

Data sheet | Item number: 2606-3106/020-000

PCB terminal block; lever; 6 mm²; Pin spacing 7.5 mm; 6-pole; Push-in CAGE CLAMP®



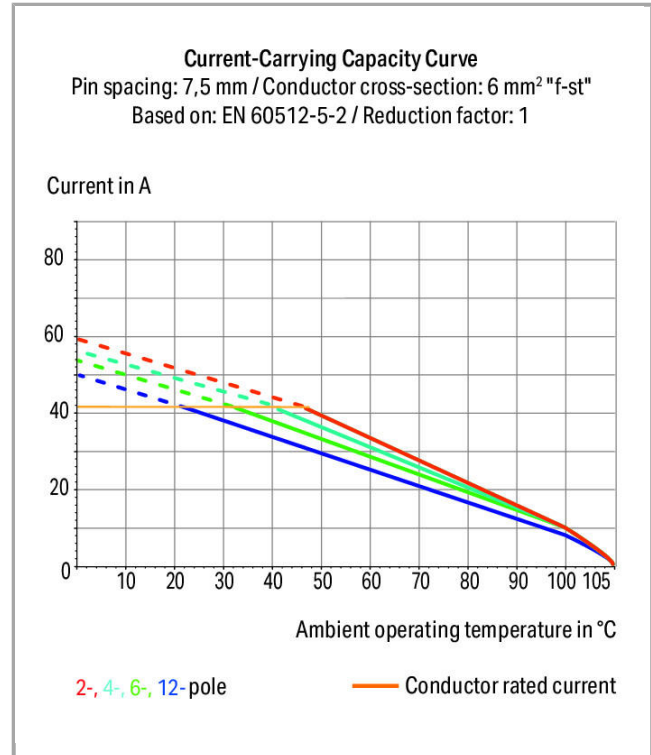
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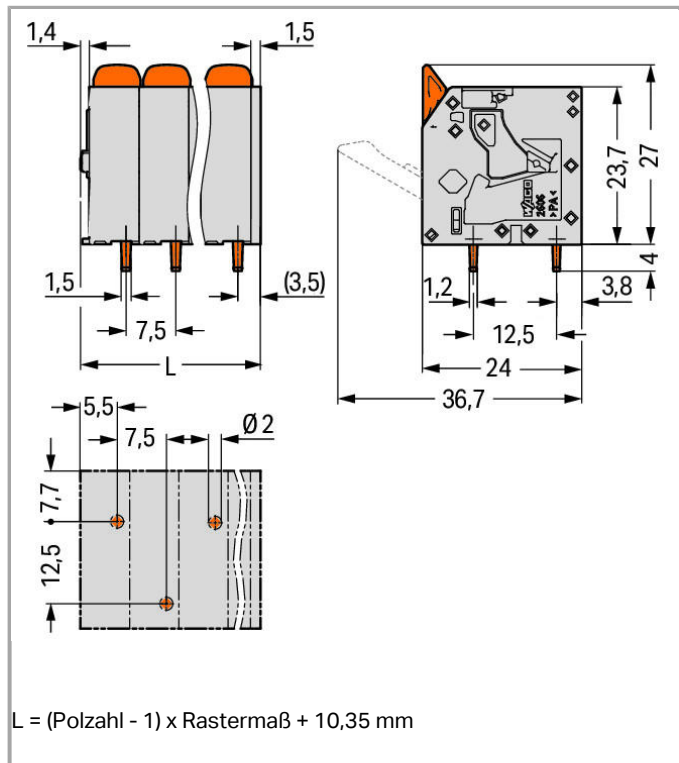


RoHS Compliant

BOMcheck.net

Color: ■





Item description

- PCB terminal blocks with lever-actuated Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Intuitive and tool-free operation
- Several clamping units can be held open simultaneously – convenient for terminating multi-core cables
- Testing can be performed both parallel and perpendicular to conductor entry

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	800 V
Rated impulse voltage (III / 3)	8 kV
Rated voltage (III / 2)	1000 V
Rated impulse voltage (III / 2)	8 kV
Rated voltage (II / 2)	1000 V
Rated impulse voltage (II / 2)	8 kV
Rated current	41 A

Approvals per UL 1059

Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	31 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	31 A

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Lever
Solid conductor	0.2 ... 10 mm ² / 24 ... 8 AWG
Fine-stranded conductor	0.2 ... 10 mm ² / 24 ... 8 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 6 mm ²
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 6 mm ²
Fine-stranded conductor, with twin ferrule	0.25 ... 2.5 mm ²
Strip length	11 ... 13 mm / 0.43 ... 0.51 inch
Conductor entry angle to the PCB	90°
No. of poles	6
Total number of connection points	6
Total number of potentials	6
Number of connection types	1
Number of levels	1

Geometrical Data

Pin spacing	7.5 mm / 0.295 inch
Width	47.85 mm / 1.884 inch
Height	31 mm / 1.22 inch
Height from the surface	27 mm / 1.063 inch
Depth	24 mm / 0.945 inch
Solder pin length	4 mm
Solder pin dimensions	1.5 x 1.2 mm
Drilled hole diameter (tolerance)	2 ^(- ... +0.1) mm

PCB contact

PCB contact	THT
Solder pin arrangement	over the entire terminal strip, staggered
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
Fire load	0 MJ
Actuating element color	orange
Weight	25.254 g

Environmental Requirements



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


Country of origin	DE
GTIN	4055143586658

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	IEC 60947-7-4	NL 49487 /M1
	CSA DEKRA Certification B.V.	C22.2 No. 158	70146882
	KEMA/KEUR DEKRA Certification B.V.	EN 60947-7-4	71-103042

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1059	E45172 Sec. 72



Subject to changes.

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Do you have any questions about our products?
We are always happy to take your call at {0}.