

Polycarbonate and ABS Enclosures – Series CT

BERNSTEIN Series CT plastic enclosures are manufactured from high-grade polycarbonate or ABS. They are particularly suitable for encapsulating electrical and electronic components as well as complete small-scale controllers. All enclosures are available with a transparent polycarbonate cover. The enclosures correspond to protection class IP 65 in accordance with DIN EN 60529.

Attachment bosses are provided on the base of the plastic enclosures for mounting built-in components. The components can be simply secured with the self-tapping mounting screws that come with the enclosure. With their attachment bosses in the base, BERNSTEIN plastic enclosures offer many direct mounting options. Mounting rails can be installed without mounting plates on the central bosses.

BERNSTEIN Series CT enclosures are supplied as standard with the quick-release fastener developed and patented by BERNSTEIN. The quick-release fasteners that come with the enclosure are simply pressed and locked into the holes in the cover. They are made from stainless steel. The protection class (on the standard enclosure) is ensured by a factory-fitted seal. BERNSTEIN polycarbonate and ABS enclosures are produced as standard in the colour RAL 7035 (light grey). On account of its material properties, the polycarbonate version offers specific advantages in terms of impact strength, UV resistance and operating temperature range. Thanks to the many attachment bosses in the body, both versions provide many direct mounting options.

Technical data

Material

Polycarbonate, transparent polycarbonate or ABS

Seal

Foamed PUR seal
Neoprene (CR) round cord (silicone-free)
Silicone round cord

Quick-release fastener

Stainless steel, self-locking, cross recessed head

Optionally:

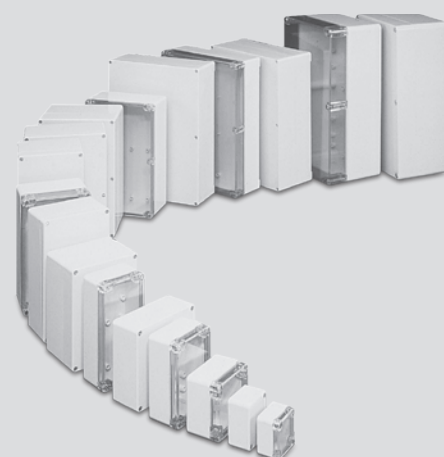
Stainless steel cover screw, cross recessed head
Sealed cover screws, galvanised steel, (9 S 20 K), slot head

Colour

RAL 7035 (light grey)
Other colours (dyeing) for large quantities available on request

Temperature range of CT enclosures

–40°C to +120°C (Polycarbonate)
–40°C to +80°C (ABS)



Temperature range of seals

Standard:
–40°C to +100°C (PUR seal)
Optionally:
–30°C to +80°C (Neoprene seal)
–60°C to +130°C (silicone seal)

Protection class

IP 65

Approbations

(Label on demand)
c UL us (polycarbonate enclosures)
c CSA us (polycarbonate enclosures)



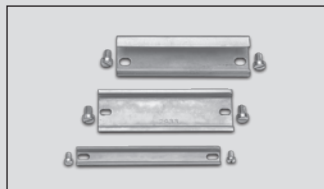
| Polycarbonate enclosure | | | | | Polycarbonate enclosure with transparent cover (PC) | | ABS enclosure | | ABS enclosure with transparent cover (PC) | |
|-------------------------|---|-----|---|-----|---|--------|----------------|----------|---|----------|
| Dimensions/mm | | | | | Article number | Type | Article number | Type | Article number | Type |
| L | x | B | x | H | | | | | | |
| 52 | x | 50 | x | 35 | 2500000000 | CT-501 | 2501000000 | CT-501 T | 3500000000 | CT-502 |
| 65 | x | 50 | x | 35 | 2520000000 | CT-521 | 2521000000 | CT-521 T | 3521000000 | CT-522 T |
| 82 | x | 80 | x | 55 | 2540000000 | CT-541 | 2541000000 | CT-541 T | 3541000000 | CT-542 T |
| 82 | x | 80 | x | 85 | 2560000000 | CT-561 | 2561000000 | CT-561 T | 3561000000 | CT-562 T |
| 120 | x | 80 | x | 55 | 2580000000 | CT-581 | 2581000000 | CT-581 T | 3581000000 | CT-582 T |
| 120 | x | 80 | x | 85 | 2600000000 | CT-601 | 2601000000 | CT-601 T | 3601000000 | CT-602 T |
| 160 | x | 80 | x | 55 | 2620000000 | CT-621 | 2621000000 | CT-621 T | 3621000000 | CT-622 T |
| 160 | x | 80 | x | 85 | 2640000000 | CT-641 | 2641000000 | CT-641 T | 3641000000 | CT-642 T |
| 122 | x | 120 | x | 55 | 2660000000 | CT-661 | 2661000000 | CT-661 T | 3661000000 | CT-662 T |
| 122 | x | 120 | x | 85 | 2680000000 | CT-681 | 2681000000 | CT-681 T | 3681000000 | CT-682 T |
| 160 | x | 120 | x | 90 | 2720000000 | CT-721 | 2721000000 | CT-721 T | 3721000000 | CT-722 T |
| 200 | x | 120 | x | 75 | 2760000000 | CT-761 | 2761000000 | CT-761 T | 3761000000 | CT-762 T |
| 200 | x | 120 | x | 90 | 2780000000 | CT-781 | 2781000000 | CT-781 T | 3781000000 | CT-782 T |
| 240 | x | 120 | x | 100 | 2800000000 | CT-801 | 2801000000 | CT-801 T | 3801000000 | CT-802 T |
| 200 | x | 150 | x | 75 | 2820000000 | CT-821 | 2821000000 | CT-821 T | 3821000000 | CT-822 T |
| 240 | x | 160 | x | 90 | 2840000000 | CT-841 | 2841000000 | CT-841 T | 3841000000 | CT-842 T |
| 240 | x | 160 | x | 120 | 2860000000 | CT-861 | 2861000000 | CT-861 T | 3861000000 | CT-862 T |
| 250 | x | 160 | x | 90 | 2900000000 | CT-901 | 2901000000 | CT-901 T | 3901000000 | CT-902 T |
| 250 | x | 160 | x | 120 | 2910000000 | CT-911 | 2911000000 | CT-911 T | 3911000000 | CT-912 T |
| 360 | x | 200 | x | 150 | 2880000000 | CT-881 | 2881000000 | CT-881 T | 3881000000 | CT-882 T |
| 300 | x | 230 | x | 86 | 2870000000 | CT-871 | 2871000000 | CT-871 T | 3871000000 | CT-872 T |
| 300 | x | 230 | x | 110 | 2890000000 | CT-891 | 2891000000 | CT-891 T | 3891000000 | CT-892 T |

This is just a selection of possible assembly components that BERNSTEIN offers. Contact us, we can incorporate components from all leading manufacturers to satisfy your individual demand. You find further information about "System solutions" on page 12.



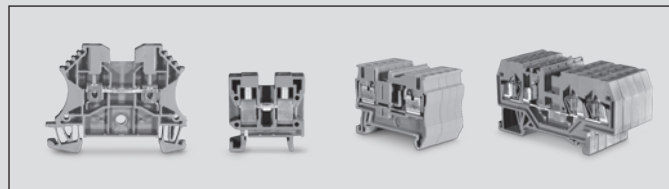
Mounting plates

Made from laminated paper (Pertinax) (thickness: CT-50 to CT-60: 1.5 mm; CT-62 to CT-78: 2.0 mm; CT-80 to CT-91: 2.5 mm) for versatile mounting of built-in components.



Mounting rails

conforming to standards TS15 or TS32 and TS 35 made from steel; surface treated for accepting terminal blocks.



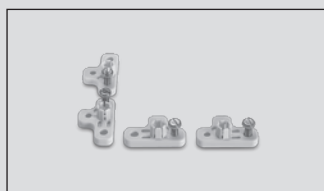
Terminal blocks

of all renowned manufacturers are used.



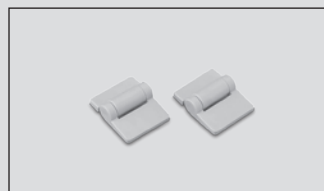
Earthing bars

made from galvanised steel for combining and connecting PE conductors.



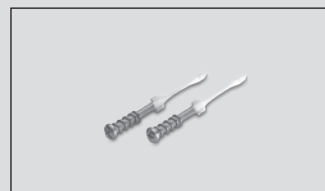
External mounting brackets

made from polycarbonate for mounting enclosures without opening the covers. Different bracket arrangement options offset by 90°. Colour RAL 7035.



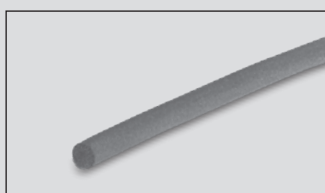
External articulated hinges

made from polycarbonate for hinged mounting of enclosure cover. Opening range of cover approx. 195°, latching at 170°, articulated hinges are simply pressed into holes (CT-88: secured by screws).



