

The CP... series of Enclosures Ex d IIC certified with or without terminals for the connection to the outside circuits. CP... Enclosures are made of Copper free Aluminium (Cu <0,1%), completed with threaded hubs suitable for cable glands or conduit and internal threaded devices to secure DIN/Omega normalized rails for terminal strips. Connection of fittings do not affect inner space, which is fully available for terminals and wirings. Internal and external screws are in Stainless Steel AISI 304

### Specifications

|                                      |                                                                                                                                                                           |            |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Material</b>                      | Copper free Aluminium (Cu <0,1%)                                                                                                                                          |            |
| <b>IP Rating</b>                     | IP65                                                                                                                                                                      |            |
| <b>Temperature</b>                   | -35°C to +40°C for T6 / T85°C<br>-35°C to +50°C for T5 / T100°C<br>-35°C to +60°C for T4 / T135°C                                                                         |            |
| <b>Certification &amp; Approvals</b> | EC-Type Examination Certificate<br>INERIS 03ATEX0009<br>GOST Certificate<br>POCC IT.ГБ04.В00508                                                                           |            |
| <b>Standards</b>                     | EN 60079-0 / 60079-1 / 61241-0 / 61241-1<br>IEC 60079-0 / 60079-1 / 61241-0 / 61241-1                                                                                     |            |
| <b>Ex-code</b>                       | Ⓔ II 2 GD<br>Ex d IIC T6 / T5 / T4<br>Ex tD A21 IP65 T85°C / T100°C / T135°C<br>According to European Directive 94/9/EC (ATEX)<br>For Zone 1 / Zone 2 & Zone 21 / Zone 22 |            |
| <b>Lid / Door gasket</b>             | O-ring made in Nitrile Rubber (NBR)                                                                                                                                       |            |
| <b>Surface treatment</b>             | Unpainted                                                                                                                                                                 |            |
| <b>Electrical characteristics</b>    | Max DC voltage                                                                                                                                                            | 440 V      |
|                                      | Max AC voltage                                                                                                                                                            | 1000 V     |
|                                      | Nominal frequency                                                                                                                                                         | 50 / 60 Hz |
|                                      | Max current                                                                                                                                                               | 100 A      |
| <b>Internal diameter</b>             | Available from 90 mm to 120 mm                                                                                                                                            |            |
| <b>Entries position</b>              | (C) = 2, (T) = 3, (X) = 4 ways                                                                                                                                            |            |
| <b>Entries thread</b>                | Metric pitch 1.5, ANSI B1.20.1 NPT, UNI 6125                                                                                                                              |            |
| <b>Standard identification</b>       | Identification nameplate is made of high resistance self-adhesive polyester with thermal transfer inscriptions                                                            |            |
| <b>Accessories upon request</b>      | External polyurethane painting "Standard Cycle" Green RAL 6003                                                                                                            |            |





