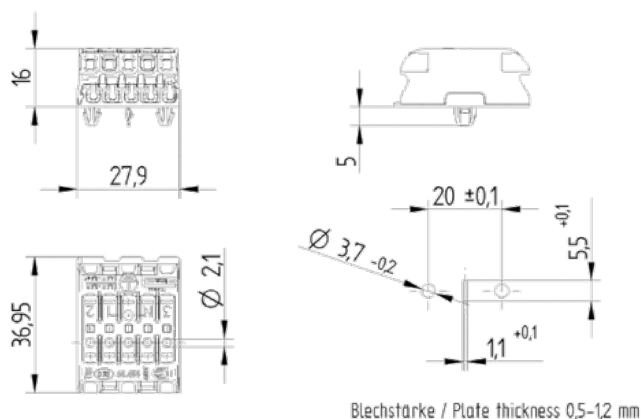


Terminal Block 5 poles

46.456 Terminal Block 5 poles



technology for light



Blechstärke / Plate thickness 0,5-1,2 mm

Part no.

47.456.1004-0

Marking	3 - N - ES - 1 - 2
No. of poles	5
Mechanical fixation	Snap in pins
PE contact	Rapid Earth Contact

- New family of RAST5 Terminal Blocks with 16mm height, a perfect fit to all standard ECGs
- Wire release function on both sides for top connection
- Easy to use by push wire contacts
- Stranded wires on top connection possible
- Multiple earthing possibilities: earthing bracket, rapid earth contact and earthing sign
- Different mechanical fixation methods: snap-in pins, pin for aluminum profiles and screw mounting
- Different standard markings available, more on demand

Electrical data	
Ratings according to (pending)	EN IEC 60998-1 / EN IEC 60998-2-2
Rated Voltage	450 V
Rated impulse voltage	2,5 KV
Rated current	24 A
Rated connection capacity	2,5 mm ² / 24A
Rated connection capacity	1,5 mm ² / 17,5A
Rated connection capacity	1,0 mm ² / 13,5A
Rated connection capacity	0,75 mm ² / 9A
Rated connection capacity	0,5 mm ² / 6A
Degree of pollution	2
Overvoltage category	II
Connection Data	
Connection type 1	External, top
Connection technology	Push wire contact
Actuation type	Push-button
No. of connection points	1
Wire material	Copper
Solid wires (direct plugable)	0,5 ... 2,5 mm ²
Stranded wire	0,5 - 2,5 mm ²
Fine stranded wire	0,5 - 2,5 mm ²
Strip length 0,5 - 2,5 mm ²	9 ... 10 mm / 0,354 ... 0,393 inch
Connection type 2	External, bottom
Connection technology	Push wire contact
No. of connection points	1
Actuation type	Axial release pin Ø 1,2mm
Wire material	copper
Solid wires (direct plugable)	0,5 ... 2,5 mm ²
Stranded wire	1,5 ... 2,5 mm ²
Strip length 0,5 - 2,5 mm ²	9 ... 10 mm / 0,354 ... 0,393 inch

This product contains the following REACH SVHC substances. For further information please refer to www.bjb.com.

CAS-Number	EG-Number	Substance name
3147-75-9	221-573-5	2-[2H-benzotriazol-2-yl]-4-[1,1,3,3-tetramethylbutyl]phenol

Connection data	
Connection type 3	Internal, top
Connection technology	Push wire contact
No. of connection points	1
Actuation type	Push-button
Solid wires (direct plugable)	0,5 ... 2,5 mm ²
Stranded wire	0,5 - 2,5 mm ²
Fine stranded wire	0,5 - 2,5 mm ²
Strip length 0,5 - 2,5 mm ²	9 ... 10 mm / 0,354 ... 0,393 inch
Connection type 4	Internal, bottom
Connection technology	Push wire contact
No. of connection points	1
Actuation type	Axial release pin Ø 1,2mm
Solid wires (direct plugable)	0,5 ... 2,5 mm ²
Stranded wire	1,5 ... 2,5 mm ²
Strip length 0,5 - 2,5 mm ²	9 ... 10 mm / 0,354 ... 0,393 inch
Material data	
Color	White
Insulating material group	III a
Insulating material	Polycarbonat (PC)
Flammability class per UL94	V-2
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact surface	Tin-plated
Geometric data	
Raster dimension	5 mm / 0.196 inch
Width	28 mm / 1.102 inch
Height from the surface	16 mm / 0.630 inch
Depth	37 mm / 1.456 inch
Enviromental conditions	
Temperature resistance	Permissible ambient temperature: -40 °C to 85 °C (at maximum test current of 24 A)
T-marking	T85
Packaging data	
Product weight	14,4 g
Packaging	400 pcs. / carton

