

316 L stainless steel modular control boxes and enclosures

Zones 21 and 22 - dust environment



Terminal block
0971 80 + 0972 21

Enclosures for zones 21 and 22

- Depth 200 mm
- Ready for drilling, assembling and wiring in the workshop or on site provided that all instructions for assembly and technical characteristics are strictly complied with (number of terminals, dissipated power, number of cable glands, etc)
- Supplied without gland plate, chassis or terminal block
- Supplied with:
 - fixing brackets and earth stud (316 L stainless steel M8)

Catalogue numbers

External dimensions Ht/Width/Depth mm	Max. dissipated power	Weight (Kg)	Volume (dm ³)	Cat. No.	Pack
370 x 260 x 200	50 W	9	19.24	0971 80	1
560 x 370 x 200	83 W	19	41.44	0971 81	1
750 x 560 x 200	138 W	33	84	0971 82	1

Accessories

Rear plate

For enclosures	Dimensions	Weight	Volume	Cat. No.	Pack
(0971 80)	310 x 210	1.2	5.8	0972 82	1
(0971 81)	500 x 310	2.5	12.5	0972 84	1
(0971 82)	690 x 500	5	25.2	0972 87	1

Chassis

For enclosures	Dimensions	Weight	Volume	Cat. No.	Pack
(0971 80)	310 x 210	0.75	1.1	0972 21	1
(0971 81)	500 x 310	1.7	2.4	0972 22	1
(0971 82)	690 x 500	3.2	3.7	0972 24	1

Padlocking

For all enclosures	Dimensions	Weight	Volume	Cat. No.	Pack
/	/			0972 09	1

For special options, please consult us:

- Multiple drilling on request
- Painted 316 L stainless steel enclosures
- 304 stainless steel enclosures
- Painted sheet steel boxes
- Other dimensions

Cable gland for armoured cable (see pages 252-262)

Cable gland (see pages 254/257/258/259 and 288)



Part number in bold : fast moving references

Zones 21 & 22	ATEX	IEC	EC	II 2 D
T = 110°C	IP66	IK10		

TECHNICAL DATA

Zones :

- 21-22

Classification :

- According to CENELEC:
 - Conforming to ATEX Directive - 94/9 EC
 - EC 0081 II 2 D T = + 110°C
- According to IEC:
 - DIPA 21 TA = + 110°C

Certification :

- Approved type BIP
- CENELEC LCIE
- IEC LCIE
- **CE** declaration of conformity No. 50264
- Conforming to standards EN 50281-1-1 and IEC 61241-1-1 “combustible dust”

Protection index :

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

Operating temperature :

- 40°C to + 55°C

Dissipated power:

0971 80	50 W
0971 81	83 W
0971 82	138 W

Dimensions (mm) :

- see stainless steel enclosures on page 155