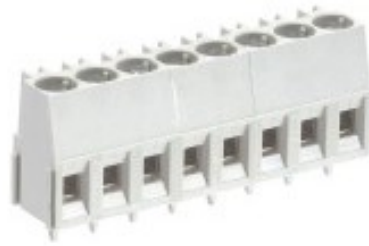


## Datasheet

Item No. 25.163.4453.0

### Printed circuit board terminal 8291 / 14 Z OB

PCB Terminal Block, 14-pole, with Isolation Plate, without marking and location cam, pitch 5,08 mm, series: 8291/14 Z OB



|            |               |
|------------|---------------|
| Item No.   | 25.163.4453.0 |
| EAN        | 4015573508606 |
| order unit | 50 Piece(s)   |

### Approvals



### Technical data

#### General

|                            |                  |
|----------------------------|------------------|
| Modular spacing            | 5.08 mm          |
| Connection type            | Screw connection |
| Soldering process          | Wave soldering   |
| Number of poles            | 14               |
| Conductor to circuit board | 180°             |
| Number of levels           | 1                |
| Integrated test socket     | Yes              |
| Insulation plate           | Yes              |
| Retaining pins             | No               |
| Marking                    | Yes              |

#### Technical data

|                          |         |
|--------------------------|---------|
| Nominal cross section    | 2.5 mm² |
| Rated current            | 16 A    |
| Overvoltage Category I   | 1000 V  |
| Overvoltage Category II  | 690 V   |
| Overvoltage Category III | 250 V   |
| Rated impulse voltage    | 4 kV    |

#### Connection Data

|                                     |                      |
|-------------------------------------|----------------------|
| Wire strip length                   | 6.5 mm               |
| Minimum cross section solid         | 0.14 mm <sup>2</sup> |
| Maximum cross section solid         | 4 mm <sup>2</sup>    |
| Minimum cross section fine stranded | 0.14 mm <sup>2</sup> |
| Maximum cross section fine stranded | 2.5 mm <sup>2</sup>  |

**Technical Data UL/CSA**

|                        |           |
|------------------------|-----------|
| Cross section UL       | 22-12 AWG |
| Voltage UL             | 300       |
| Current field wiring   | 20 A      |
| Current factory wiring | 30 A      |
| Cross section CSA      | 22-12 AWG |
| Voltage CSA            | 300 V     |
| Current CSA            | 25 A      |

**Other**

|                             |               |
|-----------------------------|---------------|
| Type of insulation material | Thermoplastic |
| Colour                      | Grey          |
| Height                      | 15 mm         |
| Length                      | 71.97 mm      |
| Depth                       | 9.5 mm        |
| Material attachment screw   | Steel         |
| Material contact base       | E-Cu          |
| Material contact surface    | Sn            |