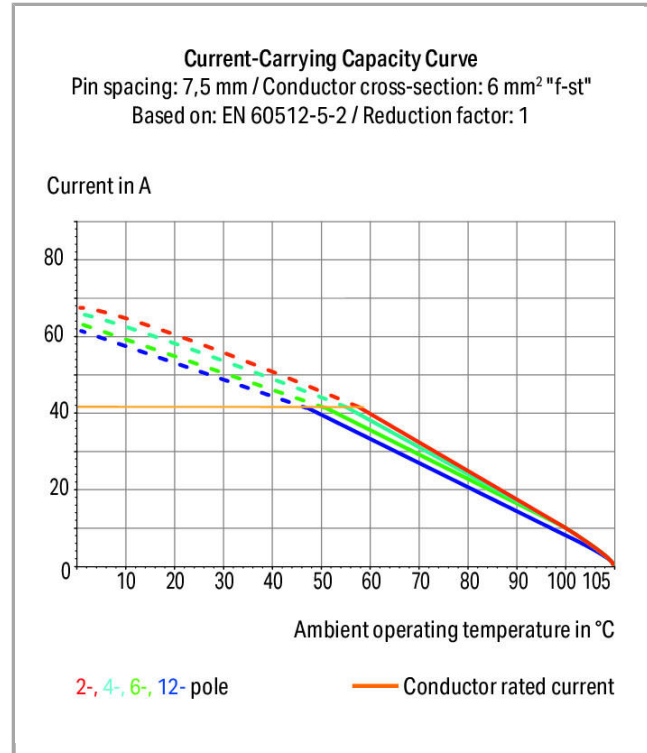
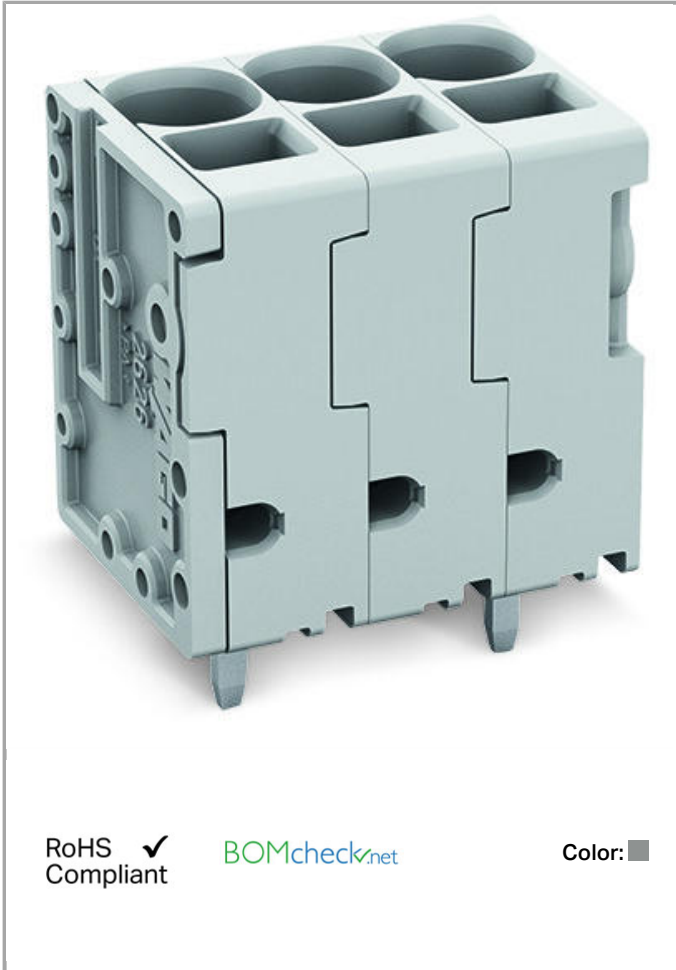


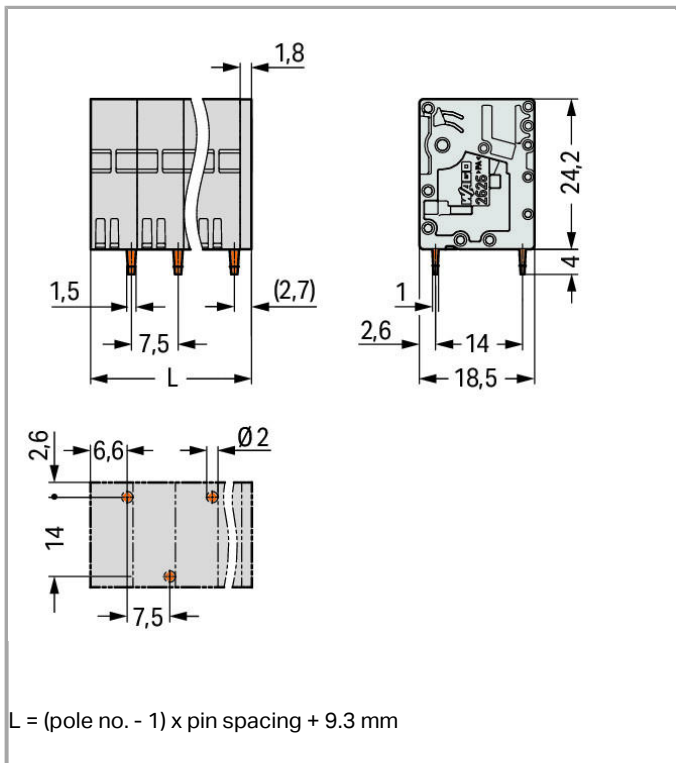
Data sheet | Item number: 2626-3107/020-000

PCB terminal block; 6 mm²; Pin spacing 7.5 mm; 7-pole; Push-in CAGE CLAMP®



2626-3107/020-000





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 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	13 ... 15 mm / 0.51 ... 0.59 inch
Conductor entry angle to the PCB	90°
No. of poles	7
Total number of connection points	7
Total number of potentials	7
Number of connection types	1
Number of levels	1

Geometrical Data

Pin spacing	7.5 mm / 0.295 inch
Width	54.3 mm / 2.138 inch
Height	28.2 mm / 1.11 inch
Height from the surface	24.2 mm / 0.953 inch
Depth	18.5 mm / 0.728 inch
Solder pin length	4 mm
Solder pin dimensions	1.5 x 1 mm
Drilled hole diameter (tolerance)	2 ^(- ... +0.1) 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 _{Cu})
Contact plating	tin-plated
Fire load	0MJ
Weight	26.618 g

Environmental Requirements



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


Country of origin	DE
GTIN	4055143587358
Customs Tariff No.	85369010000

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

Compatible products

tools

**Item no.: 210-721**

Operating tool with partially insulated shaft; Type 3, blade (5.5 x 0.8) mm

210-721

ferrule

**Item no.: 216-108**Ferrule; Sleeve for 6 mm² / AWG 10; uninsulated; electro-tin plated

216-108

**Item no.: 216-208**Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-208

**Item no.: 216-263**Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-263

**Item no.: 216-264**Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-264

**Item no.: 216-266**Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-266

**Item no.: 216-267**Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-267

Downloads

Documentation

Additional Information

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CAD/CAE - Smart Data

CAD data

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Subject to changes.