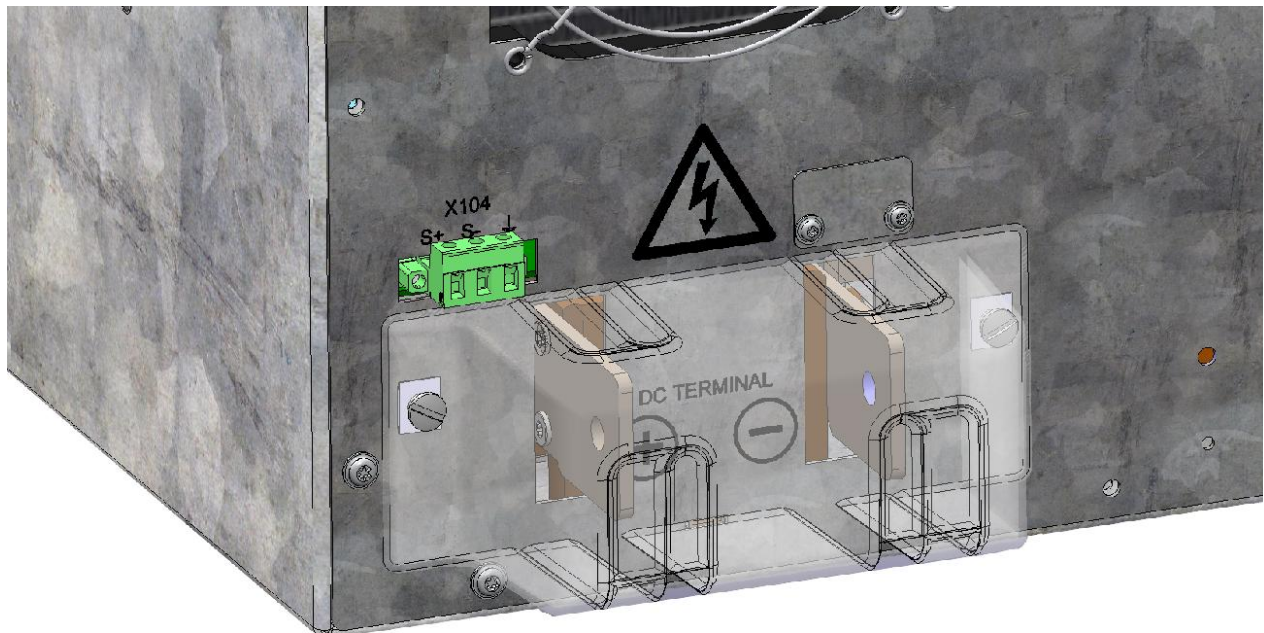


PACOB

Protection against **Accidental Contact Of current Bars**



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1. Introduction

The protective cover with its self-retaining screws provides an easy-to-install protection against accidental contact of current bars and increases the safety.

By rated brake points areas of the PACOB housing can be broken out, to adapt the protection against the contact individually to the particular routing.

This protection is available for following devices:

- TopCon TC.GSS
Bidirectional DC power supply.
- TopCon TC.P
DC power supply in the housing variations 9 U (Unit).

2. Rated break point areas

2.1. TC.GSS – Rated break point areas

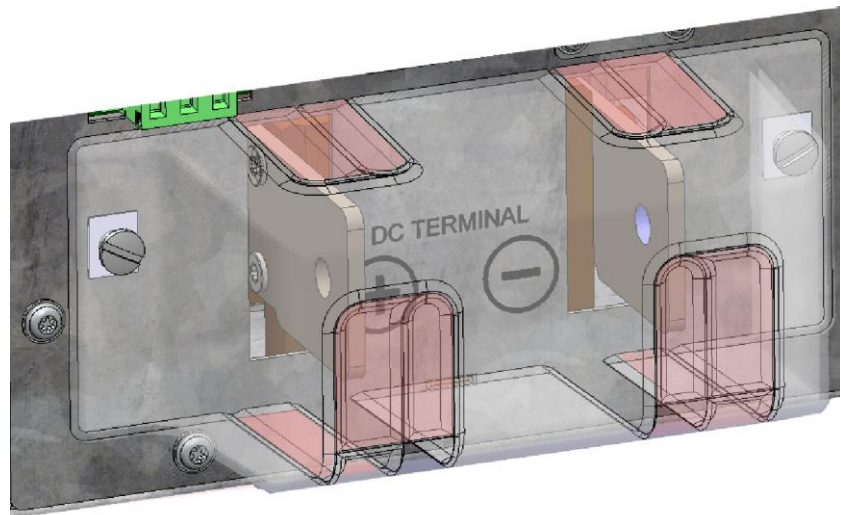


Fig. 1 Red marked rated break point areas of the TC.GSS device .

