

# CA-Enclosures (Aluminium)

## Details of the assembly components

### Mounting plates

- Made from galvanised steel plate  
(thickness: CA-060 to CA-310, CA-350 to CA-400: 1.5 mm;  
CA-330, CA-420 to CA-480: 2.5 mm)
- For versatile mounting of built-in components



### Mounting rails

- Conforming to Standards TS 15 or TS 32 and TS 35 and made from steel;  
surface treated for accepting terminal blocks



### Earthing bars

- Made from galvanised steel for combining and connecting PE conductors



### External mounting brackets

- Made from stainless steel for mounting enclosures without  
opening the covers
- Variable mounting in 90°-steps thanks to contours in the enclosure base



### Terminal blocks

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



### Sealing screw

- Use of a sealing screw to protect the cover against unauthorized access



### External articulated hinges

- For hinged mounting of the enclosure cover
- Opening range of cover approx. 155°
- Cast aluminium (painted in RAL 7001 – specific colours possible  
according to the enclosure specification)
- Machining is required for mounting on enclosures



### Internal articulated hinges

- For hinged mounting of the enclosure cover
- Opening range of cover approx. 95°
- Stainless steel
- Machining is required for mounting on enclosures



### 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)
- For a conductive connection, the grooves and springs of the enclosure  
must be left blank



### Cable glands

- Plastic cable glands (polyamide PAG V-2, RAL 7001) or brass cable glands
- Sealing element CR/NBR, temperature range -20°C to +100°C
- Other cable glands are available on demand



### Lock

- Use a lock to protect the enclosure against unauthorized access



CA-Enclosures

Available accessories



| Article number<br>Enclosure | Type   | Mounting plate                         |                    | Mounting rails |      |      |   | Earthing rail | External mounting<br>brackets | External articulated<br>hinges | Internal hinges with<br>cover guide | Sealing screw | Quick-release<br>fastener 4x | Lock |
|-----------------------------|--------|----------------------------------------|--------------------|----------------|------|------|---|---------------|-------------------------------|--------------------------------|-------------------------------------|---------------|------------------------------|------|
|                             |        | Material:<br>Galvanised sheet<br>steel | Thickness<br>in mm | TS15           | TS32 | TS35 |   |               |                               |                                |                                     |               |                              |      |
| 1020000000                  | CA-020 | -                                      | -                  | -              | -    | -    | - | -             | -                             | -                              | -                                   | X             | -                            | -    |
| 1060000000                  | CA-060 | X                                      | 1.5                | X              | -    | -    | - | -             | -                             | -                              | -                                   | X             | -                            | -    |
| 1080000000                  | CA-080 | X                                      | 1.5                | X              | -    | -    | - | -             | -                             | -                              | -                                   | X             | -                            | -    |
| 1100000000                  | CA-100 | X                                      | 1.5                | X              | -    | -    | - | -             | -                             | -                              | -                                   | X             | -                            | -    |
| 1130000000                  | CA-130 | X                                      | 1.5                | X              | -    | -    | - | -             | -                             | X                              | -                                   | X             | X                            | -    |
| 1140000000                  | CA-140 | X                                      | 1.5                | X              | -    | -    | - | -             | -                             | X                              | -                                   | X             | X                            | -    |
| 1150000000                  | CA-150 | X                                      | 1.5                | X              | -    | -    | - | -             | -                             | X                              | -                                   | X             | X                            | -    |
| 1160000000                  | CA-160 | X                                      | 1.5                | X              | -    | -    | - | -             | -                             | X                              | -                                   | X             | X                            | -    |
| 1170000000                  | CA-170 | X                                      | 1.5                | X              | -    | -    | - | -             | -                             | X                              | -                                   | X             | X                            | -    |
| 1180000000                  | CA-180 | X                                      | 1.5                | X              | -    | -    | - | -             | -                             | X                              | -                                   | X             | X                            | -    |
| 1190000000                  | CA-190 | X                                      | 1.5                | X              | -    | -    | - | -             | -                             | X                              | -                                   | X             | X                            | -    |
| 1210000000                  | CA-210 | X                                      | 1.5                | X              | X    | X    | X | X             | X                             | X                              | X                                   | X             | X                            | -    |
| 1210000050                  | CA-215 | X                                      | 1.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | X                            | -    |
| 1220000000                  | CA-220 | X                                      | 1.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | X                            | -    |
| 1230000000                  | CA-230 | X                                      | 1.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | X                            | -    |
| 1230000050                  | CA-235 | X                                      | 1.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | X                            | -    |
| 1240000000                  | CA-240 | X                                      | 1.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | X                            | -    |
| 1250000000                  | CA-250 | X                                      | 1.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | X                            | -    |
| 1270000000                  | CA-270 | X                                      | 1.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | X                            | -    |
| 1280000000                  | CA-280 | X                                      | 1.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | X                            | -    |
| 1290000000                  | CA-290 | X                                      | 1.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | X                            | X    |
| 1300000000                  | CA-300 | X                                      | 1.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | X                            | X    |
| 1310000000                  | CA-310 | X                                      | 1.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | X                            | X    |
| 1330000000                  | CA-330 | X                                      | 2.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | -                            | X    |
| 1350000000                  | CA-350 | X                                      | 1.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | X                            | X    |
| 1360000000                  | CA-360 | X                                      | 1.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | X                            | X    |
| 1370000000                  | CA-370 | X                                      | 1.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | X                            | X    |
| 1380000000                  | CA-380 | X                                      | 1.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | X                            | X    |
| 1390000000                  | CA-390 | X                                      | 1.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | -                            | X    |
| 1400000000                  | CA-400 | X                                      | 1.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | X                            | X    |
| 1420000000                  | CA-420 | X                                      | 2.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | -                            | X    |
| 1450000000                  | CA-450 | X                                      | 2.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | -                            | X    |
| 1460000000                  | CA-460 | X                                      | 2.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | -                            | X    |
| 1470000000                  | CA-470 | X                                      | 2.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | -                            | X    |
| 1480000000                  | CA-480 | X                                      | 2.5                | -              | X    | X    | X | X             | X                             | X                              | X                                   | X             | -                            | X    |

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

