



## Boxes depth 95 mm

- Supplied undrilled without rail or back plate and fitted with an M6 stud earth.
- Boxes can be drilled on the side panels
- Fitted with 2 welded studs at the back of the box to mount a base plate or a rail
- **Important: You must stick to the number of permissible terminals, the power dissipation and the number of cable glands permitted per side (see page 157).**

### Catalogue numbers

External dimensions Height/Width/Depth (mm)	Weight (Kg)	Volume (dm <sup>3</sup> )	Cat. No.	Pack
120 x 120 x 95	1	1.37	<b>0970 00</b>	1
120 x 180 x 95	1.5	2	<b>0970 01</b>	1
180 x 180 x 95	1.8	3	<b>0970 02</b>	1

### Accessories

	Cat. No.	Pack
Set of 10 rails for box 0970 00 (L 100 mm)	0970 01/02 <b>0972 46</b>	1
Back plate for box 0970 00	<b>0972 47</b>	1
0970 01	<b>0972 77</b>	1
0970 02	<b>0972 78</b>	1
	<b>0972 79</b>	1

For special options, please consult us :

- Dimensions (see page 155)
- 316 L stainless steel control stations (see page 176)

Accessories and catalogue numbers selection table  
(see pages 164-165)

- Spare parts (see page 290)

Cable glands for armoured cable (see pages 252-268)



Part number in bold : fast moving references

Zones 1 & 2 - 21 & 22	ATEX	IEC	EC	II 2 G/D
EEx ed IIC	T6	T = + 110°C	IP66	IK10

### TECHNICAL DATA

#### Zones :

- 1 and 2 and 21-22

#### Classification :

- According to CENELEC:
  - Conforming to the ATEX Directive 94/9 EC
  - Conforming to standards EN 50014/18/19
  - EC 0081 II 2 G for gas EEx ed II T6
  - EC 0081 II 2 D - T = + 110°C for dust
- According to IEC
  - Conforming to standards IEC 60079-0/1/7 Ex II T6
  - DIPA 21 TA = + 110°C

#### Certification :

- Approved type JBe
- CENELEC LCIE 02 ATEX 6118X
- IEC LCIE Ex 02.010X
- **CE** declaration of conformity no. 50232
- Conforming to standards EN 50281-1-1 and IEC 61241-1-1 "combustible dust"

#### Protection index :

- IP66 according to EN 60529 and IEC 60529
- Mechanical resistance IK10 according to EN 50102

#### Operating temperature :

- 40°C to + 70°C

#### 16 L stainless steel contains :

- Austenitic stainless steel is steel containing at least 10.5% chrome (Cr). Chrome allows the material to protect itself with a layer that forms on the surface due to a combination of chrome and the humidity in the air.
- The addition of elements such as nickel (Ni), Molybdenum (Mo), etc. gives stainless steel excellent anti-corrosion properties. 316 L stainless steel contains Molybdenum.
- Molybdenum improves corrosion resistance, especially against chlorides which cause pitting (Molybdenum is not recommended in a nitrous atmosphere).

#### 316 L stainless steel standards identification:

- Stainless steel sheet

Country	Standards	Stainless steel with Molybdenum	
		Name	Number
Europe	EN 10088.2	X2CrNiMo17-12-2	1.4404
		X5CrNiMo17-12-2	1.4401
USA	ASTM A240	AISI 316L	UNS S31603
		AISI 316	UNS S31600

- Fixings

Country	Standards	Stainless steel with Molybdenum	
		Name	Number
Europe	EN ISO 3506-1	A4	
USA	ASTM A193	B8	