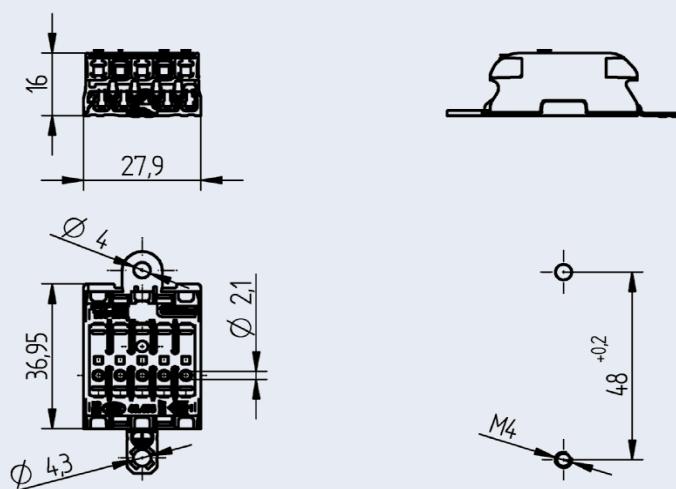


# Terminal Block 5 poles

46.456 Terminal Block 5 poles



Part no.

**46.456.1015-0**

Marking:

3 - N - ES - 1 - 2 \*

5

No. of poles

Screw fixation

Mechanical fixation

Earthing bracket

PE contact

\*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 accordint to (pending)	EN IEC 60998-1 EN IEC 60998-2-2
Rated voltag	450 V
Rated impulse voltage	2,5 KV
Rated current	24 A
Rated connection capacity	2,5 mm <sup>2</sup> / 24A
Rated connection capacity	1,5 mm <sup>2</sup> / 17,5A
Rated connection capacity	1,0 mm <sup>2</sup> / 13,5A
Rated connection capacity	0,75 mm <sup>2</sup> / 9A
Rated connection capacity	0,5 mm <sup>2</sup> / 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 mm <sup>2</sup>
Solid wires; Directly pluggable	0.5 - 2.5 mm <sup>2</sup>
Stranded wire	1,5 ... 2,5 mm <sup>2</sup>
Solid wires; Directly pluggable	0.5 - 2.5 mm <sup>2</sup>
Fine stranded wire	1,5 ... 2,5 mm <sup>2</sup>
Strip length 0.5 - 1,0 mm <sup>2</sup>	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	cooper
Solid wires	0,5 ... 2,5 mm <sup>2</sup>
Solid wires; Directly pluggable	0,5 ... 2,5 mm <sup>2</sup>
Stranded wire	1,5 ... 2,5 mm <sup>2</sup>
Strip length 0.5 - 1,0 mm <sup>2</sup>	9 ... 10 mm / 0,354 ...0,393 inch

## 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 mm <sup>2</sup>
Solid wires; Directly pluggable	0,5 ... 2,5 mm <sup>2</sup>
Stranded wire	1,5 ... 2,5 mm <sup>2</sup>
Fine stranded wire	1,5 ... 2,5 mm <sup>2</sup>
Strip length 0.5 - 1,0 mm <sup>2</sup>	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 mm <sup>2</sup>
Solid wires; Directly pluggable	0,5 ... 2,5 mm <sup>2</sup>
Stranded wire	1,5 ... 2,5 mm <sup>2</sup>
Strip length 0.5 - 1,0 mm <sup>2</sup>	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 <sub>cu</sub> )
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

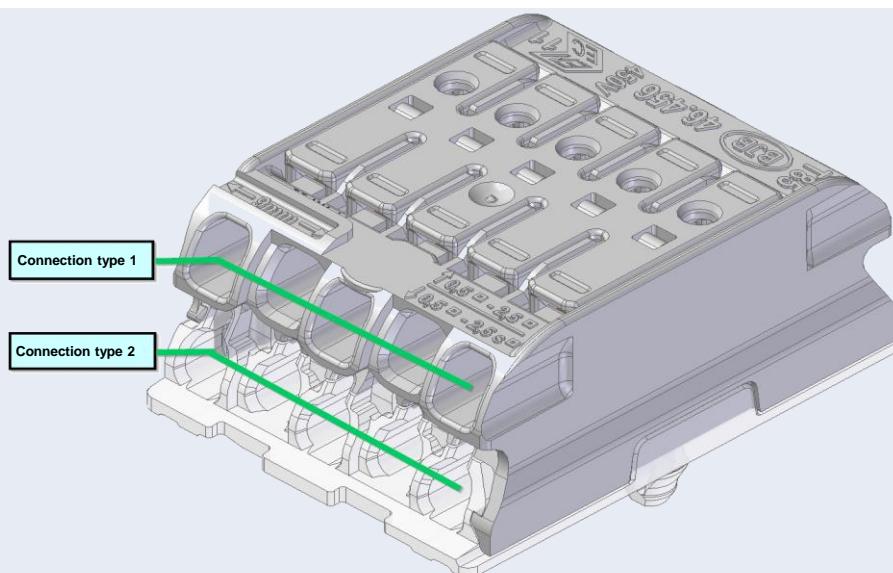
## Packaging data

Product weight	TBD g
Packaging	500 pcs. / carton

# Terminal Block 5 poles

46.456 Terminal Block 5 poles

external wiring  
(installation)



internal wiring  
(luminaire)