Flexible quick-release fastener/internal articulated hinges

for captive mounting and strain relief for enclosure cover. Cover opening range > 180°. Stainless steel with injection-moulded polyamide ends.



Silicon, EPDM or HF seal

with increased temperature resistance (see indications left side) or to protect sensitive electronic equipment against high-frequency radiation (HF seal). If a HF seal is used, an additional coating of the inside of the enclosure is required.



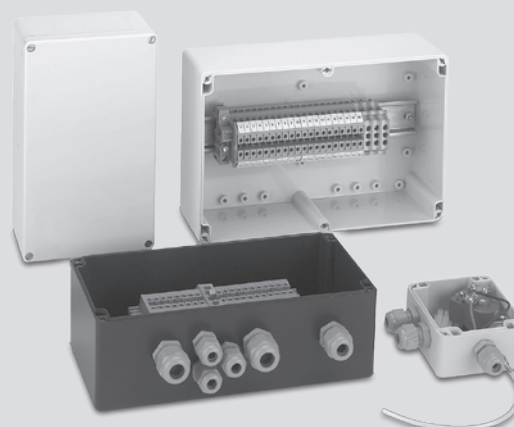
Brass press-in bushes

with metric fastening screws M3 (M4 on CT-88), for mounting built-in components with metric screws in the mounting bushes in the enclosure body.



Cable glands

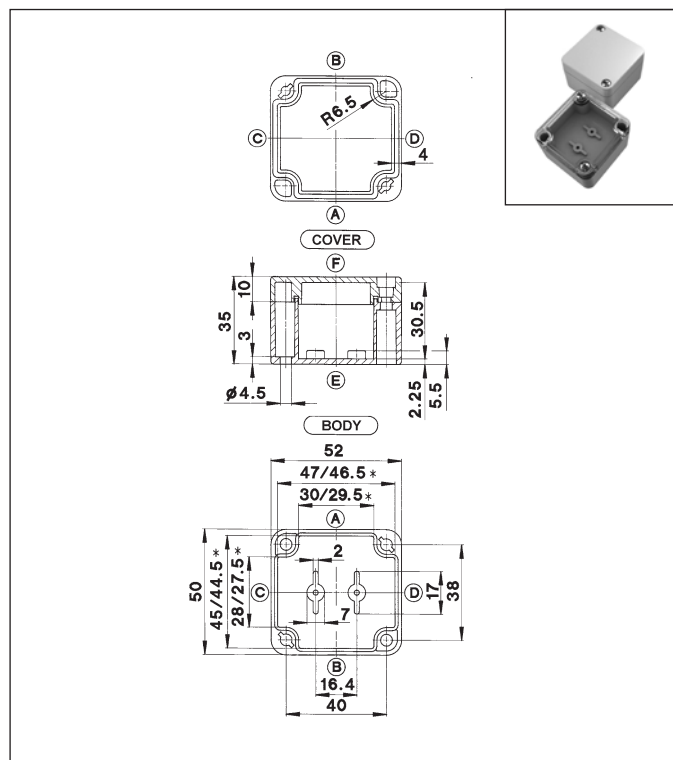
Euro-2000 (Euro-Top) screwed cable glands, plastic (polyamide 6, RAL 7035), including integrated strain relief. Sealing element NEOPRENE. Temperature range: -30°C bis +80°C (see also page 71). Other cable glands on demand.



Polycarbonate and ABS Enclosures – Series CT

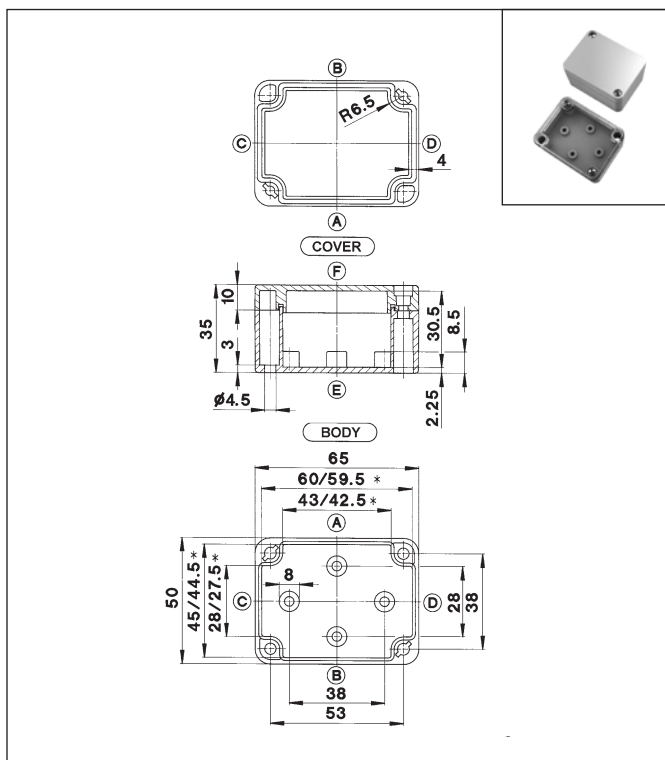
52 x 50 x 35 mm

CT-501 Polycarbonate enclosures
CT-502 ABS enclosures



65 x 50 x 35 mm

CT-521 Polycarbonate enclosures
CT-522 ABS enclosures



* Smaller dimension at mounting plate support

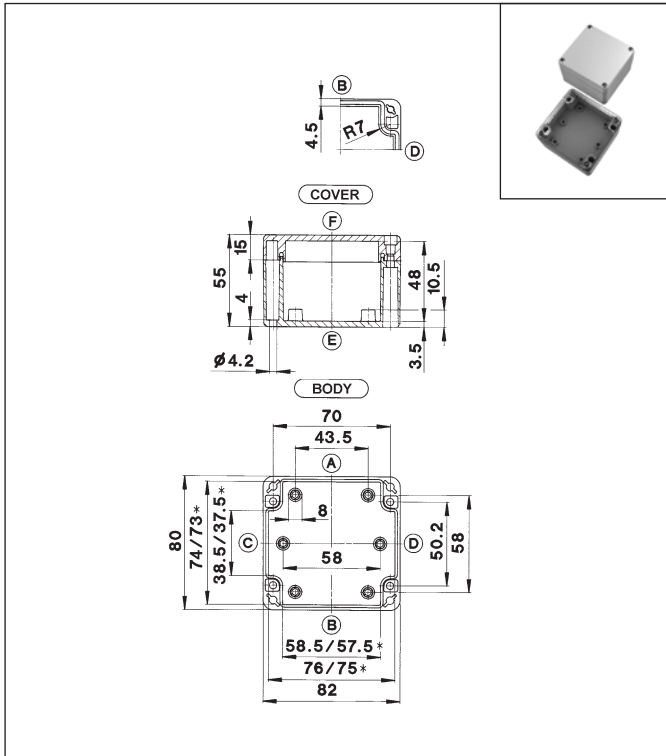
| Type | CT-501 PC | CT-502 ABS |
|---|--------------------|----------------------|
| Weight (g) | 40 (PC) | 38 (ABS) |
| External dimension (mm) | 52 x 50 x 35 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2500000000 | |
| PC, with screw fastener | 2500001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2501000000 | |
| ABS, with quick-release fastener | 3500000000 | |
| ABS, with screw fastener | 3500001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3501000000 | |
| | | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512009000 | |
| Mounting rail TS 15 | - | |
| Mounting rail TS 32 | - | |
| Mounting rail TS 35 | - | |
| Earthing rail (secured on central bosses C/D) | - | |
| External mounting brackets | - | |
| External articulated hinges** | - | |
| Internal articulated hinges, flexible, | | |
| for enclosure with quick-release fastener | - | |
| Silicone seal for extended temperature range (by the metre) | - | |
| Mounting bushes with 4 screws M3 x 8 | - | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 1 | 0 0 0 0 0 0 0 |
| Side C/D | 1 | 0 0 0 0 0 0 0 |
| ** Enclosure preparation required | | |

* Smaller dimension at mounting plate support

| Type | CT-521 PC | CT-522 ABS |
|---|--------------------|----------------------|
| Weight (g) | 50 (PC) | 47 (ABS) |
| External dimension (mm) | 65 x 50 x 35 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2520000000 | |
| PC, with screw fastener | 2520001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2521000000 | |
| ABS, with quick-release fastener | 3520000000 | |
| ABS, with screw fastener | 3520001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3521000000 | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512010000 | |
| Mounting rail TS 15 | 9820001000 | |
| Mounting rail TS 32 | – | |
| Mounting rail TS 35 | – | |
| Earthing rail (secured on central bosses C/D) | – | |
| External mounting brackets | – | |
| External articulated hinges** | – | |
| Internal articulated hinges, flexible, | | |
| for enclosure with quick-release fastener | – | |
| Silicone seal for extended temperature range (by the metre) | – | |
| Mounting bushes with 4 screws M3 x 8 | 9800025000 | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 2 | 0 0 0 0 0 0 0 |
| Side C/D | 0 | 0 0 0 0 0 0 0 |
| ** Enclosure preparation required | | |

