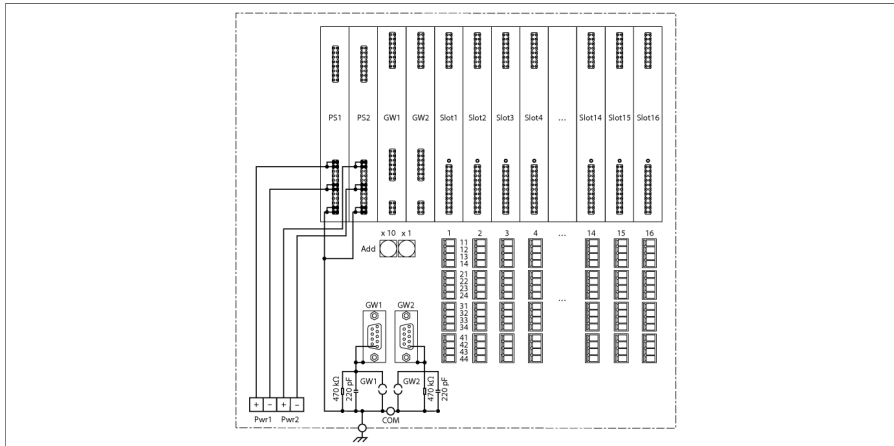


excom I/O System

Module Rack, Non-Ex, for 16 Modules

MT16-N



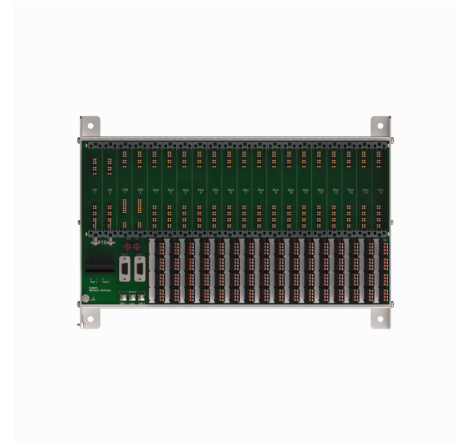
The module rack MT16-N consists of a back-plane and the actual rack system. It can accommodate 2 gateways, 2 power supply units as well as 16 I/O modules. Up to 128 binary inputs/outputs or 64 analog inputs/outputs resp. a mix of both can be connected to it.

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

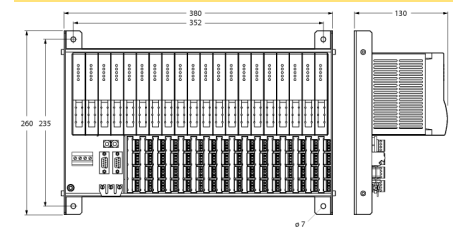
The module rack can be installed in non-Ex areas and in zone 2/22, and only non-intrinsically safe signals should be connected.

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. 16 I/O modules, 2 gateways and 2 power supply modules
- The terminals for the signal connection level are available as accessories



Dimensions



Type	MT16-N
ID	9100686
Ex approval acc. to conformity certificate	IECEX TUR 21.0012X
Ex approval acc. to conformity certificate	TÜV 21 ATEX 8643 X
Device designation	Ex II 3 G Ex ec IIC T4 Gc
Slots	
DC power supply	2
Gateway	2
Block I/O	16
Terminal cross-section	1.5 mm ²
Electrical connection	4 × 4 clamps per module
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	-40...+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	380 x 260 x 130 mm
Approvals	ATEX cFMus cFM IECEX CE

Accessories

Type code	Ident-No.		Dimension drawing
BM-N	6884226	Dummy module for unused slots on the module rack, version N	