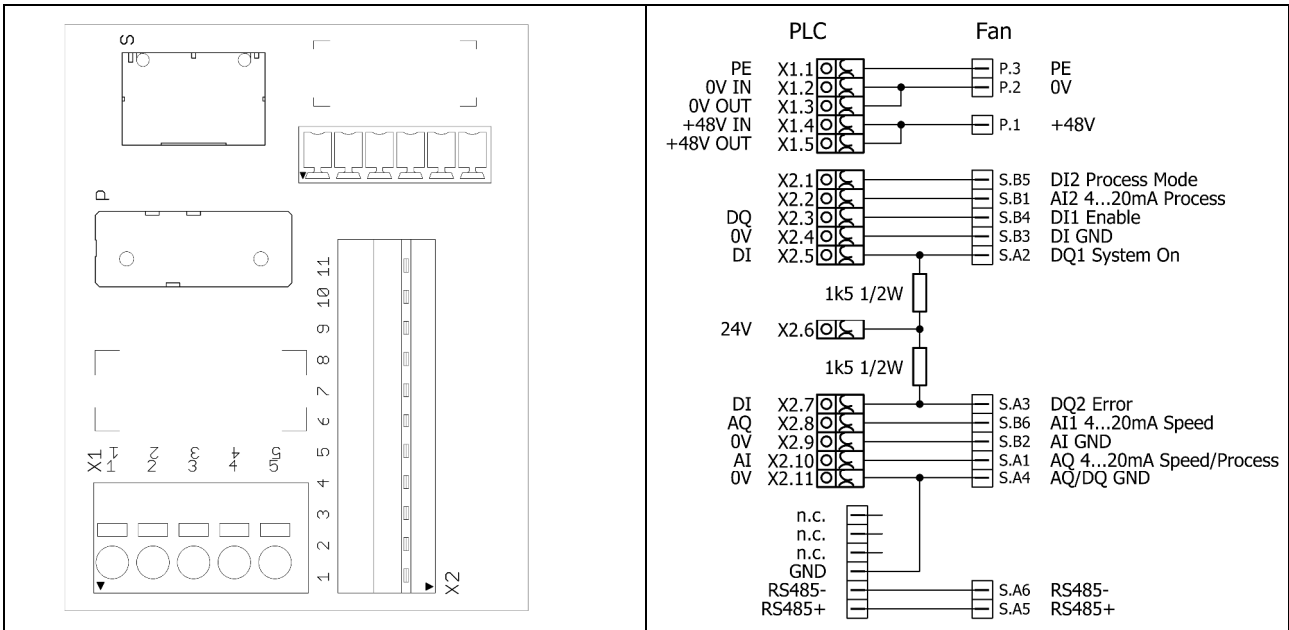
Standards and Regulations

Standards/regulations	EN 50178: 10/97
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MagLevFan-Interface MagLevFan-Interface-Module

PIN assignment



The spring-loaded terminals for the single wires are located at the bottom at the factory. It is possible to turn the spring-loaded terminals by 180° so that connection is possible from top. To do this, the three locks on a side element on the back (see pictures, marked in red) must be released. Then the side element can be removed and the PCB rotated by 180°. Finally, the side element can be reassembled accordingly.

MagLevFan-Interface

MagLevFan-Interface-Module

Pictures

