

Data sheet | Item number: 237-146

PCB terminal block; 2.5 mm²; Pin spacing 5 mm; 3-pole; 2,50 mm²; gray



237-146



Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 2)	800 V
Rated impulse voltage (III / 2)	2.5 kV
Rated current	16 A

Connection data

Connection technology	Screw clamp connection
Actuation type	Operating tool
Solid conductor	0.5 2.5 mm ² / 20 14 AWG
Fine-stranded conductor	0.5 2.5 mm ² / 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	3
Total number of potentials	3
Number of connection types	1

Number of levels	1
No. of poles	3

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 _{Cu})
Contact plating	tin-plated
Weight	3.823 g

Environmental Requirements


Limit temperature range	-60 +105 °C
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Commercial data

Country of origin	IN
GTIN	4045454539979
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
	UL UL International Germany GmbH	UL 1059	20190731-E45172

Downloads

Documentation

Additional Information

Technical explanations

Apr 3, 2019

pdf
3.6 MB

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Subject to changes.
