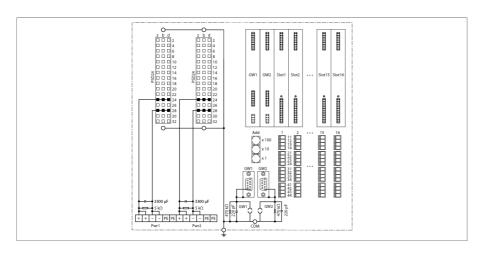


excom I/O System Module Rack, Zone 1, for 16 Modules MT16-2G





The MT16-2G module rack consists of a back-plane, two PS-F24Ex mains filters 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. Two PS-F24Ex mains filters are mounted on the module rack. The mains filters filter the 24 VDC voltage and protect against induced interference in the supply cable

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 1.

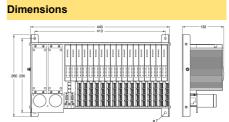
The power supply of modules on the backplane is limited to prevent sparking. This allows you to pull and plug modules in powered state with *excom*® mounted in zone 1.

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



MT16-2G	
9100687	
IECEx PTB 13.0040 U	
PTB 00 ATEX 2194 U	
🖘 II 2 (1) G Ex eb ib [ia] IIC T4	
2	
2	
16	
1.5 mm²	
4 × 4 clamps per module	
2 x 9-pin SUB-D	
3 x decimal-coded rotary switches	
Aluminium, extrusion profile	
Mounting panel	
IP20	
-40+70 °C	
≤ 93 % at 40 °C acc. to IEC 60068-2-78	
Acc. to IEC 60068-2-6	
Acc. to IEC 60068-2-27	
Acc. to EN 61326-1	
Acc. to Namur NE21	
1211 years acc. to SN 29500 (Ed. 99) 40 °C	
440 x 260 x 130 mm	
ATEX cFM cFMus IECEx CCC INMETRO KOSHA EAC EX UKCA CE	





Accessories

Type code	Ident-No.		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	
BM-PS	6884044	Cover for the unused power port	4x M4 145 155
BM1	6884036	Dummy module for unused slots on the module rack	106
D9T- RS485IS /6ES7972-0DA60	6890944 0-0XA0	PROFIBUS bus connector for RS485-IS, Fast Connect, only for use with IS devices!	39,5