| Code      | Type     | Internal Diameter [mm] | Entries Number | Entries Configuration | Entries Diameter Ø | Weight [kg] |
|-----------|----------|------------------------|----------------|-----------------------|--------------------|-------------|
| A.0213.02 | CPC- 26  | 90                     | 2              | C                     | ¾" UNI-6125        | 0,88        |
| A.0213.22 | CPC- 26  | 90                     | 2              | C                     | ¾" NPT             |             |
| A.0213.20 | CPC- 26  | 90                     | 2              | C                     | M25 metric x 1,5   | 0,88        |
| A.0213.06 | CPT- 26  | 90                     | 3              | T                     | ¾" UNI-6125        | 0,88        |
| A.0213.26 | CPT- 26  | 90                     | 3              | T                     | ¾" NPT             |             |
| A.0213.60 | CPT- 26  | 90                     | 3              | T                     | M25 metric x 1,5   | 0,88        |
| A.0213.08 | CPX- 26  | 90                     | 4              | X                     | ¾" UNI-6125        | 0,88        |
| A.0213.28 | CPX- 26  | 90                     | 4              | X                     | ¾" NPT             |             |
| A.0213.80 | CPX- 26  | 90                     | 4              | X                     | M25 metric x 1,5   | 0,88        |
| A.0212.01 | CPSC- 26 | 120                    | 2              | C                     | ¾" UNI-6125        | 1,27        |
| A.0212.21 | CPSC- 26 | 120                    | 2              | C                     | ¾" NPT             |             |
| A.0212.20 | CPSC- 26 | 120                    | 2              | C                     | M25 metric x 1,5   | 1,27        |
| A.0212.05 | CPST- 26 | 120                    | 3              | T                     | ¾" UNI-6125        | 1,27        |
| A.0212.26 | CPST- 26 | 120                    | 3              | T                     | ¾" NPT             |             |
| A.0212.25 | CPST- 26 | 120                    | 3              | T                     | M25 metric x 1,5   | 1,27        |
| A.0212.07 | CPSX- 26 | 120                    | 4              | X                     | ¾" UNI-6125        | 1,27        |
| A.0212.27 | CPSX- 26 | 120                    | 4              | X                     | ¾" NPT             |             |
| A.0212.70 | CPSX- 26 | 120                    | 4              | X                     | M25 metric x 1,5   | 1,27        |
| A.0214.01 | CPSG- 26 | 120                    | 3              |                       | ¾" UNI-6125        | 1,27        |
| A.0214.21 | CPSG- 26 | 120                    | 3              |                       | ¾" NPT             |             |
| A.0214.10 | CPSG- 26 | 120                    | 3              |                       | M25 metric x 1,5   | 1,27        |
| A.0212.02 | CPSC- 36 | 120                    | 2              | C                     | 1" UNI-6125        | 1,27        |
| A.0212.42 | CPSC- 36 | 120                    | 2              | C                     | 1" NPT             |             |
| A.0212.32 | CPSC- 36 | 120                    | 2              | C                     | M32 metric x 1,5   | 1,27        |
| A.0212.06 | CPST- 36 | 120                    | 3              | T                     | 1" UNI-6125        | 1,27        |
| A.0212.36 | CPST- 36 | 120                    | 3              | T                     | 1" NPT             |             |
| A.0212.62 | CPST- 36 | 120                    | 3              | T                     | M32 metric x 1,5   | 1,27        |
| A.0212.08 | CPSX- 36 | 120                    | 4              | X                     | 1" UNI-6125        | 1,27        |
| A.0212.38 | CPSX- 36 | 120                    | 4              | X                     | 1" NPT             |             |
| A.0212.72 | CPSX- 36 | 120                    | 4              | X                     | M32 metric x 1,5   | 1,27        |
| A.0215.01 | CPSG- 36 | 120                    | 3              |                       | 1" UNI-6125        | 1,27        |
| A.0215.31 | CPSG- 36 | 120                    | 3              |                       | 1" NPT             |             |
| A.0215.32 | CPSG- 36 | 120                    | 3              |                       | M32 metric x 1,5   | 1,27        |

### CPX-26, CPT-26, CPC-26

| Cross section [sqmm] | Quantity/connection per terminal | Features    |
|----------------------|----------------------------------|-------------|
| 2,5                  | 6/2                              | screw/screw |
| 4                    | 6/2                              | screw/screw |
| 6                    | 6/2                              | screw/screw |

### 340/SP

| Terminal strip type | Suitable for 3 cables 3 wires 4 sqmm : Ph # N # E |                         | Construction |               |       |              |          |
|---------------------|---------------------------------------------------|-------------------------|--------------|---------------|-------|--------------|----------|
| Terminal type       | sqmm                                              | Connection per terminal | Features     | Colour        | Label | Manufacturer | function |
| 11546820            | 4                                                 | 3                       | Spring       | Grey          | L     | Entelec      | Phase    |
| 12546822            | 4                                                 | 3                       | Spring       | Blue          | N     | Entelec      | Neutral  |
| 19563712            | 4                                                 | 3                       | Spring       | Yellow /green | E     | Entelec      | Earth    |