82 x 80 x 55 mm

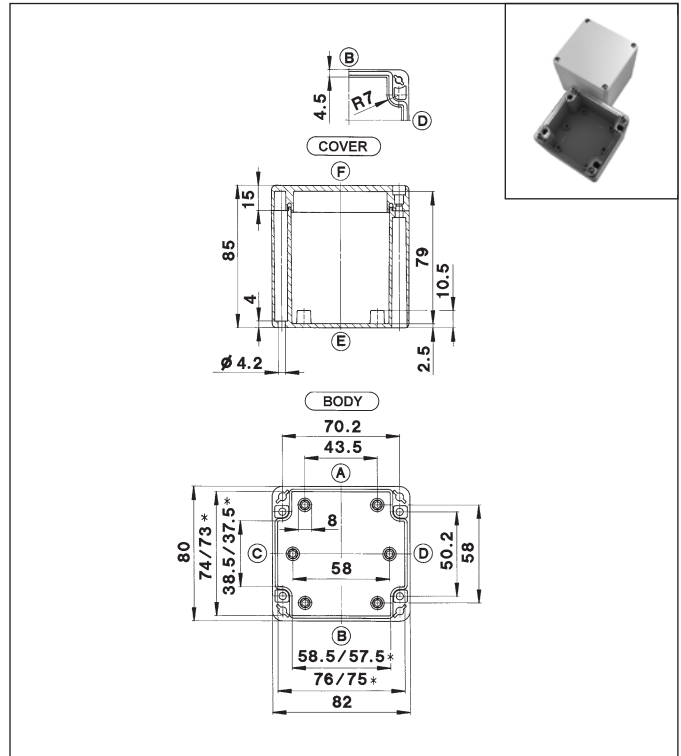
CT-541 Polycarbonate enclosures
CT-542 ABS enclosures



82 x 80 x 85 mm

CT-561 Polycarbonate enclosures
CT-562 ABS enclosures

CAD files available
at www.bernstein.eu



* Smaller dimension at mounting plate support

| Type | CT-541 PC | CT-542 ABS | | | | | | |
|---|--------------------|------------|----|----|----|----|----|----|
| Weight (g) | 140 (PC) | 116 (ABS) | | | | | | |
| External dimension (mm) | 82 x 80 x 55 | | | | | | | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | | | | | | | |
| PC, with quick-release fastener | 2540000000 | | | | | | | |
| PC, with screw fastener | 2540001000 | | | | | | | |
| PC, with transparent cover (PC) and quick-release fastener | 2541000000 | | | | | | | |
| ABS, with quick-release fastener | 3540000000 | | | | | | | |
| ABS, with screw fastener | 3540001000 | | | | | | | |
| ABS, with transparent cover (PC) and quick-release fastener | 3541000000 | | | | | | | |
| | | | | | | | | |
| Accessories (individual part or installation kit) | | | | | | | | |
| Mounting plate | 9512011000 | | | | | | | |
| Mounting rail TS 15 | 9820004000 | | | | | | | |
| Mounting rail TS 32 | – | | | | | | | |
| Mounting rail TS 35 | 9822000000 | | | | | | | |
| Earthing rail (secured on central bosses C/D) | – | | | | | | | |
| External mounting brackets | 9802002000 | | | | | | | |
| External articulated hinges** | 9802025000 | | | | | | | |
| Internal articulated hinges, flexible, for enclosure with quick-release fastener | 9801076000 | | | | | | | |
| Silicone seal for extended temperature range (by the metre) | on request | | | | | | | |
| Mounting bushes with 4 screws M3 x 8 | 9800025000 | | | | | | | |
| Maximum possible number of threads | | | | | | | | |
| ISO M | 12 | 16 | 20 | 25 | 32 | 40 | 50 | 63 |
| Side A/B | 5 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| Side C/D | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| ** Enclosure preparation required | | | | | | | | |

** Enclosure preparation required

* Smaller dimension at mounting plate support

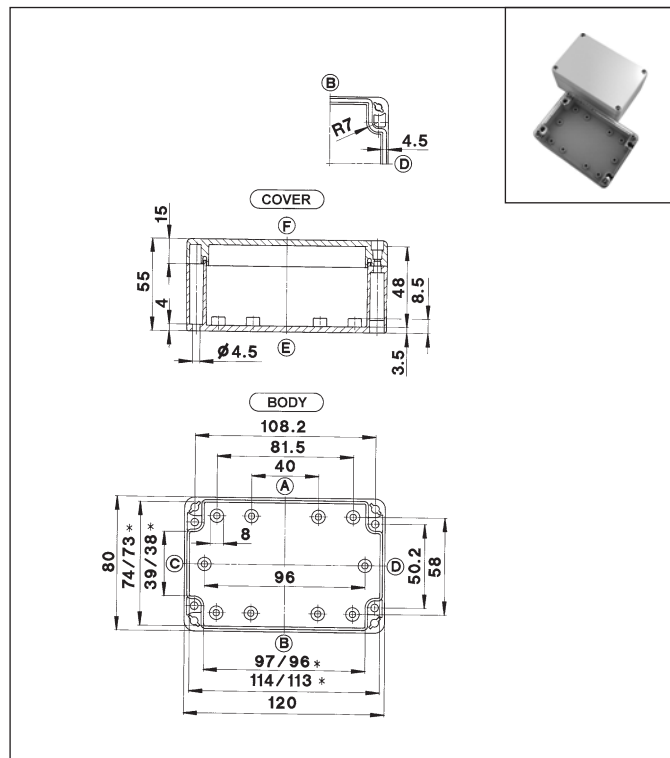
| Type | CT-561 PC | CT-562 ABS |
|---|--------------------|----------------------|
| Weight (g) | 175 (PC) | 150 (ABS) |
| External dimension (mm) | 82 x 80 x 85 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2560000000 | |
| PC, with screw fastener | 2560001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2561000000 | |
| ABS, with quick-release fastener | 3560000000 | |
| ABS, with screw fastener | 3560001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3561000000 | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512011000 | |
| Mounting rail TS 15 | 9820004000 | |
| Mounting rail TS 32 | – | |
| Mounting rail TS 35 | 9822000000 | |
| Earthing rail (secured on central bosses C/D) | – | |
| External mounting brackets | 9802002000 | |
| External articulated hinges** | 9802025000 | |
| Internal articulated hinges, flexible, for enclosure with quick-release fastener | 9801076000 | |
| Silicone seal for extended temperature range (by the metre) | on request | |
| Mounting bushes with 4 screws M3 x 8 | 9800025000 | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 10 | 5 3 2 1 1 1 0 |
| Side C/D | 5 | 2 1 1 1 0 0 0 |
| ** Enclosure preparation required | | |