2.2. TC.P – Rated break point areas

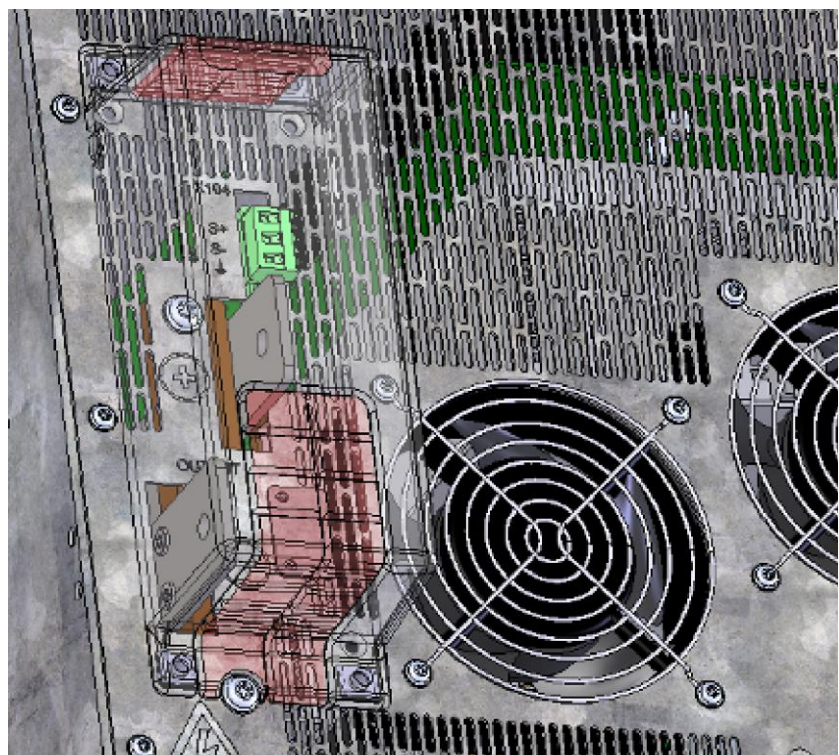


Fig. 2 Red marked rated break point areas of the TC.GSS device .

