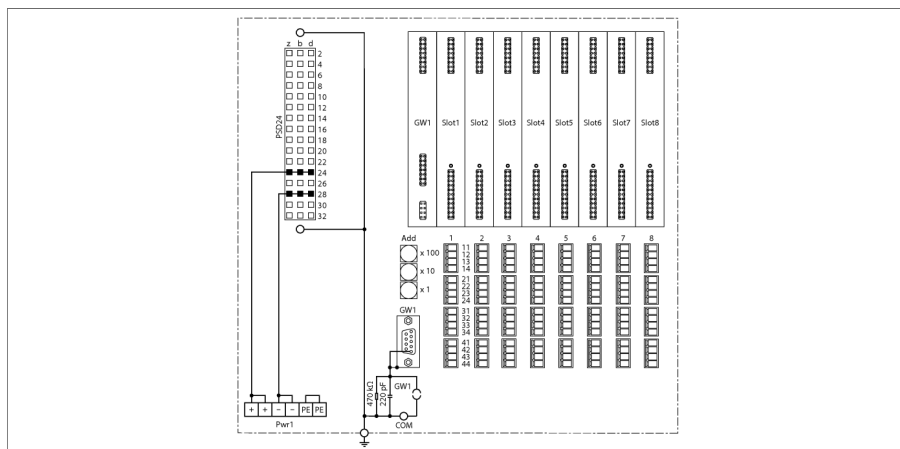




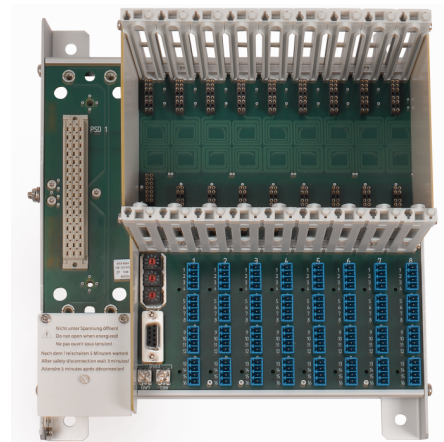
The module rack MT08-2G consists of a back-plane and the actual rack system. It can accommodate a gateway, a power supply unit as well as 8 I/O modules. Up to 64 binary inputs/outputs or 32 analog inputs/outputs resp. a mix of both can be connected to it. Unlike the MT16, neither gateways nor power supply units can be connected redundantly to the MT08.

All modules can be plugged and unplugged under power without interrupting the data transmission.

The module rack is designed in a combined protection rating of Ex e and Ex i and can therefore be used in zone 1.

The power supply of modules on the back-plane is limited to prevent sparking. This allows you to pull and plug modules in powered state with *excom®* mounted in zone 1.

The rack system is made of continuously cast aluminum. This ensures increased stability and shielding. The module rack is suited for switch cabinet and 19" rack mounting.

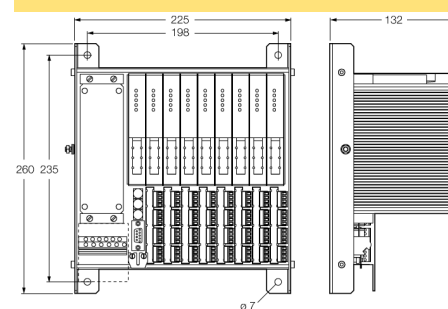


- **Module rack for max. 8 I/O modules, 1 gateway and 1 power supply module**
- **The terminals for the signal connection level are available as accessories**

Module Rack, Zone 1, for 8 Modules
MT08-2G

Type designation	MT08-2G
Ident-No.	9100684
Ex approval acc. to conformity certificate	IECEX PTB 13.0040 U
Ex approval acc. to conformity certificate	PTB 00 ATEX 2194 U
Device designation	Ex II 2 (1) G Ex eb ib [ia] IIC T4
Slots	
DC power supply	1
Gateway	1
Block I/O	8
Terminal cross-section	1.5 mm ²
Bus connection	1 x 9-pol. D-SUB
Bus address	3 x decimal-coded rotary switches
Housing material	Aluminium, extrusion profile
Connection mode	Mounting panel
Protection class	IP20
Ambient temperature	-20...+70 °C
Relative humidity	≤ 93 % at 40 °C acc. to EN 60068-2-78: test cab
Vibration test	acc. to IEC 60068-2-6
Shock test	acc. to IEC 60068-2-27
EMC	acc. EN 61326-1 (2013) acc. to Namur NE21 (2012)
MTTF	1211 years acc. to SN 29500 (Ed. 99) 40 °C
Dimensions	227 x 260 x 130 mm
Approvals	ATEX cFM cFM _{us} IECEX NEPSI INMETRO KOSHA GOST

Dimensions



Accessories

Type code	Ident-No.	Description	Dimension drawing
STB16-4RS/1.5-BU	9909622	16-pcs. set: 4-pin terminal block, screw clamps blue	
STB16-4RC/1.5-BU	9909623	16-pcs. set: 4-pin terminal block, cage clamps blue	