

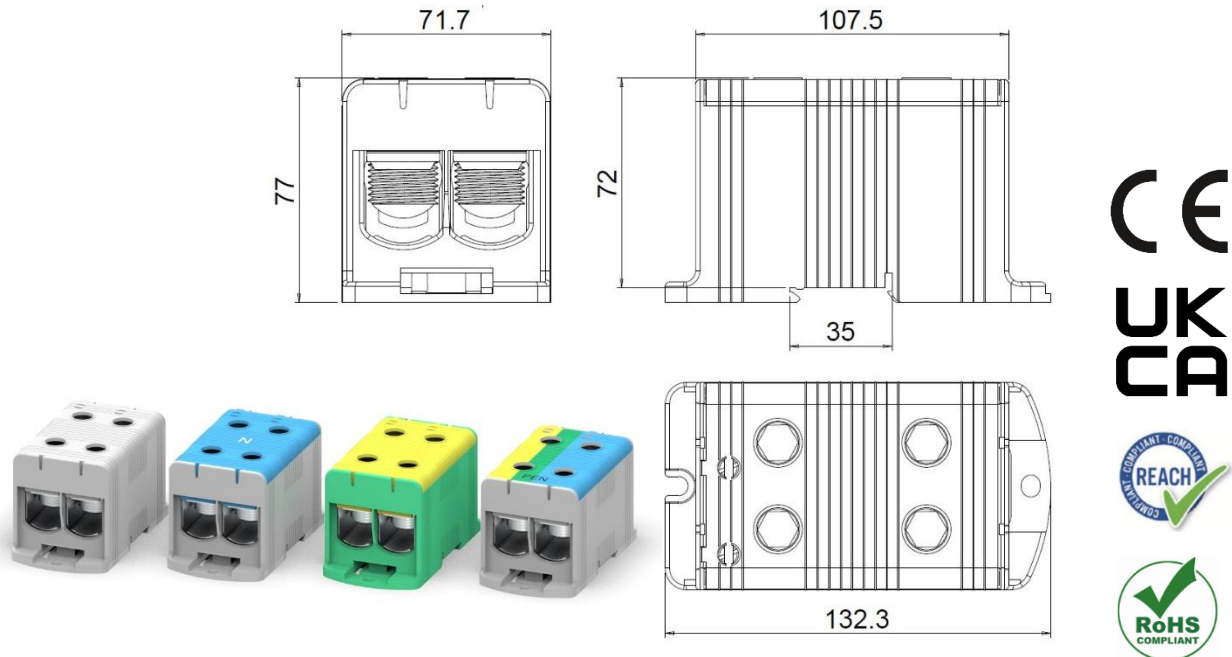
Datasheet:

PTB3621 - Power terminal block, 1 pole, 2x Al/Cu 300mm², Grey

PTB3622 - Power terminal block, 1 pole, 2x Al/Cu 300mm², Blue

PTB3623 - Power terminal block, 1 pole, 2x Al/Cu 300mm², Yellow/Green

PTB3624 - Power terminal block, 1 pole, 2x Al/Cu 300mm², PEN



Family	Power Terminal Blocks			Wiring diagram
Version	1 Pole, 2x			
Code	PTB3621	PTB3622	PTB3623	PTB3624
Reference	PTB-2-300-G	PTB-2-300-B	PTB-2-300-Y	PTB-2-300-PEN
Colour				
Number per package	1			
Sect. Cu (mm ²)	35÷300		Sect. Al (mm ²)	35÷300
I _{th} Cu (A)	520		I _{th} Al (A)	440
I _{cw} (kA) @1s	36		I _{pk} (kA)	75,6
U _i	1000Vac/1500Vdc		U _{imp}	12kV
Pollution Degree	PD 3		Comparative tracking index (V)	600
Weight (Kg)	0,164		Continuous working temp.	Max +85°C

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Technical Features

Insulating body: PA 66, UL 94-V0

Conductor: tinned aluminium

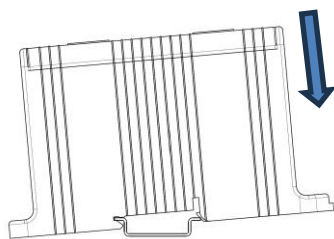
Screws: galvanized steel

Index protection: IP10

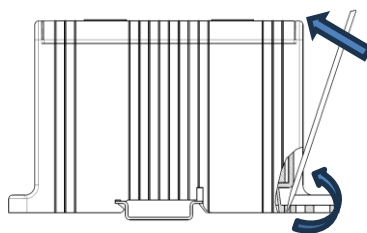
Compliant with standards EN 60947-7-1 and EN 61238-1-1

Instruction

35 mm DIN-rail installation:

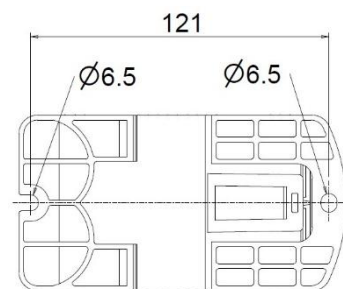


To install, get the power terminal block on the DIN-rail and push



To remove, use a flat screwdriver to release the clip and lift the connector

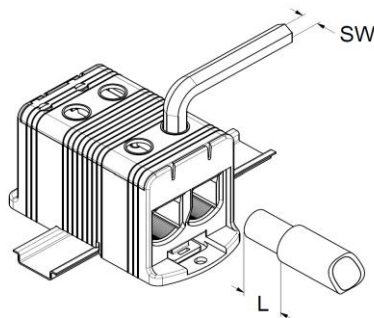
Panel installation:



Use M6 screws

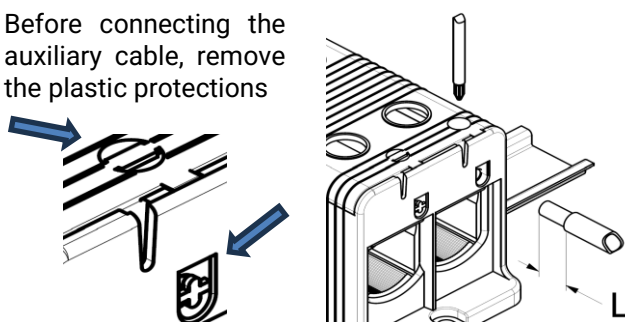
Cable connection:

The terminal is pre-greased. No additional grease is required on the cable



Stripping length L	52 mm
Hex SW	12 mm
Tightening torque ⁽¹⁾	35÷150 mm ² 30 Nm
	185÷300 mm ² 60 Nm

Before connecting the auxiliary cable, remove the plastic protections



Stripping length L	10 mm
Screw	M4
Tightening torque	1,5÷10 mm ² 1,2 Nm

- When mounted on DIN-rail, support the terminal block or use the Teknomega end-stoppers DIN1305.
- All the operations must be carried out by qualified personnel following the applicable national regulations for electrical installations.