3. Technical data

3.1. Mechanical dimensions

3.1.1. TopCon TC.GSS device

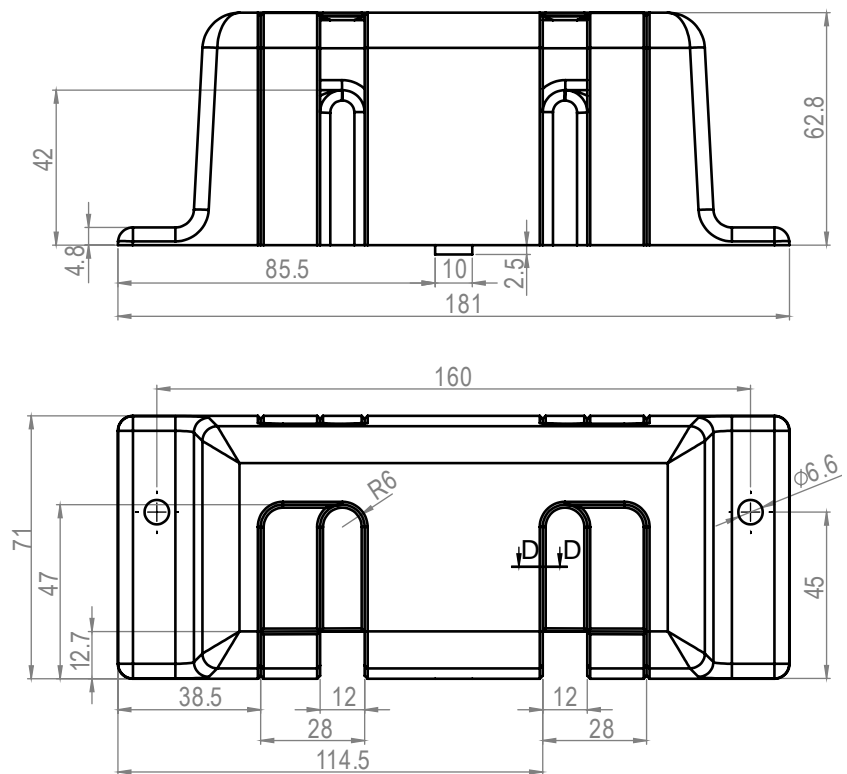


Fig. 3 PACOB dimensions for TC.GSS devices in mm.

3.1.2. TopCon TC.P device

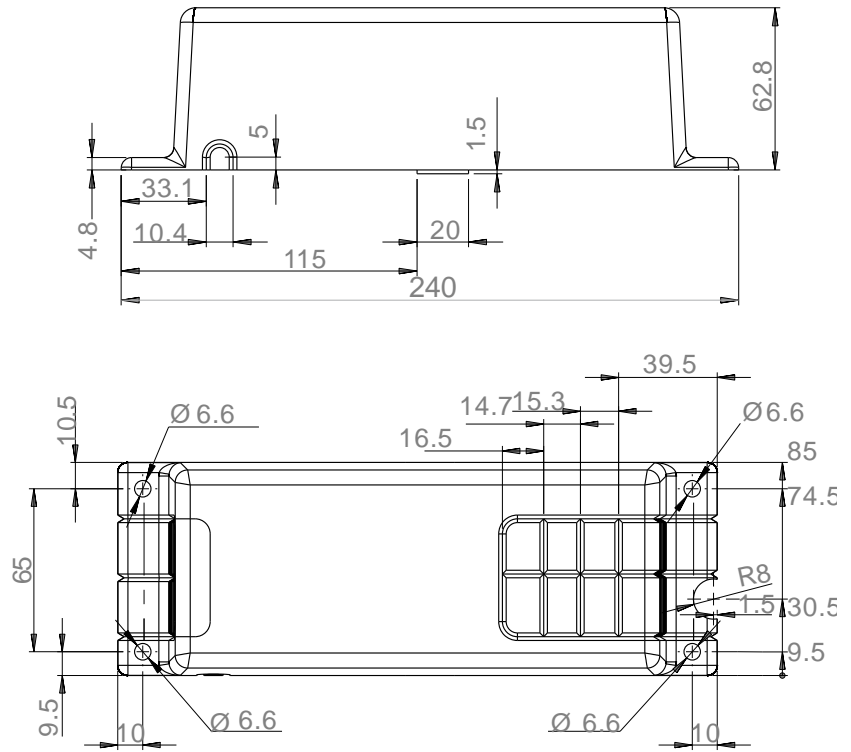


Fig. 4 PACOB dimensions for TC.P devices in mm.

3.2. Electrical data

Properties	By specifications	Value
Dielectric constant at 50 Hz	IEC 60250	3,1
Electric strength	IEC 60243-1	33 kV/mm
Specific resistivity	IEC 60093	$> 10^{13} \Omega \cdot m$
Creep resistance CTI	IEC 60112	275

Tab. 1 Electrical properties according to the manufacture's data.

3.3. Thermal data

Properties	By specifications	Value
Heat conductivity	DIN 52 612	0,21 W/Km
Max. temperature short time		140 °C
Max. temperature permanently	Heat ageing according to UL746	125 °C
Min. temperature		-100 °C

Tab. 2 Thermal properties according to the manufacture's data.

3.4. Further data

Properties	By specifications	Value
Burning behaviour according to UL94	IEC 60695-11-10	V-2
Transparency		clear-transparent
Raw material		Makrolon 2805 by Bayer (Polycarbonate)

Tab. 3 Further properties according to the manufacture's data.