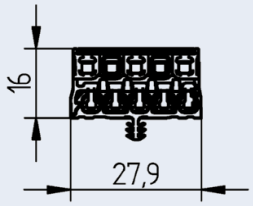
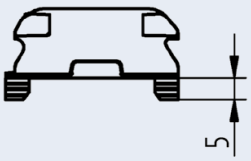
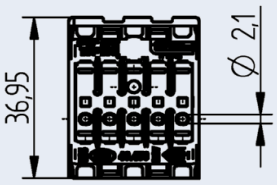
Terminal Block 5 poles

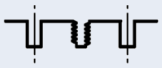
46.456 Terminal Block 5 poles

technology for light









Alustrangpressprofil mit M4 Gewindekanal /
Aluminum extrusion with M4 threaded channel

Part no.
46.456.1009-0

Marking:	3 - N - ES - 1 - 2 *
No. of poles	5
Mechanical fixation	Pin for profile groove
PE contact	Earth symbol

*ES = Earth symbol

- 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 mm² / 24A
Rated connection capacity	1,5 mm² / 17,5A
Rated connection capacity	1,0 mm² / 13,5A
Rated connection capacity	0,75 mm² / 9A
Rated connection capacity	0,5 mm² / 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	0.5 - 2.5 mm²
Solid wires (direct plugable)	0.5 - 2.5 mm²
Stranded wire	0.5 - 2.5 mm²
Fine stranded wire	0.5 - 2.5 mm²
Strip length 0.5 - 2,5 mm²	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 1,2mm
Wire material	Copper
Solid wires	0,5 … 2,5 mm²
Solid wires (direct plugable)	0,5 … 2,5 mm²
Stranded wire	1,5 … 2,5 mm²
Strip length 0.5 - 2,5 mm²	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	0,5 … 2,5 mm²
Solid wires (direct plugable)	0,5 … 2,5 mm²
Stranded wire	0,5 … 2,5 mm²
Fine stranded wire	0,5 … 2,5 mm²
Strip length 0.5 - 2,5 mm²	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 1,2mm
Solid wires	0,5 … 2,5 mm²
Solid wires (direct plugable)	0,5 … 2,5 mm²
Stranded wire	1,5 … 2,5 mm²
Strip length 0.5 - 2,5 mm²	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 (E_{cu})
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
Environmental 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

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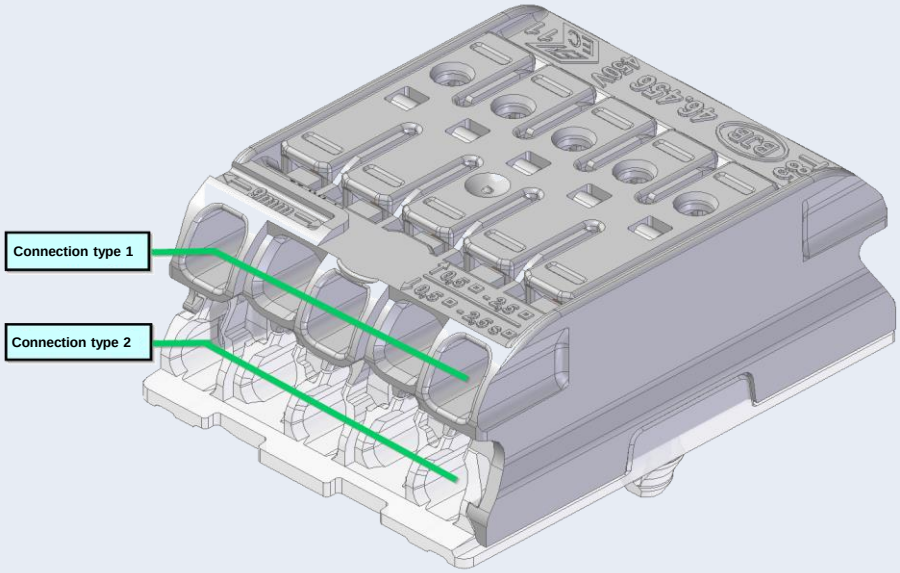
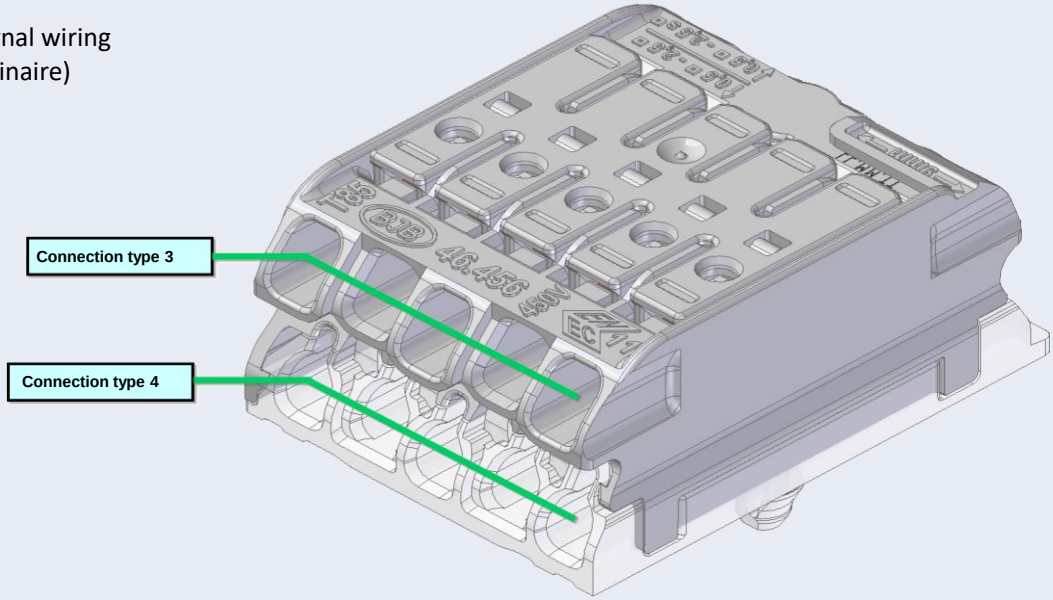
external wiring
(installation)



internal wiring
(luminaire)



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