



Stainless steel

863-EN-16

- ◆ enclosure for 870-CA-16 Node Services Carrier
- ◆ prepared for wall mounting
- ◆ mounting in Zone 1
- ◆ DIN rail for power supply filters

Enclosure type 863-EN-16 is designed to accommodate a complete MTL8000 1/1 node with up to 16 I/O modules in a Zone 1 hazardous area. It has integral mounting arrangements for the 870-CA-16 Node Services Carrier (not supplied) and provision for all wiring and accessories, including mounting brackets for two 895-FL-PS power supply filters. Generous internal space is provided for routing and termination of field wiring. There is a choice of gland plates, to suit a wide range of requirements, together with certified cable glands and blanking plugs as separate options.

ENCLOSURE SPECIFICATION

GENERAL DATA

Body dimensions (W x H x D)..... 600 x 800 x 300 mm
Material stainless steel
Door hinges left hand side
Cable gland-plate see options below
External earth connection M10 stud
Enclosure mounting 4 x M10 bolts
Mounting bracket hole centres (mm)..... 500(H) x 656(W)

EXPLOSION PROTECTION

System Certificate number Baseefa03ATEX0728X/3
System Certificate code
 II 2 (1)GD Ex e m ib [ia] d IIC T4 tD A21 T135°C

TYPE OF PROTECTION

Enclosure protection class IP66
Standard EN 60529

WEIGHT

Enclosure only 30 kg
Fully populated 39 kg

GLAND PLATE SPECIFICATIONS

MODEL OPTIONS

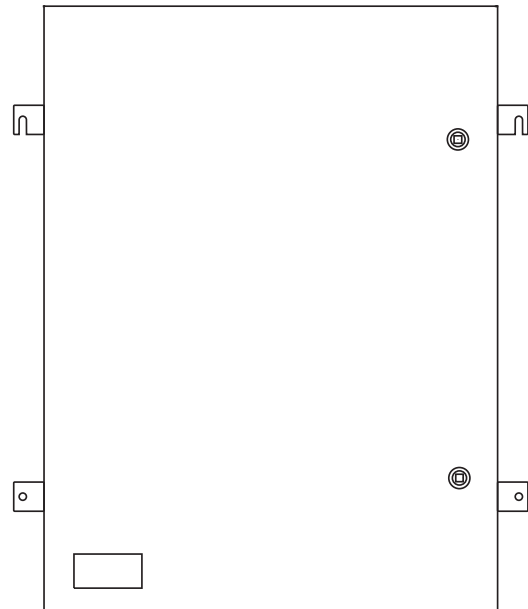
Undrilled (except for fixing holes) 877-GP-10
50 I/O signal cable version 878-GP-50
80 I/O signal cable version 879-GP-80

All options include an IP66 protection breather-drain plug

GLAND HOLE DIMENSIONS (drilled models)

Breather-drain plug M25 or M20
Power cable (x2) M32
Profibus LAN cable (x6) M20, 7.5 - 13 mm cables
I/O signal cable (*) M16, 6 - 10 mm cables

* Number of signal cable gland holes depends upon gland plate ordered.



