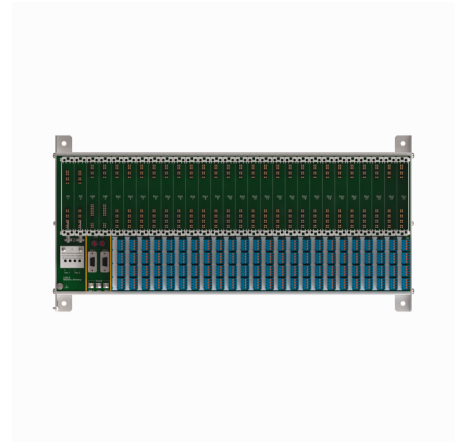
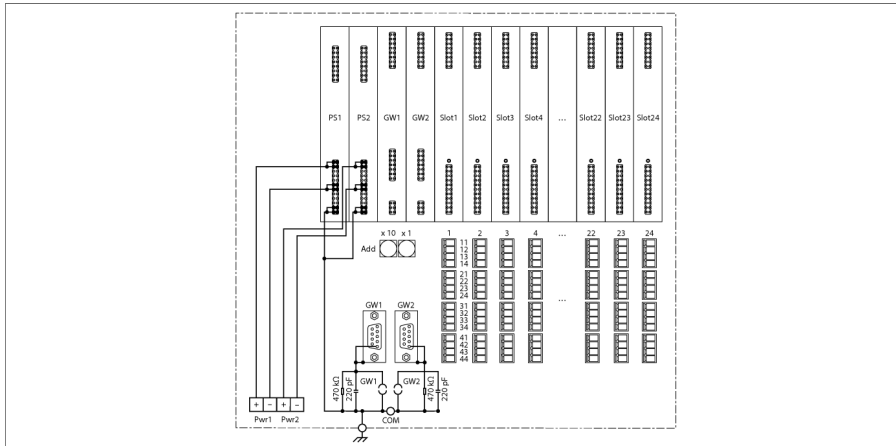


## excom I/O System Module Rack for 24 Modules, Zone 2 MT24-3G



The module rack MT24-3G consists of a backplane 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 backplane is limited to prevent sparking. This allows you to pull and plug modules in powered state with *excom*® mounted in zone 2.

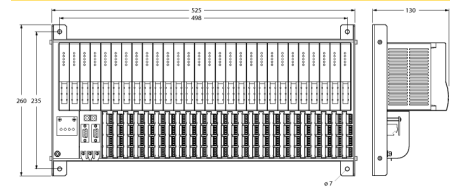
The rack system is made of continuously cast aluminum. This ensures increased stability and shielding. The module rack is suited for switch cabinet and rack mounting.

- **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**

**excom I/O System**  
**Module Rack for 24 Modules, Zone 2**  
**MT24-3G**

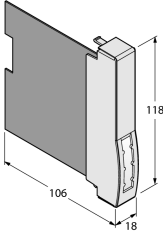
<b>Type designation</b>	MT24-3G
Ident no.	9100682
<b>Ex approval acc. to conformity certificate</b>	IECEX PTB 13.0040 U
Ex approval acc. to conformity certificate	PTB 00 ATEX 2194 U
Device designation	II 3 (1) G Ex nA ib ic [ia Ga] IIC T4 Gc
<b>Slots</b>	
DC power supply	2
Gateway	2
Block I/O	24
<b>Terminal cross-section</b>	1.5 mm <sup>2</sup>
<b>Electrical connection</b>	4 × 4 clamps per module
Bus connection	2 x 9-pin SUB-D
Bus address	2 x decimal-coded rotary switches
<b>Housing material</b>	Aluminium, extrusion profile
Connection mode	Mounting panel
<b>Protection class</b>	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	525 x 260 x 130 mm
<b>Approvals</b>	ATEX IECEX NEPSI INMETRO KOSHA GOST

**Dimensions**



**excom I/O System**  
**Module Rack for 24 Modules, Zone 2**  
**MT24-3G**

**Accessories**

Type code	Ident no.		Dimension drawing
BM1	6884036	Dummy module for unused slots on the module rack	
D9T- RS485IS /6ES7972-0DA60-0XA0	6890944	PROFIBUS bus connector for RS485-IS, Fast Connect, only for use with IS devices!	