

Datasheet

Art.No. 25.161.1053.0

Printed circuit board terminal 8191 / 10 OB

PCB Terminal Block, 10-pole, without Isolation Plate, without marking, pitch 5, series: 8191/10 OB



| | |
|------------|---------------|
| Art.No. | 25.161.1053.0 |
| EAN | 4015573175655 |
| Order unit | 50 pieces |

Approvals



Technical data

General

| | |
|----------------------------|------------------|
| Modular spacing | 5 mm |
| Connection type | Screw connection |
| Soldering process | Wave soldering |
| Packaging | Carton |
| Number of poles | 10 |
| 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 | 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

| | |
|-----------------------------|----------------------|
| Minimum cross section solid | 0.14 mm ² |
|-----------------------------|----------------------|

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

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

| | |
|-----------------------------|---------------|
| Type of insulation material | Thermoplastic |
| Colour | Grey |
| Height | 9.5 mm |
| Length | 50.85 mm |
| Depth | 16 mm |
| Material attachment screw | Steel |
| Material contact base | E-Cu |
| Material contact surface | Sn |

Classification

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

Drawings

Gezeichnete Ausführung
10-polig
drawn version
10 poles

Weitere Daten siehe Katalog
further data see catalog

| | | | | | |
|---------------|------------|----|-----|-----|--------|
| 25.161.2453.F | 8191/24 OB | 24 | 115 | 120 | 120,85 |
| 25.161.2353.F | 8191/23 OB | 23 | 110 | 115 | 115,85 |
| 25.161.2253.F | 8191/22 OB | 22 | 105 | 110 | 110,85 |
| 25.161.2153.F | 8191/21 OB | 21 | 100 | 105 | 105,85 |
| 25.161.2053.F | 8191/20 OB | 20 | 95 | 100 | 100,85 |
| 25.161.1953.F | 8191/19 OB | 19 | 90 | 95 | 95,85 |
| 25.161.1853.F | 8191/18 OB | 18 | 85 | 90 | 90,85 |
| 25.161.1753.F | 8191/17 OB | 17 | 80 | 85 | 85,85 |
| 25.161.1653.F | 8191/16 OB | 16 | 75 | 80 | 80,85 |
| 25.161.1553.F | 8191/15 OB | 15 | 70 | 75 | 75,85 |
| 25.161.1453.F | 8191/14 OB | 14 | 65 | 70 | 70,85 |
| 25.161.1353.F | 8191/13 OB | 13 | 60 | 65 | 65,85 |
| 25.161.1253.F | 8191/12 OB | 12 | 55 | 60 | 60,85 |
| 25.161.1153.F | 8191/11 OB | 11 | 50 | 55 | 55,85 |
| 25.161.1053.F | 8191/10 OB | 10 | 45 | 50 | 50,85 |
| 25.161.0953.F | 8191/ 9 OB | 9 | 40 | 45 | 45,85 |
| 25.161.0853.F | 8191/ 8 OB | 8 | 35 | 40 | 40,85 |
| 25.161.0753.F | 8191/ 7 OB | 7 | 30 | 35 | 35,85 |
| 25.161.0653.F | 8191/ 6 OB | 6 | 25 | 30 | 30,85 |
| 25.161.0553.F | 8191/ 5 OB | 5 | 20 | 25 | 25,85 |
| 25.161.0453.F | 8191/ 4 OB | 4 | 15 | 20 | 20,85 |
| 25.161.0353.F | 8191/ 3 OB | 3 | 10 | 15 | 15,85 |
| 25.161.0253.F | 8191/ 2 OB | 2 | 5 | 10 | 10,85 |

| .F | Farbe colour |
|----|---------------|
| .0 | grau /grey |
| .1 | schwarz/black |
| .5 | rot/red |
| .7 | grün/green |
| .9 | orange |

| Teile-Nr. part-no | Typ type | Polzahl pole | T | L | G |
|-------------------|----------|--------------|----|-----|--------|
| 25.161.0253.0 | 01K | 10 | 10 | 100 | 100,85 |

Information nach DIN 7167/Tolerance system acc. to DIN 7167.
[This DIN-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances].

Material: 2005
Drawing: 25.161.0253.0 01K
Title: LP_GEHAEUSESTIFTLISTE
Pitch: Rastermaß 5 / pitch 5
PCB header