

## Datasheet

Item No. 25.178.2553.0

Printed circuit board terminal 8191 E / 5 / 10 Z

PCB Terminal Block, 2-tier, 10-pole, with marking, with insulation plate, pitch 5 mm, series: 8191 E/5/10 Z



Item No.	25.178.2553.0
EAN	4015573354838
order unit	50 Piece(s)

## Approvals



## Technical data

### General

Modular spacing	5 mm
Connection type	Screw connection
Soldering process	Wave soldering
Number of poles	10
Conductor to circuit board	180°
Number of levels	2
Integrated test socket	Yes
Insulation plate	Yes
Retaining pins	No
Marking	Yes

### Technical data

Nominal cross section	2.5 mm <sup>2</sup>
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	28.5 mm
Length	28.05 mm
Depth	21.5 mm
Material attachment screw	Steel
Material contact base	E-Cu
Material contact surface	Sn