

# CT-Enclosures (Polycarbonate and ABS)

## Details of the assembly components

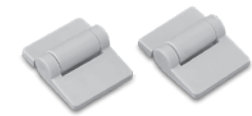
### Mounting rails

- 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



### External articulated hinges

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



### Mounting rails

- Conforming to standards TS15 or TS32 and TS 35, made from steel; surface treated for accepting terminal blocks

### Earthing bars

- Made from galvanised steel for combining and connecting PE conductors



### Flexible quick-release fastener/internal articulated hinges



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

### Silicon-, EPDM-, CR- or HF seal

- With increased temperature resistance (see indications on 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



### External mounting brackets

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

### Terminal blocks

- Terminals of all well-known manufacturers can be offered mounted according to the application



### Sealing screw

- Use of a sealing screw protects the cover against unauthorized access



### Cable glands

- Plastic cable glands (polyamide 6, RAL 7035) including integrated strain relief
- Sealing element Neoprene, temperature range -20°C to +100°C
- Other cable glands are available on demand

### 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



# CT-Enclosures (Polycarbonate)

## Available accessories



| Article number<br>Enclosure with<br>quick-release<br>fastener | Mounting plate |                |                      |                    | Mounting rails |      |      |               | Mounting bushes               |                                |                                                                       |                  |                  |               |  |
|---------------------------------------------------------------|----------------|----------------|----------------------|--------------------|----------------|------|------|---------------|-------------------------------|--------------------------------|-----------------------------------------------------------------------|------------------|------------------|---------------|--|
|                                                               | Type           | Screw fastener | Material:<br>HP 2061 | Thickness<br>in mm | TS15           | TS32 | TS35 | Earthing rail | External mounting<br>brackets | External articulated<br>hinges | Internal hinges,<br>flexible, only for<br>quick-release<br>enclosures | 4 screws<br>M3x8 | 4 screws<br>M4x8 | Sealing screw |  |
| 2500000000                                                    | CT-501         | X              | X                    | 1.5                | -              | -    | -    | -             | -                             | -                              | -                                                                     | -                | -                | X             |  |
| 2520000000                                                    | CT-521         | X              | X                    | 1.5                | X              | -    | -    | -             | -                             | -                              | -                                                                     | X                | -                | X             |  |
| 2540000000                                                    | CT-541         | X              | X                    | 1.5                | X              | -    | X    | -             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2560000000                                                    | CT-561         | X              | X                    | 1.5                | X              | -    | X    | -             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2580000000                                                    | CT-581         | X              | X                    | 1.5                | X              | -    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2600000000                                                    | CT-601         | X              | X                    | 1.5                | X              | -    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2620000000                                                    | CT-621         | X              | X                    | 2                  | X              | -    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2640000000                                                    | CT-641         | X              | X                    | 2                  | X              | -    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2660000000                                                    | CT-661         | X              | X                    | 2                  | X              | -    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2680000000                                                    | CT-681         | X              | X                    | 2                  | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2720000000                                                    | CT-721         | X              | X                    | 2                  | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | -             |  |
| 2760000000                                                    | CT-761         | X              | X                    | 2                  | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2780000000                                                    | CT-781         | X              | X                    | 2                  | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | -             |  |
| 2800000000                                                    | CT-801         | X              | X                    | 2.5                | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | -             |  |
| 2820000000                                                    | CT-821         | X              | X                    | 2.5                | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2840000000                                                    | CT-841         | X              | X                    | 2.5                | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2860000000                                                    | CT-861         | X              | X                    | 2.5                | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2900000000                                                    | CT-901         | X              | X                    | 2.5                | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | -             |  |
| 2910000000                                                    | CT-911         | X              | X                    | 2.5                | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2880000000                                                    | CT-881         | X              | X                    | 2.5                | -              | X    | X    | X             | -                             | X                              | -                                                                     | -                | X                | X             |  |
| 2870000000                                                    | CT-871         | X              | X                    | 2.5                | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | -             |  |
| 2890000000                                                    | CT-891         | X              | X                    | 2.5                | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | -             |  |
|                                                               |                |                |                      |                    |                |      |      |               |                               |                                |                                                                       |                  |                  |               |  |
| 2501000000                                                    | CT-501 T       | X              | X                    | 1.5                | -              | -    | -    | -             | -                             | -                              | -                                                                     | -                | -                | X             |  |
| 2521000000                                                    | CT-521 T       | X              | X                    | 1.5                | X              | -    | -    | -             | -                             | -                              | -                                                                     | X                | -                | X             |  |
| 2541000000                                                    | CT-541 T       | X              | X                    | 1.5                | X              | -    | X    | -             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2561000000                                                    | CT-561 T       | X              | X                    | 1.5                | X              | -    | X    | -             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2581000000                                                    | CT-581 T       | X              | X                    | 1.5                | X              | -    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2601000000                                                    | CT-601 T       | X              | X                    | 1.5                | X              | -    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2621000000                                                    | CT-621 T       | X              | X                    | 2                  | X              | -    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2641000000                                                    | CT-641 T       | X              | X                    | 2                  | X              | -    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2661000000                                                    | CT-661 T       | X              | X                    | 2                  | X              | -    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2681000000                                                    | CT-681 T       | X              | X                    | 2                  | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2721000000                                                    | CT-721 T       | X              | X                    | 2                  | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | -             |  |
| 2761000000                                                    | CT-761 T       | X              | X                    | 2                  | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2781000000                                                    | CT-781 T       | X              | X                    | 2                  | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | -             |  |
| 2801000000                                                    | CT-801 T       | X              | X                    | 2.5                | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | -             |  |
| 2821000000                                                    | CT-821 T       | X              | X                    | 2.5                | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2841000000                                                    | CT-841 T       | X              | X                    | 2.5                | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2861000000                                                    | CT-861 T       | X              | X                    | 2.5                | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2901000000                                                    | CT-901 T       | X              | X                    | 2.5                | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | -             |  |
| 2911000000                                                    | CT-911 T       | X              | X                    | 2.5                | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | X             |  |
| 2881000000                                                    | CT-881 T       | X              | X                    | 2.5                | -              | X    | X    | X             | -                             | X                              | -                                                                     | -                | X                | X             |  |
| 2871000000                                                    | CT-871 T       | X              | X                    | 2.5                | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | -             |  |
| 2891000000                                                    | CT-891 T       | X              | X                    | 2.5                | -              | X    | X    | X             | X                             | X                              | X                                                                     | X                | -                | -             |  |

x = available (can be ordered as an accessory, not included in scope of delivery)  
- = not available