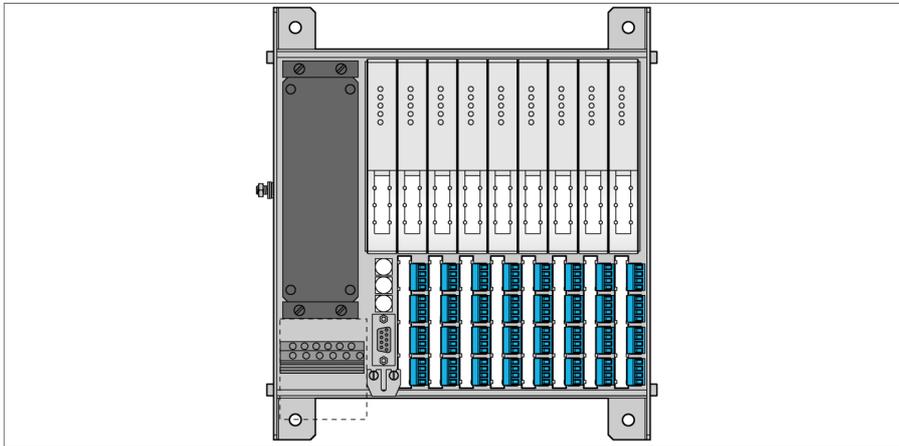


excom I/O System

24 VDC module rack for 8 modules

MT9-R024



The module rack MT9-R024 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 in/outputs or 32 analog in/outputs resp. a mix of both can be connected to it. Unlike the MT18, neither gateways or power supply units can be connected redundantly to the MT9.

All modules can be plugged and unplugged in energized state without interrupting the data transfer.

A combined protection rating of Ex e and Ex i enables application in zone 1.

The power supply of modules on the backplane is limited to prevent sparking. Therefore, when using *excom®* in zone 1, modules can be plugged and unplugged in energized state.

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
- Mini-Combicon terminals for the signal connection level

Type	MT9-R024
ID	9100444
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 e ib [ia Ga] IIC T4 Gb
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 IECEX cFMus TR CU KOSHA NEPSI INMETRO