### 440/SP

| Terminal strip type | Suitable for 4 cables 3 wires 4 sqmm : Ph # N # E |                         | Construction |               |       |              |          |
|---------------------|---------------------------------------------------|-------------------------|--------------|---------------|-------|--------------|----------|
| Terminal type       | sqmm                                              | Connection per terminal | Features     | Colour        | Label | Manufacturer | function |
| 11547923            | 4                                                 | 4                       | Spring       | Grey          | L     | Entelec      | Phase    |
| 12547925            | 4                                                 | 4                       | Spring       | Blue          | N     | Entelec      | Neutral  |
| 19563823            | 4                                                 | 4                       | Spring       | Yellow /green | E     | Entelec      | Earth    |



### CPSX-26, CPSG-26

| Cross section [sqmm]       |      | Quantity / connection per terminal                   |          | Features      |       |              |          |
|----------------------------|------|------------------------------------------------------|----------|---------------|-------|--------------|----------|
| 2,5                        |      | 12/2                                                 |          | Screw/screw   |       |              |          |
| 4                          |      | 12/2                                                 |          | Screw/screw   |       |              |          |
| 6                          |      | 10/2                                                 |          | Screw/screw   |       |              |          |
| 10                         |      | 6/2                                                  |          | Screw/screw   |       |              |          |
| 16                         |      | 6/2                                                  |          | Screw/screw   |       |              |          |
| <b>Terminal strip type</b> |      | <b>340/THPN</b>                                      |          |               |       |              |          |
|                            |      | Suitable for 3 cables 5 wires 4 sqmm :<br>Ph # N # E |          |               |       |              |          |
| Construction               |      |                                                      |          |               |       |              |          |
| Terminal type              | sqmm | Connection per terminal                              | Features | Colour        | Label | Manufacturer | function |
| 11546820                   | 4    | 3                                                    | Spring   | Grey          | L1    | Entelec      | Phase    |
| 11546820                   | 4    | 3                                                    | Spring   | Grey          | L2    | Entelec      | Phase    |
| 11546820                   | 4    | 3                                                    | Spring   | Grey          | L3    | Entelec      | Phase    |
| 12546822                   | 4    | 3                                                    | Spring   | Blue          | N     | Entelec      | Neutral  |
| 19563712                   | 4    | 3                                                    | Spring   | Yellow /green | E     | Entelec      | Earth    |
| <b>Terminal strip type</b> |      | <b>440/THPN</b>                                      |          |               |       |              |          |
|                            |      | Suitable for 4 cables 5 wires 4 sqmm :<br>Ph # N # E |          |               |       |              |          |
| Construction               |      |                                                      |          |               |       |              |          |
| Terminal type              | sqmm | Connection per terminal                              | Features | Colour        | Label | Manufacturer | function |
| 11547923                   | 4    | 4                                                    | Spring   | Grey          | L1    | Entelec      | Phase    |
| 11547923                   | 4    | 4                                                    | Spring   | Grey          | L2    | Entelec      | Phase    |
| 11547923                   | 4    | 4                                                    | Spring   | Grey          | L3    | Entelec      | Phase    |
| 12547925                   | 4    | 4                                                    | Spring   | Blue          | N     | Entelec      | Neutral  |
| 19563823                   | 4    | 4                                                    | Spring   | Yellow /green | E     | Entelec      | Earth    |