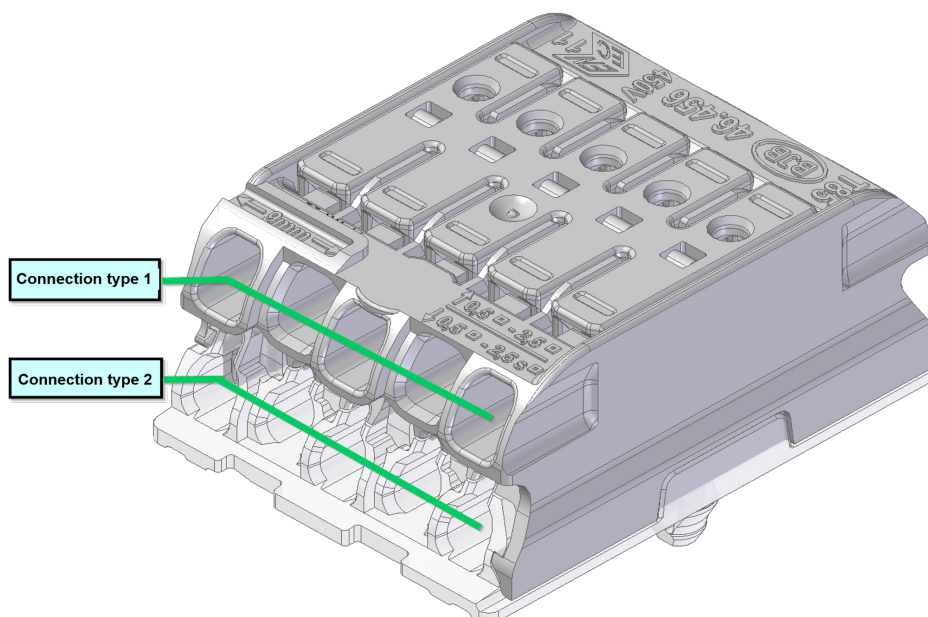
Terminal Block 5 poles

46.456 Terminal Block 5 poles

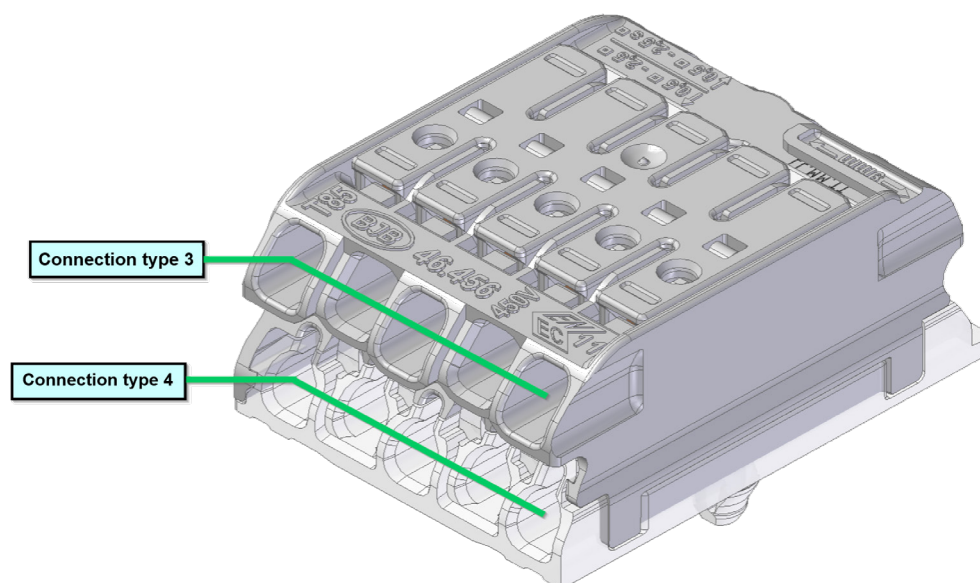


technology for light

external wiring
(installation)



internal wiring
(luminaire)



Note: The functionality of the REC requires that the coating of the luminaire sheet be penetrated during the assembly process. A reliable protective earth connection via the REC cannot be guaranteed for sheets that are powder-coated subsequently. The luminaire manufacturer must verify the suitability and effectiveness of the protective earth connection in the final product in accordance with the applicable requirements.