

Circuit diagram
PI/Ex-MB/16/D-SUB

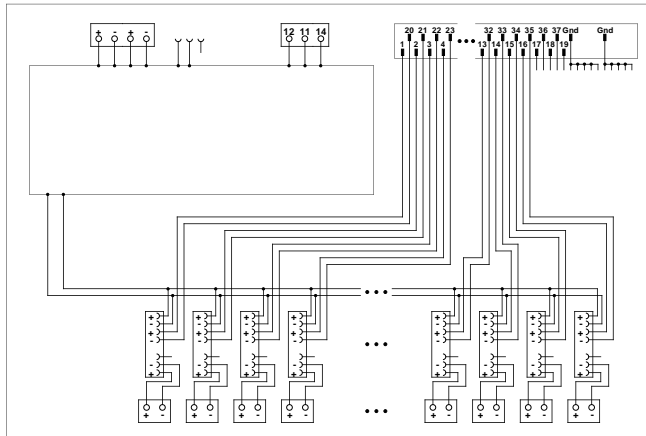


Fig. 3



Fig. 4



2. Technical Data

PI/Ex-MB/16/D-SUB

for 16 PI/Ex... modules

	(IEC) [mm ²]	rigid solid	flexible stranded	AWG	I [A]	U [V DC]
Connection data	0.2-4	0.2-2.5	24-12	1	35	

2.1. Description

Motherboard, takeup for
16 PI/Ex... Process Interface modules,
for mounting on  or 

2.2. Accessories

System-specific adapter printed circuit boards

Zack marker sheets and marking

2.3. General Data

Connection to control system level

Supply
Nominal voltage
Polarity reversal protection
Operating voltage monitoring

Safety monitoring

Load carrying capacity of alarm contact switching power
 switching current
 switching voltage

Connection to field level (Ex-area)
Dimensions (W x H x D, equipped)
Approval

on request

see catalog **Modular Terminal Blocks**

37-pos. D-SUB pin strip (DIN 41652/IEC 807-2)
max perm. current = 1 A (125 V AC/DC)
redundant, decoupled from diode
20 -35 V DC
yes
failure of one of the two power supplies is signalized by the green LED
extinguishing and the relay contact opening/closing.

a burning fuse is signalized by a red LED and the relay contact
opening/closing.
max. 1250 VA
max. 5 A
max. 250 V
16 printed circuit screw terminal blocks (2-pos.)
223 mm x 154 mm x 127.5 mm
acc. to ATEX 100a (EN 50014/EN50020) - applied for

2.4. Standards/regulations

Air and creepage distances

EN 50020
IEC 60664 (1980)/IEC 60664 (1981)
DIN VDE 0110

单击下面可查看定价，库存，交付和生命周期等信息

[>>Phoenix Contact\(菲尼克斯\)](#)