CABLE GLAND KITS

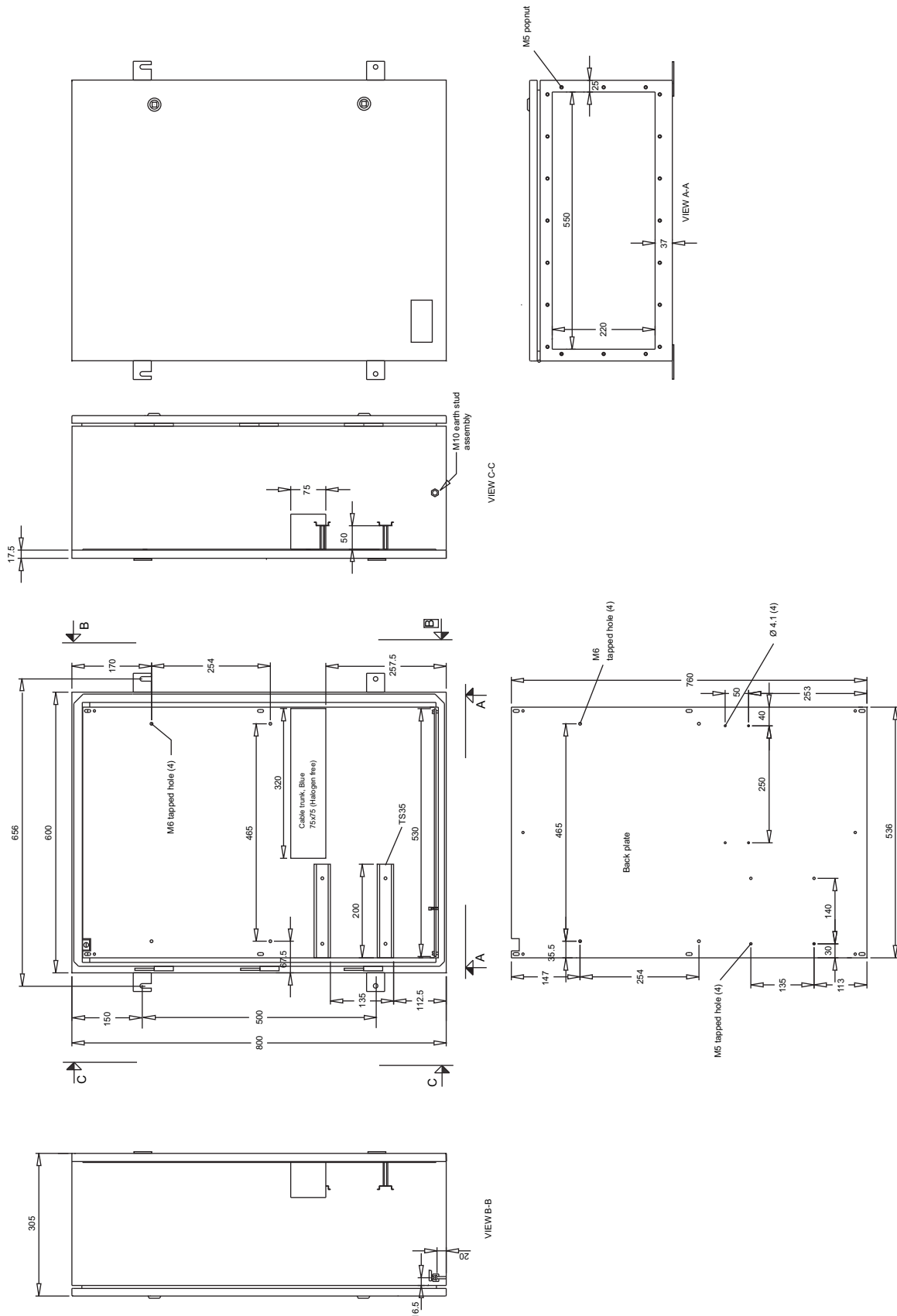
880-CG-80	Size/Qty	M32	M20	M16
Ex e cable glands		2	6	80
Ex e stopping plugs + locknuts		1	3	20

881-CG-50	Size/Qty	M32	M20	M16
Ex e cable glands		2	6	50
Ex e stopping plugs + locknuts		1	3	20

ORDERING INFORMATION

Enclosure	863-EN-16
Undrilled gland plate	877-GP-10
Drilled gland plate (50 I/O gland holes)	879-GP-50
Drilled gland plate (80 I/O gland holes)	878-GP-80
Cable gland kit for 879-GP-50	881-CG-50
Cable gland kit for 878-GP-80	880-CG-80





Enclosure details may be subject to change without notice

