

Data sheet | Item number: 237-112

PCB terminal block; 2.5 mm<sup>2</sup>; Pin spacing 10 mm; 1-pole; 2,50 mm<sup>2</sup>; gray

237-112



## Data

### Electrical data

#### Ratings per IEC/EN 60664-1

Rated voltage (III / 2)	800 V
Rated impulse voltage (III / 2)	6 kV
Rated current	16 A

### Connection data

Connection technology	Screw clamp connection
Actuation type	Operating tool
Solid conductor	0.5 2.5 mm <sup>2</sup> / 20 14 AWG
Fine-stranded conductor	0.5 2.5 mm <sup>2</sup> / 20 14 AWG
Strip length	5 7 mm / 0.2 0.28 inch
Conductor entry angle to the PCB	0°
Total number of connection points	1
Total number of potentials	1
Number of connection types	1
Number of levels	1
No. of poles	1

### Geometrical Data

Pin spacing	10/10.16 mm / 0.394/0.4 inch
Width	10 mm / 0.394 inch
Height from the surface	11 mm / 0.433 inch
Depth	9 mm / 0.354 inch

### PCB contact

PCB contact	THT
Solder pin arrangement	over the entire terminal strip, in line
Number of solder pins per potential	1

### Material Data

Color	gray
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact plating	tin-plated
Weight	1.26 g

### Environmental Requirements



Limit temperature range	-60 +105 °C
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## Commercial data




Country of origin	IN
GTIN	4044918683203
Customs Tariff No.	85369010000

## Approvals / Certificates


### Radio-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7137
	CCA DEKRA Certification B.V.	EN 60947	2160584.33

### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7137
	CCA DEKRA Certification B.V.	EN 60947	2160584.33
	CSA DEKRA Certification B.V.	C22.2 No. 158	70048844

### Other Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 1059	E45172

### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name



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**Documentation**

**Additional Information**

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
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Subject to changes.