** Enclosure preparation required

Polycarbonate and ABS Enclosures – Series CT

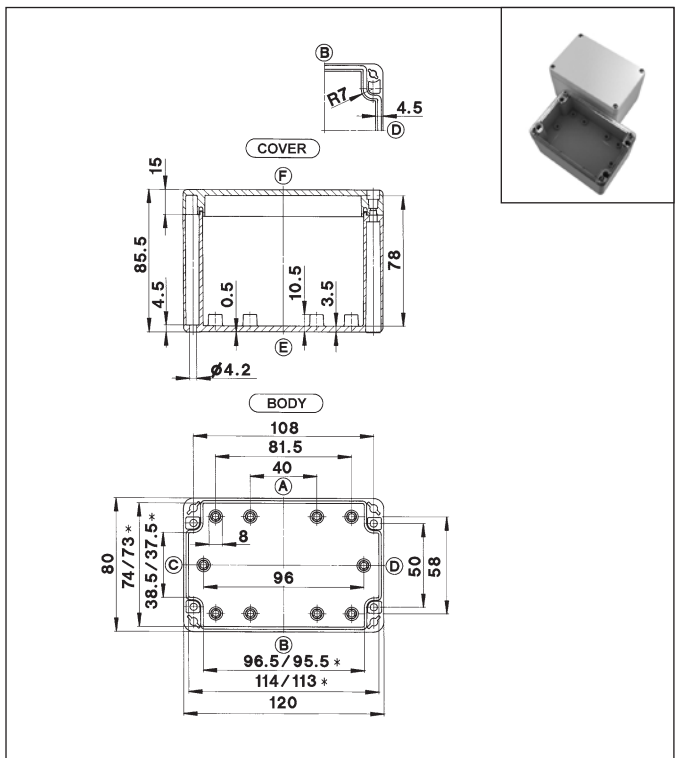
120 x 80 x 55 mm

CT-581 Polycarbonate enclosures
CT-582 ABS enclosures



120 x 80 x 85 mm

CT-601 Polycarbonate enclosures
CT-602 ABS enclosures



* Smaller dimension at mounting plate support

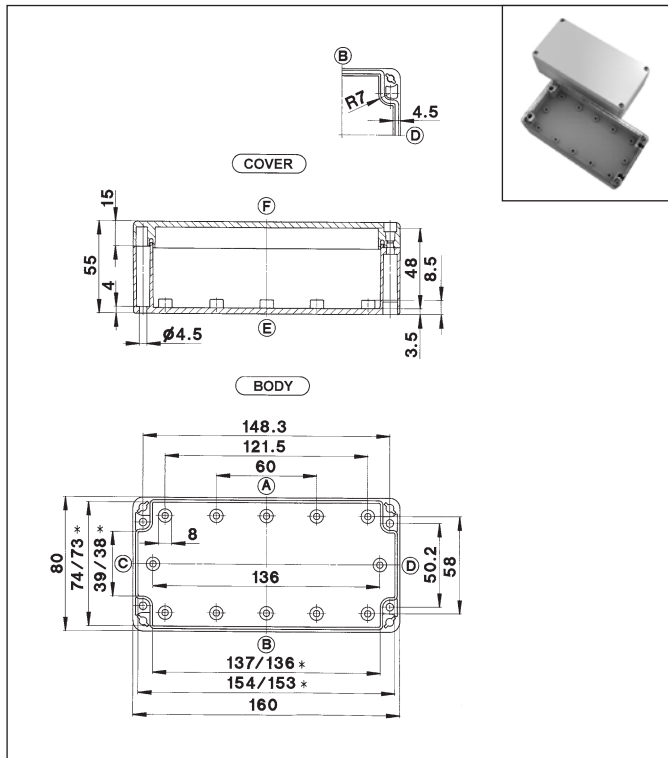
* Smaller dimension at mounting plate support

| Type | CT-581 PC | CT-582 ABS |
|---|--------------------|----------------------|
| Weight (g) | 180 (PC) | 135 (ABS) |
| External dimension (mm) | 120 x 80 x 55 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2580000000 | |
| PC, with screw fastener | 2580001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2581000000 | |
| ABS, with quick-release fastener | 3580000000 | |
| ABS, with screw fastener | 3580001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3581000000 | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512012000 | |
| Mounting rail TS 15 | 9820009000 | |
| Mounting rail TS 32 | – | |
| Mounting rail TS 35 | 9822002000 | |
| Earthing rail (secured on central bosses C/D) | 9810001000 | |
| External mounting brackets | 9802002000 | |
| External articulated hinges** | 9802025000 | |
| Internal articulated hinges, flexible, for enclosure with quick-release fastener | 9801076000 | |
| Silicone seal for extended temperature range (by the metre) | auf Anfrage | |
| Mounting bushes with 4 screws M3 x 8 | 9800040000 | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 9 | 4 3 2 0 0 0 0 |
| Side C/D | 2 | 1 1 0 0 0 0 0 |
| ** Enclosure preparation required | | |

| Type | CT-601 PC CT-602 ABS | |
|---|----------------------|----------------------|
| Weight (g) | 225 (PC) | 192 (ABS) |
| External dimension (mm) | 120 x 80 x 85 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2600000000 | |
| PC, with screw fastener | 2600001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2601000000 | |
| ABS, with quick-release fastener | 3600000000 | |
| ABS, with screw fastener | 3600001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3601000000 | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512012000 | |
| Mounting rail TS 15 | 9820009000 | |
| Mounting rail TS 32 | – | |
| Mounting rail TS 35 | 9822002000 | |
| Earthing rail (secured on central bosses C/D) | 9810001000 | |
| External mounting brackets | 9802002000 | |
| External articulated hinges** | 9802025000 | |
| Internal articulated hinges, flexible, for enclosure with quick-release fastener | 9801076000 | |
| Silicone seal for extended temperature range (by the metre) | on request | |
| Mounting bushes with 4 screws M3 x 8 | 9800025000 | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 15 | 6 6 3 2 1 1 0 |
| Side C/D | 5 | 2 1 1 1 0 0 0 |
| ** Enclosure preparation required | | |

160 x 80 x 55 mm

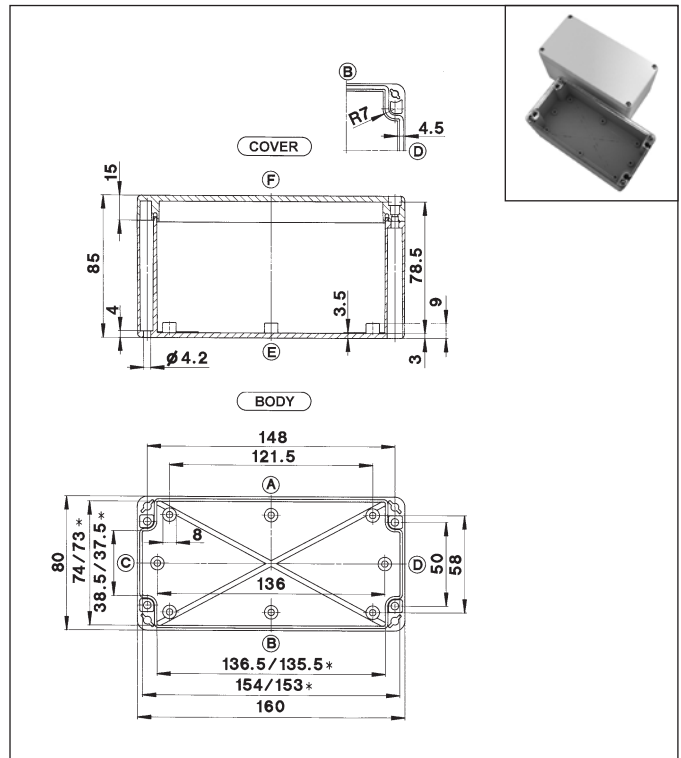
CT-621 Polycarbonate enclosures
CT-622 ABS enclosures



160 x 80 x 85 mm

CT-641 Polycarbonate enclosures
CT-642 ABS enclosures

CAD files available
at www.bernstein.eu



* Smaller dimension at mounting plate support

| Type | CT-621 PC | CT-622 ABS |
|---|--------------------|----------------------|
| Weight (g) | 225 (PC) | 199 (ABS) |
| External dimension (mm) | 160 x 80 x 55 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2620000000 | |
| PC, with screw fastener | 2620001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2621000000 | |
| ABS, with quick-release fastener | 3620000000 | |
| ABS, with screw fastener | 3620001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3621000000 | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512013000 | |
| Mounting rail TS 15 | 9820013000 | |
| Mounting rail TS 32 | – | |
| Mounting rail TS 35 | 9822028000 | |
| Earthing rail (secured on central bosses C/D) | 9810005000 | |
| External mounting brackets | 9802002000 | |
| External articulated hinges** | 9802025000 | |
| Internal articulated hinges, flexible, for enclosure with quick-release fastener | 9801076000 | |
| Silicone seal for extended temperature range (by the metre) | on request | |
| Mounting bushes with 4 screws M3 x 8 | 9800040000 | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 11 | 5 4 3 0 0 0 0 |
| Side C/D | 2 | 1 1 0 0 0 0 0 |
| ** Enclosure preparation required | | |

** Enclosure preparation required

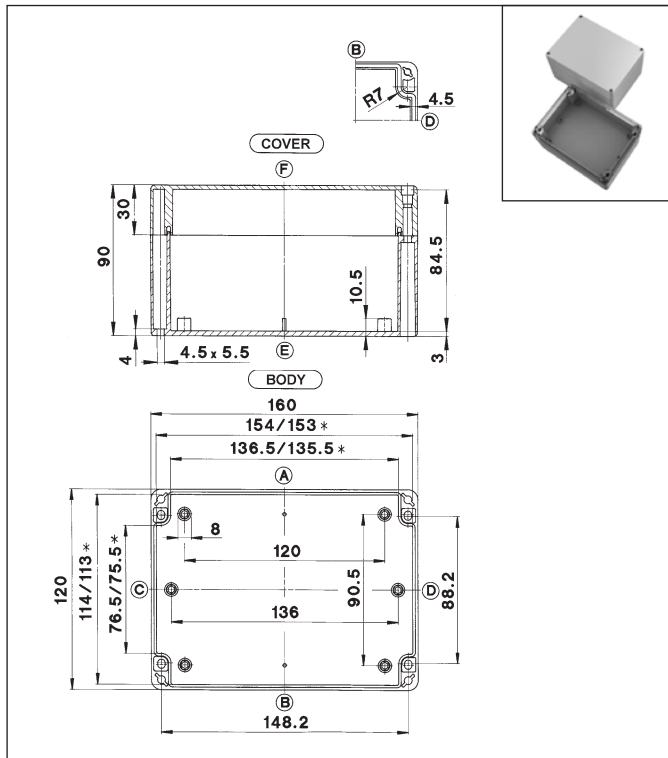
* Smaller dimension at mounting plate support

| Type | CT-641 PC | CT-642 ABS |
|---|--------------------|----------------------|
| Weight (g) | 240 (PC) | 225 (ABS) |
| External dimension (mm) | 160 x 80 x 85 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2640000000 | |
| PC, with screw fastener | 2640001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2641000000 | |
| ABS, with quick-release fastener | 3640000000 | |
| ABS, with screw fastener | 3640001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3641000000 | |
| | | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512013000 | |
| Mounting rail TS 15 | 9820013000 | |
| Mounting rail TS 32 | – | |
| Mounting rail TS 35 | 9822028000 | |
| Earthing rail (secured on central bosses C/D) | 9810005000 | |
| External mounting brackets | 9802002000 | |
| External articulated hinges** | 9802025000 | |
| Internal articulated hinges, flexible, | | |
| for enclosure with quick-release fastener | 9801076000 | |
| Silicone seal for extended temperature range (by the metre) | auf Anfrage | |
| Mounting bushes with 4 screws M3 x 8 | 9800025000 | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 22 | 10 8 5 3 2 2 0 |
| Side C/D | 5 | 2 1 1 1 0 0 0 |
| ** Enclosure preparation required | | |

