

Undrilled junction and instrumentation boxes and enclosures

Zones 21 et 22 - dust environment



0959 84



0959 95

Polyester boxes for zones 21 and 22

- Black
- Cover closed with stainless steel screws
- Earth stud

Catalogue numbers

| External dimensions Ht/Width/Depth mm | Max. dissipated power | Weight (Kg) | Volume (dm ³) | Cat. No. | Pack |
|--|--------------------------|----------------|------------------------------|----------|------|
| 120 x 110 x 95 | 6 W | 0.7 | 2.3 | 0959 80 | 1 |
| 170 x 110 x 95 | 11 W | 0.9 | 2.7 | 0959 81 | 1 |
| 230 x 110 x 95 | 16 W | 1 | 4.9 | 0959 82 | 1 |
| 215 x 200 x 150 | 17 W | 2.9 | 12.5 | 0959 83 | 1 |
| 320 x 200 x 150 | 22 W | 3.9 | 14.5 | 0959 84 | 1 |
| 425 x 200 x 150 | 29 W | 4.5 | 23 | 0959 85 | 1 |
| 575 x 200 x 150 | 36 W | 8.8 | 44.3 | 0959 86 | 1 |

Aluminium boxes for zones 21 and 22

- Grey painted aluminium
- Cover closed with stainless steel screws
- M8 earth stud (Cat. Nos. 0959 93 to 96)
- External earth screw for (Cat. Nos. 0959 90 to 92)

Catalogue numbers

| External dimensions Ht/Width/Depth mm | Max. dissipated power | Weight (Kg) | Volume (dm ³) | Cat. No. | Pack |
|--|--------------------------|----------------|------------------------------|----------|------|
| 110 x 110 x 95 | 6 W | 0.9 | 2.3 | 0959 90 | 1 |
| 170 x 110 x 95 | 11 W | 1.2 | 2.7 | 0959 91 | 1 |
| 230 x 110 x 95 | 16 W | 1.5 | 4.9 | 0959 92 | 1 |
| 215 x 205 x 130 | 17 W | 3.7 | 12.5 | 0959 93 | 1 |
| 320 x 205 x 130 | 22 W | 4.8 | 14.5 | 0959 94 | 1 |
| 425 x 205 x 130 | 29 W | 5.6 | 23 | 0959 95 | 1 |
| 480 x 380 x 190 | 36 W | 11 | 53.8 | 0959 96 | 1 |

For special options, please consult us:

- Multiple drilling on request
- Cable gland (see pages 254/257/258/259 and 288)

| Zones 21 & 22 | ATEX | IEC | EC | II 2 D |
|---------------|------|------|----|--------|
| T = 80°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 = + 80°C
- According to IEC :
 - DIPA 21 TA = + 80°C

Certification :

- Approved type CAP
- CENELEC LCIE 01 ATEX 6049
- IEC LCIE Ex 01.003
- declaration of conformity No. 50224
- Conforming to standards EN 50281-1-1 and IEC 61241-1-1 “combustible dust”

Protection index :

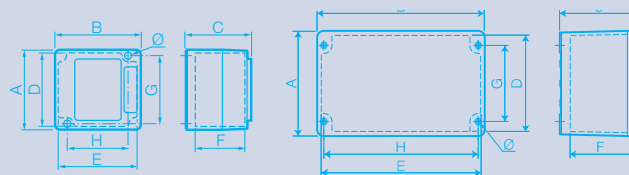
- IP66 according to EN 60529 and IEC 60529
- IK10 mechanical resistance according to EN 50102

Operating temperature :

- 55°C to + 60°C

Dimensions (mm) :

| Cat. No. | Dimensions(mm) | | | | | | Fixings (mm) | | | |
|----------|----------------|-----|-----|----------|-----|-----|--------------|-----|--------|-----|
| | External | | | Internal | | | lugs | | pattes | Ø |
| | A | B | C | D | E | F | G | H | | |
| 0959 80 | 110 | 120 | 95 | 100 | 110 | 70 | 94 | 84 | 20 | 5 |
| 0959 81 | 110 | 170 | 95 | 100 | 160 | 70 | 94 | 134 | 20 | 5 |
| 0959 82 | 110 | 230 | 95 | 100 | 220 | 70 | 94 | 194 | 20 | 5 |
| 0959 83 | 200 | 215 | 150 | 185 | 200 | 125 | 146 | 189 | 6 | 5 |
| 0959 84 | 200 | 320 | 150 | 185 | 305 | 125 | 146 | 294 | 6 | 5 |
| 0959 85 | 200 | 425 | 150 | 185 | 410 | 125 | 146 | 399 | 6 | 5 |
| 0959 86 | 200 | 575 | 150 | 185 | 580 | 125 | 146 | 548 | 6 | 5 |
| 0959 90 | 110 | 110 | 95 | 100 | 110 | 70 | 94 | 84 | 20 | 5 |
| 0959 91 | 110 | 170 | 95 | 100 | 160 | 70 | 94 | 134 | 20 | 5 |
| 0959 92 | 110 | 230 | 95 | 100 | 220 | 70 | 94 | 194 | 20 | 5 |
| 0959 93 | 205 | 215 | 130 | 190 | 200 | 105 | 146 | 186 | 10 | 6,5 |
| 0959 94 | 205 | 320 | 130 | 190 | 305 | 105 | 146 | 290 | 10 | 6,5 |
| 0959 95 | 205 | 425 | 130 | 190 | 410 | 105 | 146 | 398 | 10 | 6,5 |
| 0959 96 | 480 | 380 | 190 | 378 | 279 | 132 | 404 | 305 | 13 | 7 |



Product features/customer benefits

- Range available in 2 materials : **adaptability to harsh operating conditions on site**

Data sheet available on request