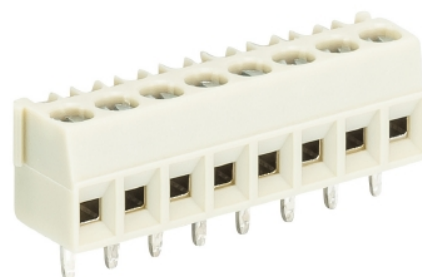


## Data sheet

Commercial Art.No.: 25.195.0653.0

Printed circuit board terminal 8593 / 6 OB

PCB terminal with screw connection with rising cage clamp system, 6 poles, with solder pin (3.5mm), max. cross section: 1.5 mm<sup>2</sup>, pitch: 3.5 mm, type of packing: carton, color: grey



|                    |               |
|--------------------|---------------|
| Commercial Art.No. | 25.195.0653.0 |
| EAN                | 4015573341555 |
| Order Unit         | 50            |

Certificates / Approvals



## Technical data

### General

|                            |                  |
|----------------------------|------------------|
| Modular spacing            | 3.5 mm           |
| Connection type            | screw connection |
| Soldering process          | Wave soldering   |
| Packaging                  | Carton           |
| Number of poles            | 6                |
| Conductor to circuit board | 180°             |
| Number of levels           | 1                |
| Integrated test socket     | yes              |
| Insulation plate           | No               |
| Retaining pins             | No               |
| Marking                    | No               |

### Technical data

|                          |                   |
|--------------------------|-------------------|
| Nominal cross section    | 1 mm <sup>2</sup> |
| Rated current            | 10 A              |
| Overvoltage Category I   | 690 V             |
| Overvoltage Category II  | 250 V             |
| Overvoltage Category III | 160               |
| Rated impulse voltage    | 2.5 kV            |
| Wire strip length        | 5 mm              |

### Connection Data

|                                     |                      |
|-------------------------------------|----------------------|
| Minimum cross section solid         | 0.14 mm <sup>2</sup> |
| Maximum cross section solid         | 1.5 mm <sup>2</sup>  |
| Minimum cross section fine stranded | 0.14 mm <sup>2</sup> |
| Maximum cross section fine stranded | 1 mm <sup>2</sup>    |
| Wire strip length                   | 5 mm                 |

**Technical Data UL/CSA**

|                        |           |
|------------------------|-----------|
| Cross section UL       | 30-16 AWG |
| Voltage UL             | 300 V     |
| Current field wiring   | 10 A      |
| Current factory wiring | 10 A      |
| Cross section CSA      | 30-16 AWG |
| Voltage CSA            | 300 V     |
| Current CSA            | 10 A      |

**Other**

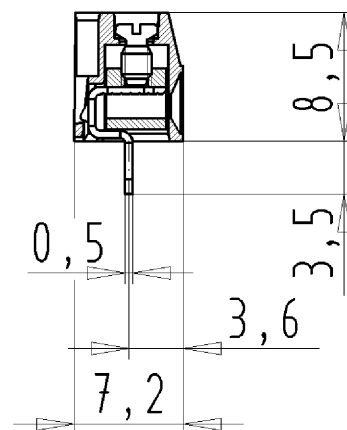
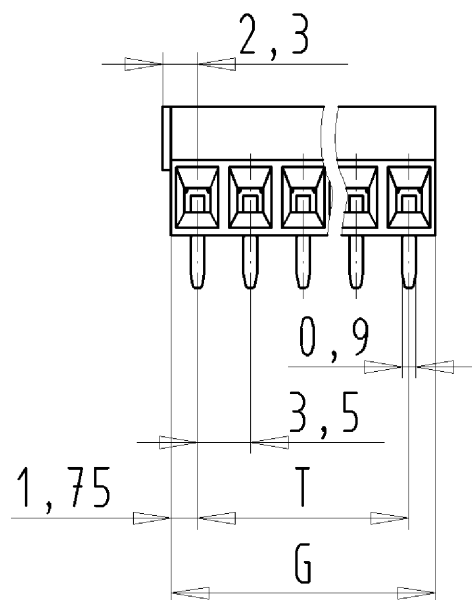
|                             |               |
|-----------------------------|---------------|
| Type of insulation material | Thermoplastic |
| Color                       | Grey          |
| Height                      | 8.5 mm        |
| Length                      | 21 mm         |
| Depth                       | 7.2 mm        |
| Material attachment screw   | Steel         |
| Material contact base       | CuSn          |
| Material contact surface    | Sn            |

**Classification**

|            |          |
|------------|----------|
| ECLASS 11  |          |
| ECLASS 8.1 | 27440401 |
| ETIM 7.0   | EC002643 |
| ETIM 6.0   | EC002643 |
| ETIM 5.0   | EC002643 |
| ETIM 4.0   | EC002643 |

**Product compliance**

|                              |                    |
|------------------------------|--------------------|
| ROHS conformity status       | Compliant/Exempted |
| ROHS exceptions              | III-6(c)           |
| REACH-SVHC conformity status | Duty-To-Declare    |
| REACH-SVHC substances        | Lead               |
| REACH-SVHC CAS numbers       | 7439-92-1          |



für folgende Tabellen-Zchnng.  
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