** Enclosure preparation required

160 x 120 x 90 mm

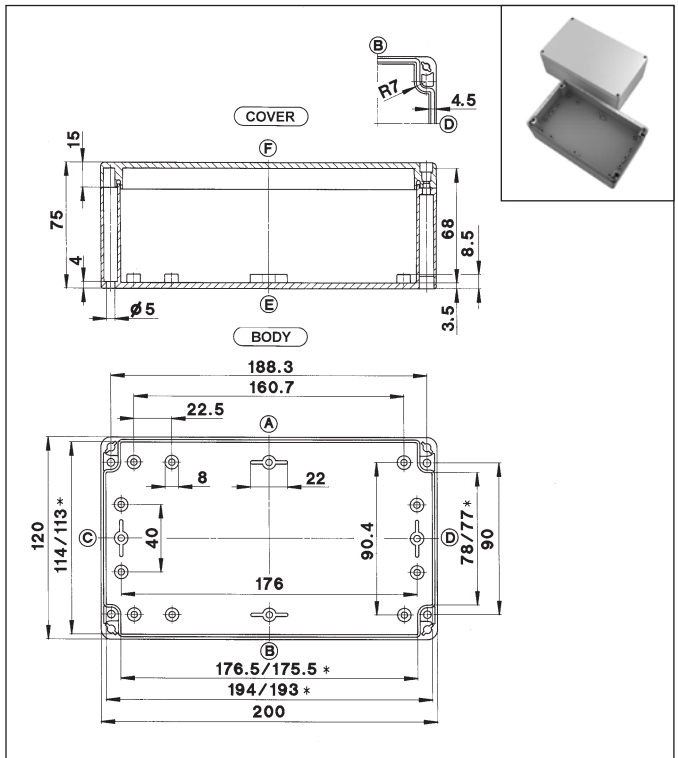
CT-721 Polycarbonate enclosures
CT-722 ABS enclosures



200 x 120 x 75 mm

CT-761 Polycarbonate enclosures
CT-762 ABS enclosures

CAD files available
at www.bernstein.eu



* Smaller dimension at mounting plate support

| Type | CT-721 PC | CT-722 ABS |
|---|--------------------|----------------------|
| Weight (g) | 360 (PC) | 310 (ABS) |
| External dimension (mm) | 160 x 120 x 90 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2720000000 | |
| PC, with screw fastener | 2720001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2721000000 | |
| ABS, with quick-release fastener | 3720000000 | |
| ABS, with screw fastener | 3720001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3721000000 | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512036000 | |
| Mounting rail TS 15 | - | |
| Mounting rail TS 32 | 9821025000 | |
| Mounting rail TS 35 | 9822028000 | |
| Earthing rail (secured on central bosses C/D) | 9810040000 | |
| External mounting brackets | 9802002000 | |
| External articulated hinges** | 9802025000 | |
| Internal articulated hinges, flexible, for enclosure with quick-release fastener | 9801079000 | |
| Silicone seal for extended temperature range (by the metre) | on request | |
| Mounting bushes with 4 screws M3 x 8 | 9800025000 | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 18 | 10 7 3 3 0 0 0 |
| Side C/D | 9 | 5 2 2 1 0 0 0 |
| ** Enclosure preparation required | | |

** Enclosure preparation required

* Smaller dimension at mounting plate support

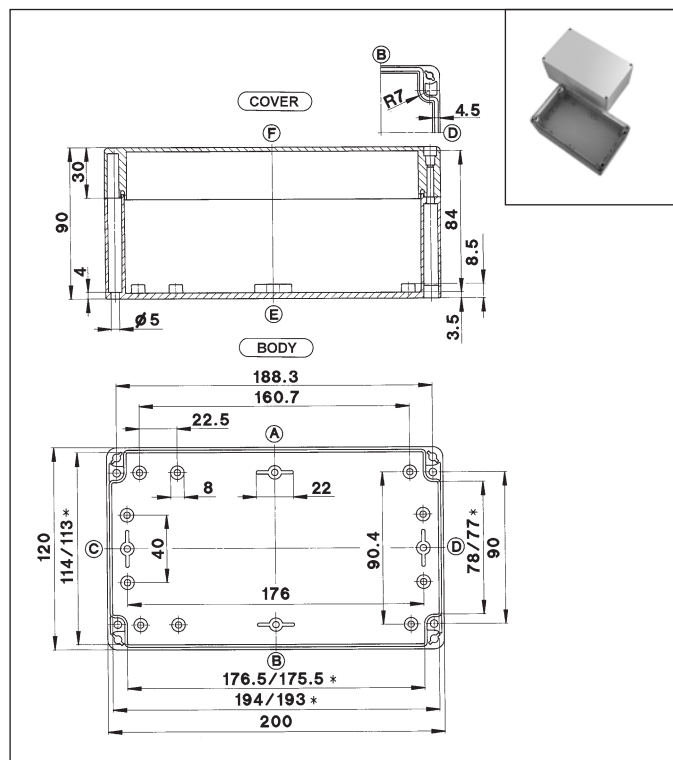
| Type | CT-761 PC | CT-762 ABS |
|---|--------------------|----------------------|
| Weight (g) | 400 (PC) | 373 (ABS) |
| External dimension (mm) | 200 x 120 x 75 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2760000000 | |
| PC, with screw fastener | 2760001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2761000000 | |
| ABS, with quick-release fastener | 3760000000 | |
| ABS, with screw fastener | 3760001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3761000000 | |
| | | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512015000 | |
| Mounting rail TS 15 | - | |
| Mounting rail TS 32 | 9821004000 | |
| Mounting rail TS 35 | 9822006000 | |
| Earthing rail (secured on central bosses C/D) | 9810006000 | |
| External mounting brackets | 9802002000 | |
| External articulated hinges** | 9802025000 | |
| Internal articulated hinges, flexible, for enclosure with quick-release fastener | 9801076000 | |
| Silicone seal for extended temperature range (by the metre) | on request | |
| Mounting bushes with 4 screws M3 x 8 | 9800040000 | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 26 | 12 8 5 3 0 0 0 |
| Side C/D | 10 | 5 2 2 1 0 0 0 |
| ** Enclosure preparation required | | |

