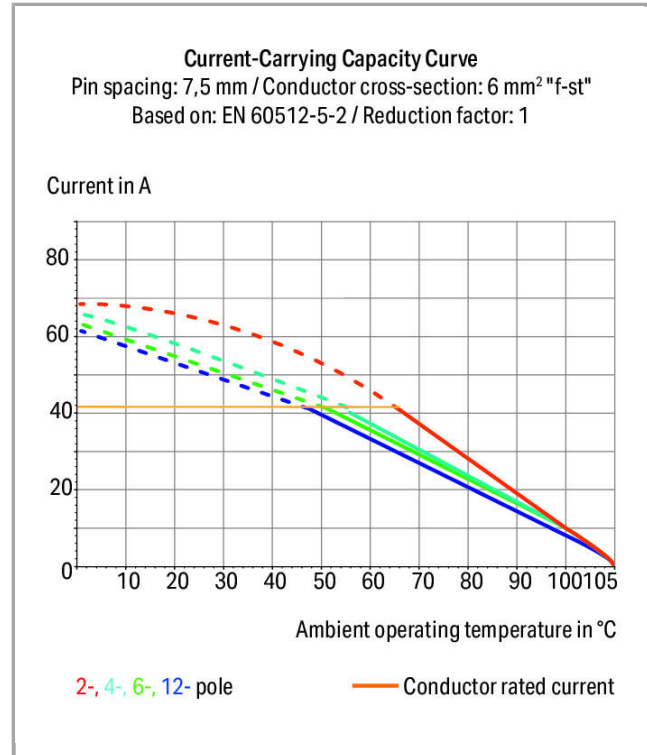


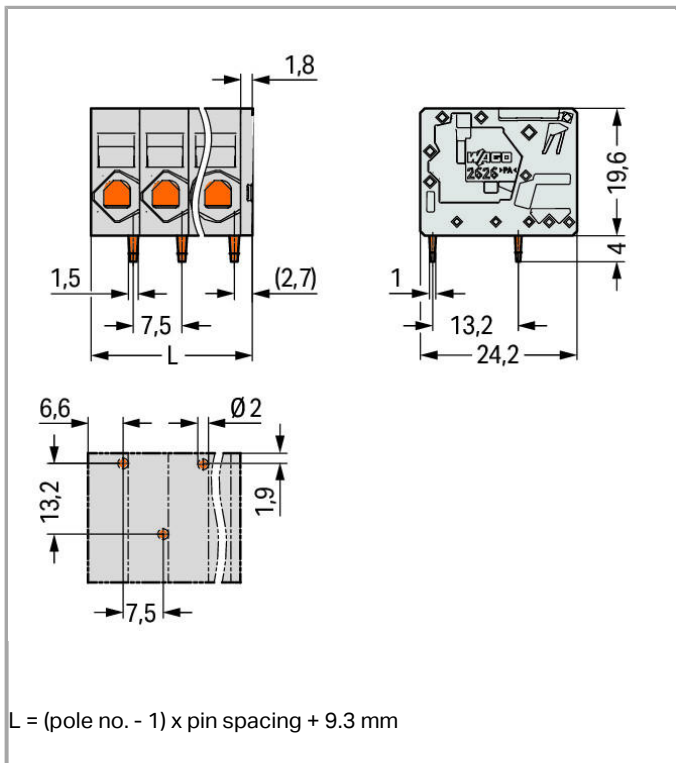
Data sheet | Item number: 2626-1109/020-000

PCB terminal block; 6 mm<sup>2</sup>; Pin spacing 7.5 mm; 9-pole; Push-in CAGE CLAMP®



2626-1109/020-000





### Item description

- PCB terminal blocks with Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Ideal for panel feedthrough applications via operation parallel to conductor entry
- 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	48 A

#### Approvals per UL 1059

Rated voltage UL (Use Group B)	600 V
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Rated current UL (Use Group B)	38 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	38 A

### Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Solid conductor	0.2 ... 10 mm <sup>2</sup> / 24 ... 8 AWG
Fine-stranded conductor	0.2 ... 10 mm <sup>2</sup> / 24 ... 8 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 6 mm <sup>2</sup>
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 6 mm <sup>2</sup>
Fine-stranded conductor, with twin ferrule	0.25 ... 2.5 mm <sup>2</sup>
Strip length	13 ... 15 mm / 0.51 ... 0.59 inch
Conductor entry angle to the PCB	0°
No. of poles	9
Total number of connection points	9
Total number of potentials	9
Number of connection types	1
Number of levels	1

### Geometrical Data

Pin spacing	7.5 mm / 0.295 inch
Width	69.3 mm / 2.728 inch
Height	23.6 mm / 0.929 inch
Height from the surface	19.6 mm / 0.772 inch
Depth	24.2 mm / 0.953 inch
Solder pin length	4 mm
Solder pin dimensions	1.5 x 1 mm
Drilled hole diameter (tolerance)	2 <sup>(- ... +0.1)</sup> mm

### Mechanical data

Type of mounting	Feed-through mounting
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### 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 <sub>Cu</sub> )
Contact plating	tin-plated
Fire load	0 MJ
Weight	35.086 g

## Environmental Requirements



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


Country of origin	DE
GTIN	4055143587211
Customs Tariff No.	85369010000

## Approvals / Certificates

### Country specific Approvals







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

### UL-Approvals


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

## Compatible products

## ferrule

	<b>Item no.: 216-108</b> Ferrule; Sleeve for 6 mm <sup>2</sup> / AWG 10; uninsulated; electro-tin plated	216-108
	<b>Item no.: 216-208</b> Ferrule; Sleeve for 6 mm <sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-208
	<b>Item no.: 216-263</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-263
	<b>Item no.: 216-264</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-264
	<b>Item no.: 216-266</b> Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-266
	<b>Item no.: 216-267</b> Ferrule; Sleeve for 4 mm <sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-267

## tools

	<b>Item no.: 210-721</b> Operating tool with partially insulated shaft; Type 3, blade (5.5 x 0.8) mm	210-721
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## Downloads

## Documentation

## Additional Information

pdf  
3.6 MB

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## CAD/CAE - Smart Data

## CAD data

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URL

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Subject to changes.