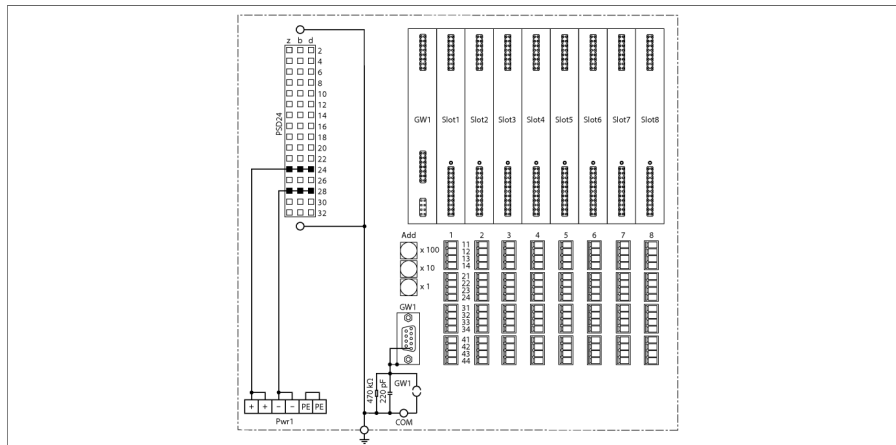


excom I/O System

Module Rack, Zone 1, for 8 Modules

MT08-2G



The module rack MT08-2G consists of a backplane 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.

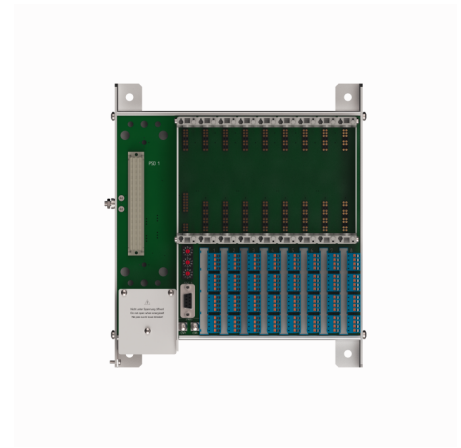
All modules can be plugged and unplugged under power without interrupting the data transmission.

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 backplane is limited to prevent sparking. This allows you to pull and plug modules in powered state with *excom*® mounted in zone 1.

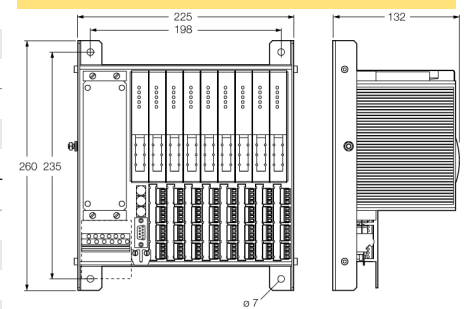
The rack system is made of continuously cast aluminum. This ensures increased stability and shielding. The module rack is suited for switch cabinet and 19" rack mounting.

- 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

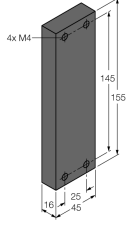


Type	MT08-2G
ID	9100684
Ex approval acc. to conformity certificate	IECEX PTB 13.0040 U
Ex approval acc. to conformity certificate	PTB 00 ATEX 2194 U
Device designation	Ex II 2 (1) G Ex eb ib [ia] IIC T4
Displays/Operating elements	
Slots	
DC power supply	1
Gateway	1
Block I/O	8
Terminal cross-section	1.5 mm ²
Electrical connection	4 × 4 clamps per module
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 IEC 60068-2-78
Vibration test	Acc. to IEC 60068-2-6
Shock test	Acc. to IEC 60068-2-27
EMC	Acc. to EN 61326-1 Acc. to Namur NE21
MTTF	1211 years acc. to SN 29500 (Ed. 99) 40 °C
Dimensions	227 x 260 x 130 mm
Approvals	ATEX cFM cFMus IECEX CCC INMETRO KOSHA EAC Ex UKCA CE

Dimensions



Accessories

Type code	Ident no.		Dimension drawing
BM-PS	6884044	Cover for the unused power port	
BM1	6884036	Dummy module for unused slots on the module rack	