** Enclosure preparation required

Polycarbonate and ABS Enclosures – Series CT

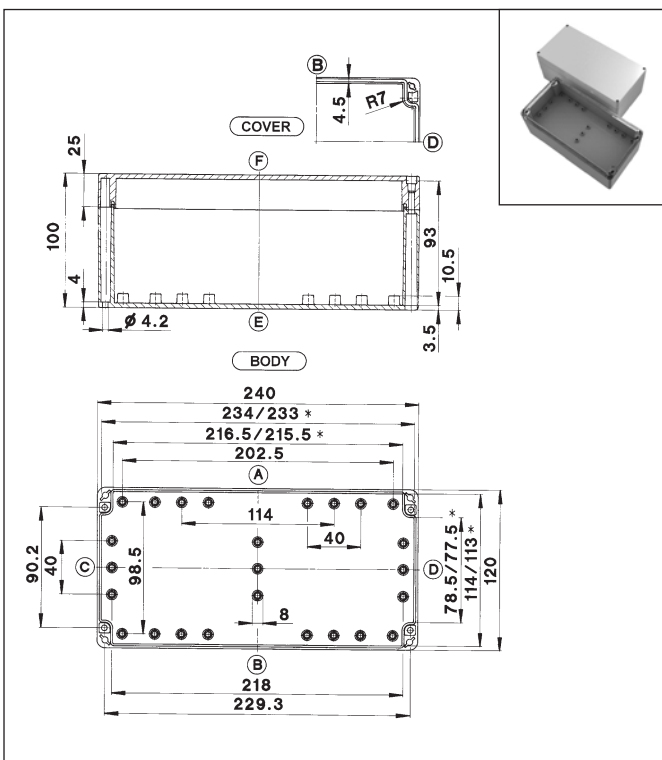
200 x 120 x 90 mm

CT-781 Polycarbonate enclosures
CT-782 ABS enclosures



240 x 120 x 100 mm

CT-801 Polycarbonate enclosures
CT-802 ABS enclosures



* Smaller dimension at mounting plate support

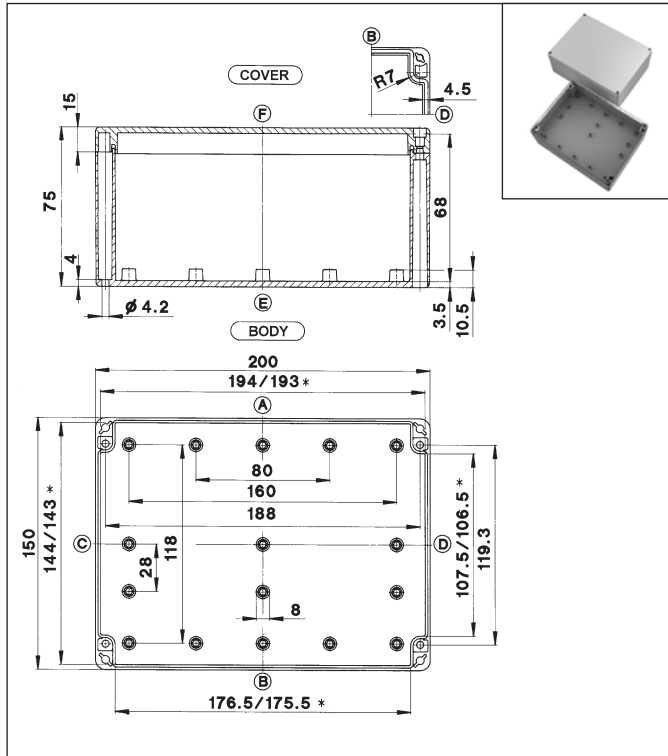
| Type | CT-781 PC | CT-782 ABS |
|---|--------------------|----------------------|
| Weight (g) | 420 (PC) | 365 (ABS) |
| External dimension (mm) | 200 x 120 x 90 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2780000000 | |
| PC, with screw fastener | 2780001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2781000000 | |
| ABS, with quick-release fastener | 3780000000 | |
| ABS, with screw fastener | 3780001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3781000000 | |
| | | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512015000 | |
| Mounting rail TS 15 | - | |
| Mounting rail TS 32 | 9821004000 | |
| Mounting rail TS 35 | 9822006000 | |
| Earthing rail (secured on central bosses C/D) | 9810006000 | |
| External mounting brackets | 9802002000 | |
| External articulated hinges** | 9802025000 | |
| Internal articulated hinges, flexible, for enclosure with quick-release fastener | 9801079000 | |
| Silicone seal for extended temperature range (by the metre) | on request | |
| Mounting bushes with 4 screws M3 x 8 | 9800040000 | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 26 | 12 8 5 3 0 0 0 |
| Side C/D | 10 | 5 2 2 1 0 0 0 |
| ** Enclosure preparation required | | |

* Smaller dimension at mounting plate support

| Type | CT-801 PC | CT-802 ABS |
|---|--------------------|----------------------|
| Weight (g) | 540 (PC) | 478 (ABS) |
| External dimension (mm) | 240 x 120 x 100 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2800000000 | |
| PC, with screw fastener | 2800001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2801000000 | |
| ABS, with quick-release fastener | 3800000000 | |
| ABS, with screw fastener | 3800001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3801000000 | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512016000 | |
| Mounting rail TS 15 | - | |
| Mounting rail TS 32 | 9821006000 | |
| Mounting rail TS 35 | 9822008000 | |
| Earthing rail (secured on central bosses C/D) | 9810009000 | |
| External mounting brackets | 9802002000 | |
| External articulated hinges** | 9802025000 | |
| Internal articulated hinges, flexible, for enclosure with quick-release fastener | 9801078000 | |
| Silicone seal for extended temperature range (by the metre) | on request | |
| Mounting bushes with 4 screws M3 x 8 | 9800025000 | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 34 | 17 12 6 5 3 3 2 |
| Side C/D | 10 | 6 3 2 1 1 0 0 |
| ** Enclosure preparation required | | |

200 x 150 x 75 mm

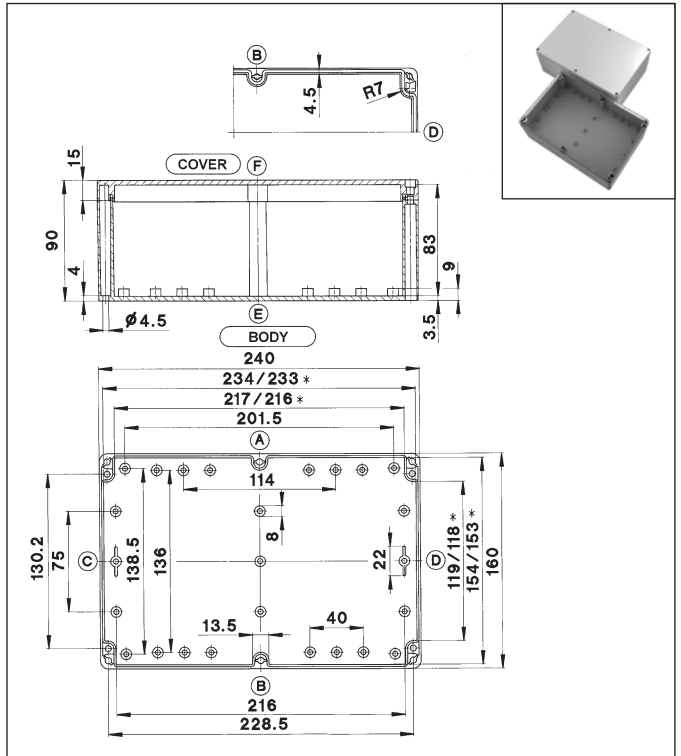
CT-821 Polycarbonate enclosures
CT-822 ABS enclosures



240 x 160 x 90 mm

CT-841 Polycarbonate enclosures
CT-842 ABS enclosures

CAD files available
at www.bernstein.eu



* Smaller dimension at mounting plate support

| Type | CT-821 PC | CT-822 ABS |
|---|--------------------|----------------------|
| Weight (g) | 475 (PC) | 425 (ABS) |
| External dimension (mm) | 200 x 150 x 75 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2820000000 | |
| PC, with screw fastener | 2820001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2821000000 | |
| ABS, with quick-release fastener | 3820000000 | |
| ABS, with screw fastener | 3820001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3821000000 | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512017000 | |
| Mounting rail TS 15 | - | |
| Mounting rail TS 32 | 9821017000 | |
| Mounting rail TS 35 | 9822020000 | |
| Earthing rail (secured on central bosses C/D) | 9810006000 | |
| External mounting brackets | 9802002000 | |
| External articulated hinges** | 9802025000 | |
| Internal articulated hinges, flexible, | | |
| for enclosure with quick-release fastener | 9801076000 | |
| Silicone seal for extended temperature range (by the metre) | on request | |
| Mounting bushes with 4 screws M3 x 8 | 9800025000 | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 22 | 12 9 5 3 0 0 0 |
| Side C/D | 12 | 6 3 2 2 0 0 0 |
| ** Enclosure preparation required | | |

** Enclosure preparation required

* Smaller dimension at mounting plate support

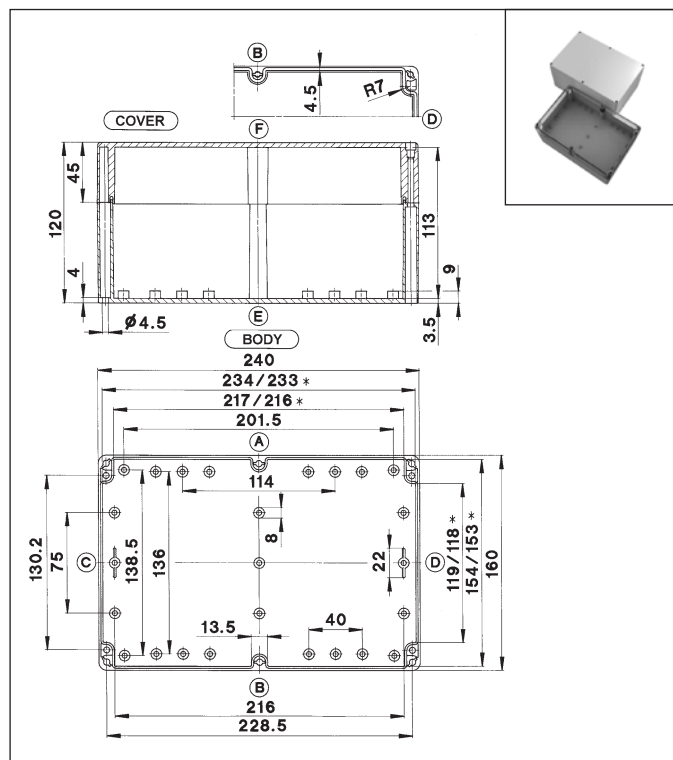
| Type | CT-841 PC | CT-842 ABS |
|---|--------------------|----------------------|
| Weight (g) | 650 (PC) | 528 (ABS) |
| External dimension (mm) | 240 x 160 x 90 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2840000000 | |
| PC, with screw fastener | 2840001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2841000000 | |
| ABS, with quick-release fastener | 3840000000 | |
| ABS, with screw fastener | 3840001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3841000000 | |
| | | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512018000 | |
| Mounting rail TS 15 | - | |
| Mounting rail TS 32 | 9821006000 | |
| Mounting rail TS 35 | 9822008000 | |
| Earthing rail (secured on central bosses C/D) | 9810009000 | |
| External mounting brackets | 9802002000 | |
| External articulated hinges** | 9802025000 | |
| Internal articulated hinges, flexible, | | |
| for enclosure with quick-release fastener | 9801076000 | |
| Silicone seal for extended temperature range (by the metre) | on request | |
| Mounting bushes with 4 screws M3 x 8 | 9800040000 | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 36 | 16 12 8 4 2 2 2 |
| Side C/D | 17 | 8 5 3 2 2 1 0 |
| ** Enclosure preparation required | | |

