

Data sheet

Commercial Art.No.: 25.162.3353.0

Printed circuit board terminal 8291 / 3 Z

PCB terminal with screw connection with rising cage clamp system, 3 poles, printed version, with insulating plate, with solder pin (3.5mm), max. cross section: 2.5 mm², pitch: 5.08 mm, type of packing: carton, color: grey



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|--------------------|---------------|
| Commercial Art.No. | 25.162.3353.0 |
| EAN | 4015573176270 |
| Order Unit | 100 |

Certificates / Approvals



Technical data

General

| | |
|----------------------------|------------------|
| Modular spacing | 5.08 mm |
| Connection type | Screw connection |
| Soldering process | Wave soldering |
| Packaging | Carton |
| Number of poles | 3 |
| Conductor to circuit board | 180° |
| Number of levels | 1 |
| Integrated test socket | Yes |
| Insulation plate | Yes |
| Retaining pins | No |
| Marking | No |

Technical data

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|--------------------------|---------------------|
| Nominal cross section | 2.5 mm ² |
| Rated current | 16 A |
| Overvoltage Category I | 1000 V |
| Overvoltage Category II | 690 V |
| Overvoltage Category III | 250 V |
| Rated impulse voltage | 4 kV |
| Wire strip length | 6.5 mm |

Connection Data

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

Technical Data UL/CSA

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|------------------------|-----------|
| Cross section UL | 22-12 AWG |
| Voltage UL | 300 V |
| 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

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|-----------------------------|--|
| Type of insulation material | Thermoplastic |
| Color | Grey |
| Height | 15 mm |
| Length | 16.09 mm |
| Depth | 9.5 mm |
| Material attachment screw | Steel |
| Material contact base | E-Cu |
| Material contact surface | Sn |
| Tightening torque note | If soldered additional mechanical fixing necessary |

Classification

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

Product compliance

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|------------------------------|--------------------|
| 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 |