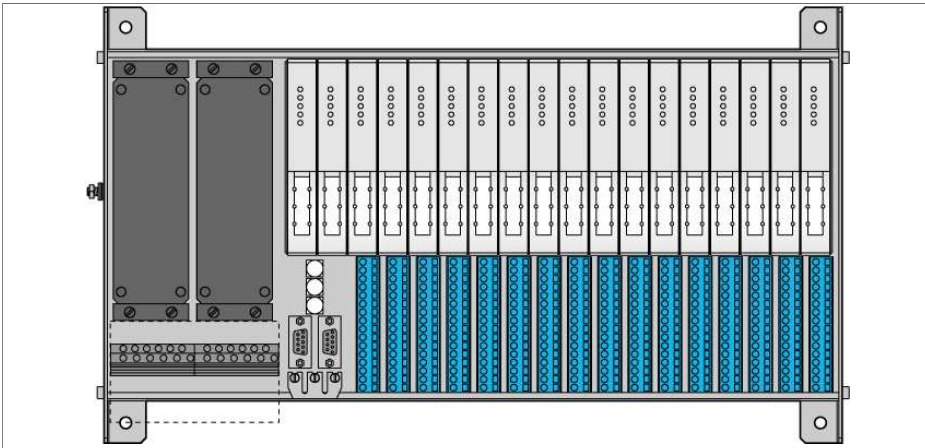




The MT18-C024 module rack consists of a backplane and the actual rack system. It can accommodate 2 gateways, 2 power supply units as well as 16 I/O modules. Up to 128 binary in/outputs or 64 analog in/outputs resp. a mix of both can be connected to it.

All modules can be plugged and unplugged in energized state without interrupting the data transfer. The same applies to redundant gateways and power supply units.

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 aluminium strand cast providing better stability and shielding. The module rack is suited for wall and 19" rack mounting.

- **Module rack for max. 16 I/O modules, 2 gateways and 2 power supply modules**
- **Cage clamps for the signal connection level**

Type code	MT18-C024
Ident no.	9100440
Ex approval acc. to conformity certificate	PTB 00 ATEX 2194 U
Device designation	Ex II 2 (1) G Ex eb ib [ia] IIC
Slots	
AC converter	0
DC power supply	2
Gateway	2
I/O modules	16
Electrical connection	4 x 4 clamps per module
Terminal cross-section	1.5 mm ²
Bus connection	2 x 9-pol. D-SUB
Bus address	3 x decimally coded rotary switches
Housing material	Aluminium strand cast profile
Connection mode	Wall mounting
Protection class	IP20
Ambient temperature	-20...+70 °C
Relative humidity	≤ 95% at 55 °C acc. to EN 60068-2
Vibration test	acc. to IEC 60068-2-6
Shock test	acc. to IEC 60068-2-27
EMC	acc. to EN 61326-1 (2006)
	acc. to Namur NE21 (2007)
MTTF	1211 years acc. to SN 29500 (Ed. 99) 40 °C
Dimensions	440x 260x 130 mm
Weight	3730 g

Dimensions