** Enclosure preparation required

Polycarbonate and ABS Enclosures – Series CT

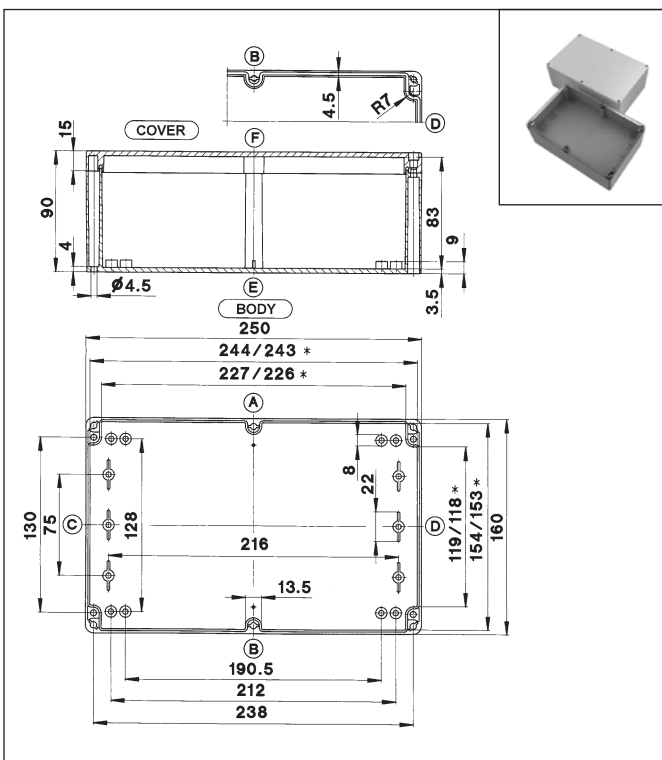
240 x 160 x 120 mm

CT-861 Polycarbonate enclosures
CT-862 ABS enclosures



250 x 160 x 90 mm

CT-901 Polycarbonate enclosures
CT-902 ABS enclosures



* Smaller dimension at mounting plate support

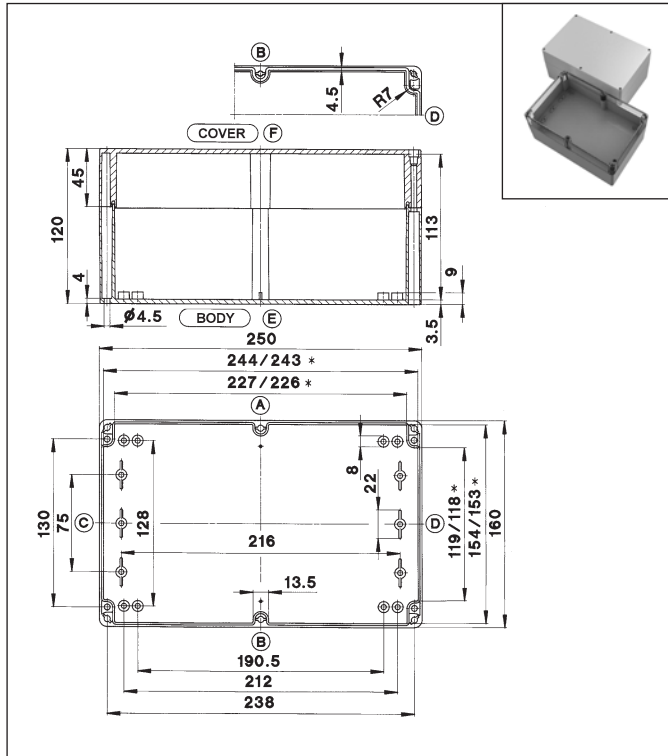
| Type | CT-861 PC | CT-862 ABS |
|---|--------------------|----------------------|
| Weight (g) | 785 (PC) | 636 (ABS) |
| External dimension (mm) | 240 x 160 x 120 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2860000000 | |
| PC, with screw fastener | 2860001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2861000000 | |
| ABS, with quick-release fastener | 3860000000 | |
| ABS, with screw fastener | 3860001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3861000000 | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512018000 | |
| Mounting rail TS 15 | - | |
| Mounting rail TS 32 | 9821006000 | |
| Mounting rail TS 35 | 9822008000 | |
| Earthing rail (secured on central bosses C/D) | 9810009000 | |
| External mounting brackets | 9802002000 | |
| External articulated hinges** | 9802025000 | |
| Internal articulated hinges, flexible, for enclosure with quick-release fastener | 9801080000 | |
| Silicone seal for extended temperature range (by the metre) | on request | |
| Mounting bushes with 4 screws M3 x 8 | 9800040000 | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 36 | 16 12 8 4 2 2 2 |
| Side C/D | 17 | 8 5 3 2 2 1 0 |
| ** Enclosure preparation required | | |

* Smaller dimension at mounting plate support

| Type | CT-901 PC | CT-902 ABS |
|---|--------------------|----------------------|
| Weight (g) | 680 (PC) | 550 (ABS) |
| External dimension (mm) | 250 x 160 x 90 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2900000000 | |
| PC, with screw fastener | 2900001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2901000000 | |
| ABS, with quick-release fastener | 3900000000 | |
| ABS, with screw fastener | 3900001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3901000000 | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512187000 | |
| Mounting rail TS 15 | - | |
| Mounting rail TS 32 | 9821006000 | |
| Mounting rail TS 35 | 9822008000 | |
| Earthing rail (secured on central bosses C/D) | 9810009000 | |
| External mounting brackets | 9802002000 | |
| External articulated hinges** | 9802025000 | |
| Internal articulated hinges, flexible, for enclosure with quick-release fastener | 9801076000 | |
| Silicone seal for extended temperature range (by the metre) | on request | |
| Mounting bushes with 4 screws M3 x 8 | 9800040000 | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 38 | 16 12 8 4 2 2 2 |
| Side C/D | 17 | 8 5 3 2 2 1 0 |
| ** Enclosure preparation required | | |

250 x 160 x 120 mm

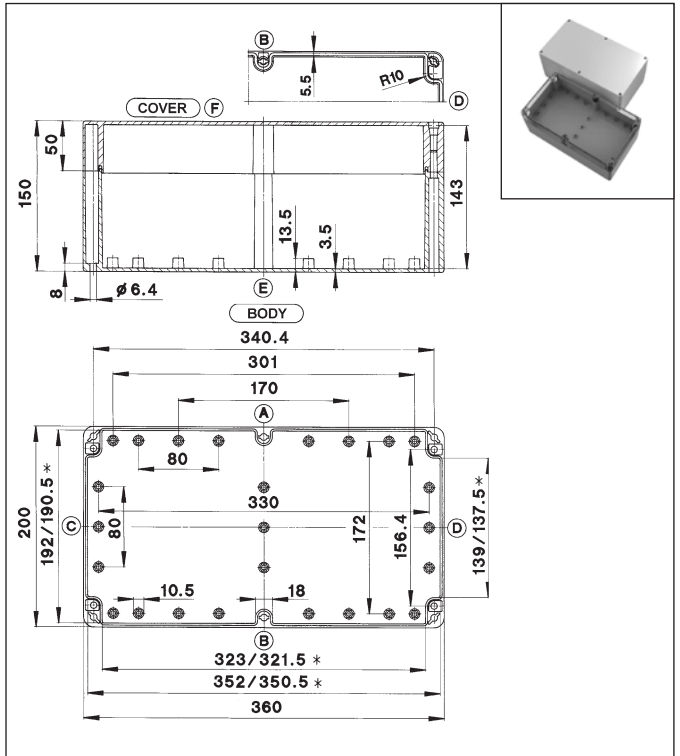
CT-911 Polycarbonate enclosures
CT-912 ABS enclosures