### CPST-36, CPSG-36

| Cross section [sqmm]       |      | Quantity / connection per terminal                   |          | Features      |       |              |          |
|----------------------------|------|------------------------------------------------------|----------|---------------|-------|--------------|----------|
| 2,5                        |      | 12/2                                                 |          | Screw/screw   |       |              |          |
| 4                          |      | 12/2                                                 |          | Screw/screw   |       |              |          |
| 6                          |      | 10/2                                                 |          | Screw/screw   |       |              |          |
| 10                         |      | 6/2                                                  |          | Screw/screw   |       |              |          |
| 16                         |      | 6/2                                                  |          | Screw/screw   |       |              |          |
| <b>Terminal strip type</b> |      | <b>340/THPN</b>                                      |          |               |       |              |          |
|                            |      | Suitable for 3 cables 5 wires 4 sqmm :<br>Ph # N # E |          |               |       |              |          |
| Construction               |      |                                                      |          |               |       |              |          |
| Terminal type              | sqmm | Connection per terminal                              | Features | Colour        | Label | Manufacturer | function |
| 11546820                   | 4    | 3                                                    | Spring   | Grey          | L1    | Entelec      | Phase    |
| 11546820                   | 4    | 3                                                    | Spring   | Grey          | L2    | Entelec      | Phase    |
| 11546820                   | 4    | 3                                                    | Spring   | Grey          | L3    | Entelec      | Phase    |
| 12546822                   | 4    | 3                                                    | Spring   | Blue          | N     | Entelec      | Neutral  |
| 19563712                   | 4    | 3                                                    | Spring   | Yellow /green | E     | Entelec      | Earth    |
| <b>Terminal strip type</b> |      | <b>440/THPN</b>                                      |          |               |       |              |          |
|                            |      | Suitable for 4 cables 5 wires 4 sqmm :<br>Ph # N # E |          |               |       |              |          |
| Construction               |      |                                                      |          |               |       |              |          |
| Terminal type              | sqmm | Connection per terminal                              | Features | Colour        | Label | Manufacturer | function |
| 11547923                   | 4    | 4                                                    | Spring   | Grey          | L1    | Entelec      | Phase    |
| 11547923                   | 4    | 4                                                    | Spring   | Grey          | L2    | Entelec      | Phase    |
| 11547923                   | 4    | 4                                                    | Spring   | Grey          | L3    | Entelec      | Phase    |
| 12547925                   | 4    | 4                                                    | Spring   | Blue          | N     | Entelec      | Neutral  |
| 19563823                   | 4    | 4                                                    | Spring   | Yellow /green | E     | Entelec      | Earth    |



| Cross section [sqmm]       |      | Quantity / connection per terminal                |          | Features      |       |              |          |
|----------------------------|------|---------------------------------------------------|----------|---------------|-------|--------------|----------|
| 2,5                        |      | 12/2                                              |          | Screw/screw   |       |              |          |
| 4                          |      | 12/2                                              |          | Screw/screw   |       |              |          |
| 6                          |      | 10/2                                              |          | Screw/screw   |       |              |          |
| <b>Terminal strip type</b> |      | <b>340/THPN</b>                                   |          |               |       |              |          |
|                            |      | Suitable for 3 cables 5 wires 4 sqmm : Ph # N # E |          |               |       |              |          |
| Construction               |      |                                                   |          |               |       |              |          |
| Terminal type              | sqmm | Connection per terminal                           | Features | Colour        | Label | Manufacturer | function |
| 11546820                   | 4    | 3                                                 | Spring   | Grey          | L1    | Entrelec     | Phase    |
| 11546820                   | 4    | 3                                                 | Spring   | Grey          | L2    | Entrelec     | Phase    |
| 11546820                   | 4    | 3                                                 | Spring   | Grey          | L3    | Entrelec     | Phase    |
| 12546822                   | 4    | 3                                                 | Spring   | Blue          | N     | Entrelec     | Neutral  |
| 19563712                   | 4    | 3                                                 | Spring   | Yellow /green | E     | Entrelec     | Earth    |
| <b>Terminal strip type</b> |      | <b>440/THPN</b>                                   |          |               |       |              |          |
|                            |      | Suitable for 4 cables 5 wires 4 sqmm : Ph # N # E |          |               |       |              |          |
| Construction               |      |                                                   |          |               |       |              |          |
| Terminal type              | sqmm | Connection per terminal                           | Features | Colour        | Label | Manufacturer | function |
| 11547923                   | 4    | 4                                                 | Spring   | Grey          | L1    | Entrelec     | Phase    |
| 11547923                   | 4    | 4                                                 | Spring   | Grey          | L2    | Entrelec     | Phase    |
| 11547923                   | 4    | 4                                                 | Spring   | Grey          | L3    | Entrelec     | Phase    |
| 12547925                   | 4    | 4                                                 | Spring   | Blue          | N     | Entrelec     | Neutral  |
| 19563823                   | 4    | 4                                                 | Spring   | Yellow /green | E     | Entrelec     | Earth    |

### Dimensions (mm)

