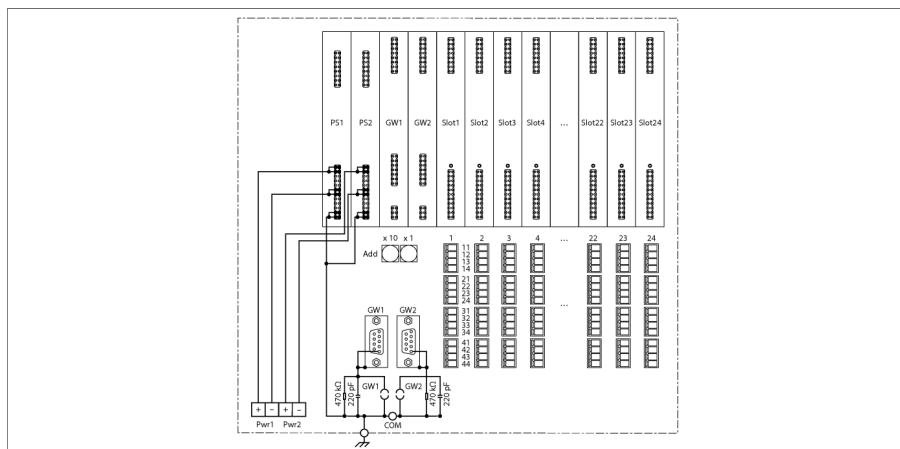


Module rack for 24 modules, zone 2 MT24-3G



The module rack MT24-3G consists of a back-plane and the actual rack system. It can accommodate 2 gateways, 2 power supply units as well as 24 I/O modules. Up to 192 binary inputs/outputs or 96 analog inputs/outputs resp. a mix of both can be connected to it.

All modules can be plugged and unplugged under power without interrupting the data transmission. The same applies to redundant gateways and power supply modules.

The module rack is designed in a combined protection rating of Ex e and Ex i and can therefore be used in zone 2.

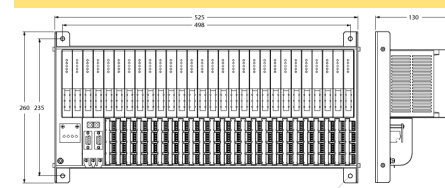
The power supply of modules on the back-plane is limited to prevent sparking. This allows you to pull and plug modules in powered state with *excom®* mounted in zone 2.

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

- **Module rack for max. 24 I/O modules, 2 gateways and 2 power supply modules**
- **The terminals for the signal connection level are available as accessories**

Module rack for 24 modules, zone 2 MT24-3G

Dimensions



Type designation	MT24-3G
Ident-No.	9100682
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 3 (1) G Ex nAc ib ic [ia] IIC T4
Slots	
DC power supply	2
Gateway	2
Block I/O	24
Terminal cross-section	1.5 mm ²
Bus connection	2 x 9-pin SUB-D
Bus address	2 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	525 x 260 x 130 mm
Approvals	ATEX IECEX NEPSI INMETRO KOSHA GOST

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	