360 x 200 x 150 mm

CT-881 Polycarbonate enclosures
CT-882 ABS enclosures

CAD files available
at www.bernstein.eu



* Smaller dimension at mounting plate support

| Type | CT-911 PC | CT-912 ABS |
|---|--------------------|----------------------|
| Weight (g) | 830 (PC) | 660 (ABS) |
| External dimension (mm) | 250 x 160 x 120 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2910000000 | |
| PC, with screw fastener | 2910001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2911000000 | |
| ABS, with quick-release fastener | 3910000000 | |
| ABS, with screw fastener | 3910001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3911000000 | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512187000 | |
| Mounting rail TS 15 | - | |
| Mounting rail TS 32 | 9821006000 | |
| Mounting rail TS 35 | 9822008000 | |
| Earthing rail (secured on central bosses C/D) | 9810009000 | |
| External mounting brackets | 9802002000 | |
| External articulated hinges** | 9802025000 | |
| Internal articulated hinges, flexible, | | |
| for enclosure with quick-release fastener | 9801080000 | |
| Silicone seal for extended temperature range (by the metre) | on request | |
| Mounting bushes with 4 screws M3 x 8 | 9800040000 | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 38 | 16 12 8 4 2 2 2 |
| Side C/D | 17 | 8 5 3 2 2 1 0 |
| ** Enclosure preparation required | | |

** Enclosure preparation required

* Smaller dimension at mounting plate support

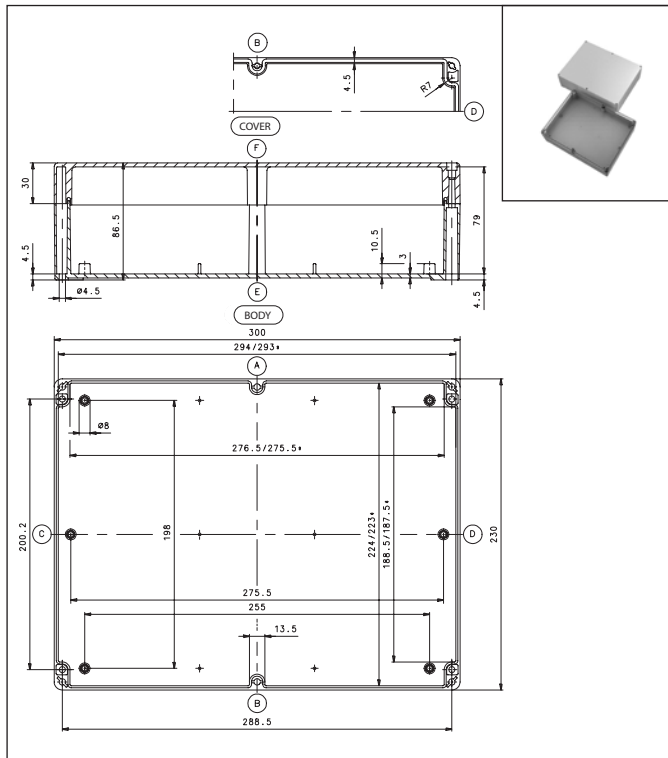
| Type | CT-881 PC | CT-882 ABS |
|---|---------------------|----------------------|
| Weight (g) | 1550 (PC) | 1375 (ABS) |
| External dimension (mm) | 360 x 200 x 150 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2880000000 | |
| PC, with screw fastener | 2880001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2881000000 | |
| ABS, with quick-release fastener | 3880000000 | |
| ABS, with screw fastener | 3880001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3881000000 | |
| | | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512020000 | |
| Mounting rail TS 15 | – | |
| Mounting rail TS 32 | 9821013000 | |
| Mounting rail TS 35 | 9822016000 | |
| Earthing rail (secured on central bosses C/D) | 9810034000 | |
| External mounting brackets | – | |
| External articulated hinges** | 9802026000 | |
| Internal articulated hinges, flexible, for enclosure with quick-release fastener | – | |
| Silicone seal for extended temperature range (by the metre) | on request | |
| Mounting bushes with 4 screws M3 x 8 | 9800026000 (M4 x 8) | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 70 | 32 24 16 10 6 4 4 |
| Side C/D | 26 | 11 8 5 3 2 2 1 |
| ** Enclosure preparation required | | |

** Enclosure preparation required

Polycarbonate and ABS Enclosures – Series CT

300 x 230 x 86 mm

CT-871 Polycarbonate enclosures
CT-872 ABS enclosures

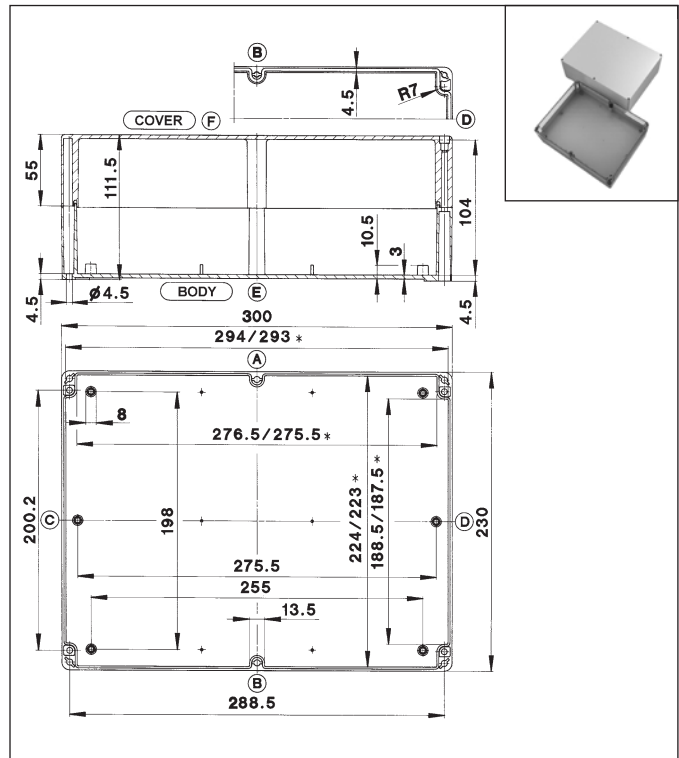


* Smaller dimension at mounting plate support

| Type | CT-871 PC | CT-872 ABS |
|---|--------------------|----------------------|
| Weight (g) | 915 (PC) | 850 (ABS) |
| External dimension (mm) | 300 x 230 x 86 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2870000000 | |
| PC, with screw fastener | 2870001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2871000000 | |
| ABS, with quick-release fastener | 3870000000 | |
| ABS, with screw fastener | 3870001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3871000000 | |
| | | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512019000 | |
| Mounting rail TS 15 | – | |
| Mounting rail TS 32 | 9821010000 | |
| Mounting rail TS 35 | 9822013000 | |
| Earthing rail (secured on central bosses C/D) | 9810012000 | |
| External mounting brackets | 9802002000 | |
| External articulated hinges** | 9802025000 | |
| Internal articulated hinges, flexible, | | |
| for enclosure with quick-release fastener | 9801079000 | |
| Silicone seal for extended temperature range (by the metre) | – | |
| Mounting bushes with 4 screws M3 x 8 | 9800025000 | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 34 | 14 10 6 4 0 0 0 |
| Side C/D | 21 | 13 5 4 2 0 0 0 |
| ** Enclosure preparation required | | |

300 x 230 x 110 mm

CT-891 Polycarbonate enclosures
CT-892 ABS enclosures



* Smaller dimension at mounting plate support

| Type | CT-891 PC | CT-892 ABS |
|---|--------------------|----------------------|
| Weight (g) | 1155 (PC) | 1000 (ABS) |
| External dimension (mm) | 300 x 230 x 110 | |
| Ordering data Enclosure (painted) with seal (PUR) | Part number | |
| PC, with quick-release fastener | 2890000000 | |
| PC, with screw fastener | 2890001000 | |
| PC, with transparent cover (PC) and quick-release fastener | 2891000000 | |
| ABS, with quick-release fastener | 3890000000 | |
| ABS, with screw fastener | 3890001000 | |
| ABS, with transparent cover (PC) and quick-release fastener | 3891000000 | |
| | | |
| | | |
| Accessories (individual part or installation kit) | | |
| Mounting plate | 9512019000 | |
| Mounting rail TS 15 | - | |
| Mounting rail TS 32 | 9821010000 | |
| Mounting rail TS 35 | 9822013000 | |
| Earthing rail (secured on central bosses C/D) | 9810012000 | |
| External mounting brackets | 9802002000 | |
| External articulated hinges** | 9802025000 | |
| Internal articulated hinges, flexible, | | |
| for enclosure with quick-release fastener | 9801082000 | |
| Silicone seal for extended temperature range (by the metre) | - | |
| Mounting bushes with 4 screws M3 x 8 | 9800025000 | |
| Maximum possible number of threads | | |
| ISO M | 12 | 16 20 25 32 40 50 63 |
| Side A/B | 34 | 14 10 6 4 0 0 0 |
| Side C/D | 21 | 13 5 4 2 0 0 0 |
| ** Enclosure preparation required | | |