

Data sheet | Item number: 2626-3102

PCB terminal block; 6 mm²; Pin spacing 7.5 mm; 2-pole; Push-in CAGE

CLAMP®; 6,00 mm²; gray

2626-3102

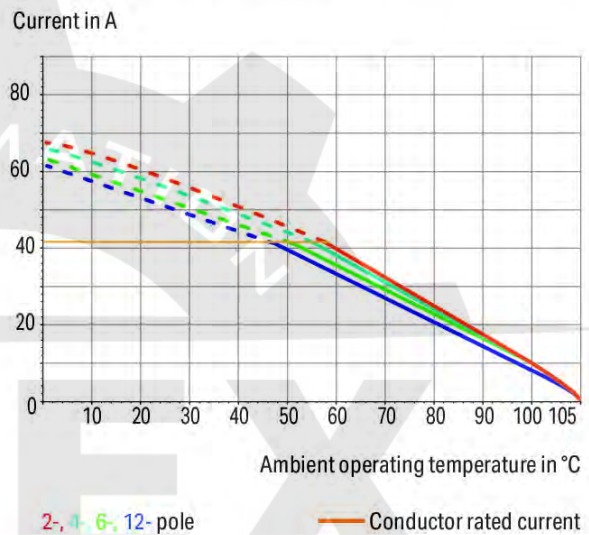


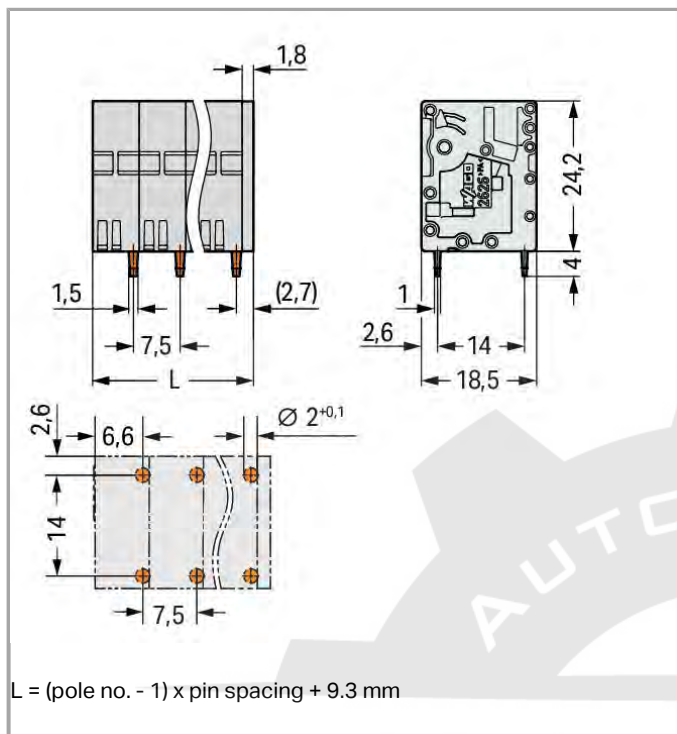
RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color:

Current-Carrying Capacity Curve
Pin spacing: 7,5 mm / Conductor cross-section: 6 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1





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)	630 V
Rated impulse voltage (III / 3)	6 kV
Rated voltage (III / 2)	630 V
Rated impulse voltage (III / 2)	6 kV
Rated voltage (II / 2)	1000 V
Rated impulse voltage (II / 2)	6 kV
Rated current	48 A

Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	38 A

Rated voltage UL (Use Group C)	150 V
Rated current UL (Use Group C)	38 A
Rated voltage UL (Use Group D)	600 V

Connection data

Connection technology	Push-in CAGE CLAMP®		
Actuation type	Operating tool		
Solid conductor	0.2	10 mm² / 24	8 AWG
Fine-stranded conductor	0.2	10 mm² / 24	8 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25	6 mm²	
Fine-stranded conductor with ferrule without plastic collar	0.25	6 mm²	
Fine-stranded conductor, with twin ferrule	0.25	2.5 mm²	
Strip length	13	15 mm / 0.51	0.59 inch
Conductor entry angle to the PCB	90°		
Total number of connection points	2		
Total number of potentials	2		
Number of connection types	1		
Number of levels	1		
No. of poles	2		

Geometrical Data

Pin spacing	7.5 mm / 0.295 inch
Width	16.8 mm / 0.661 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, in line
Number of solder pins per potential	2

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	8.428 g

Environmental Requirements

Limit temperature range	-60 +105 °C
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Commercial data

Country of origin	DE
GTIN	4055143731744
Customs Tariff No.	85369010000

Approvals / Certificates

Radio-Approvals

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

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	IEC 60947-7-4	NL-58082
	CSA DEKRA Certification B.V.	C22.2 No. 158	70146882
	KEMA/KEUR DEKRA Certification B.V.	EN 60947-7-4	71-107864



Other Approvals

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

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; Blade: 5.5 x 0.8 mm; with a partially insulated shaft	210-721
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ferrule



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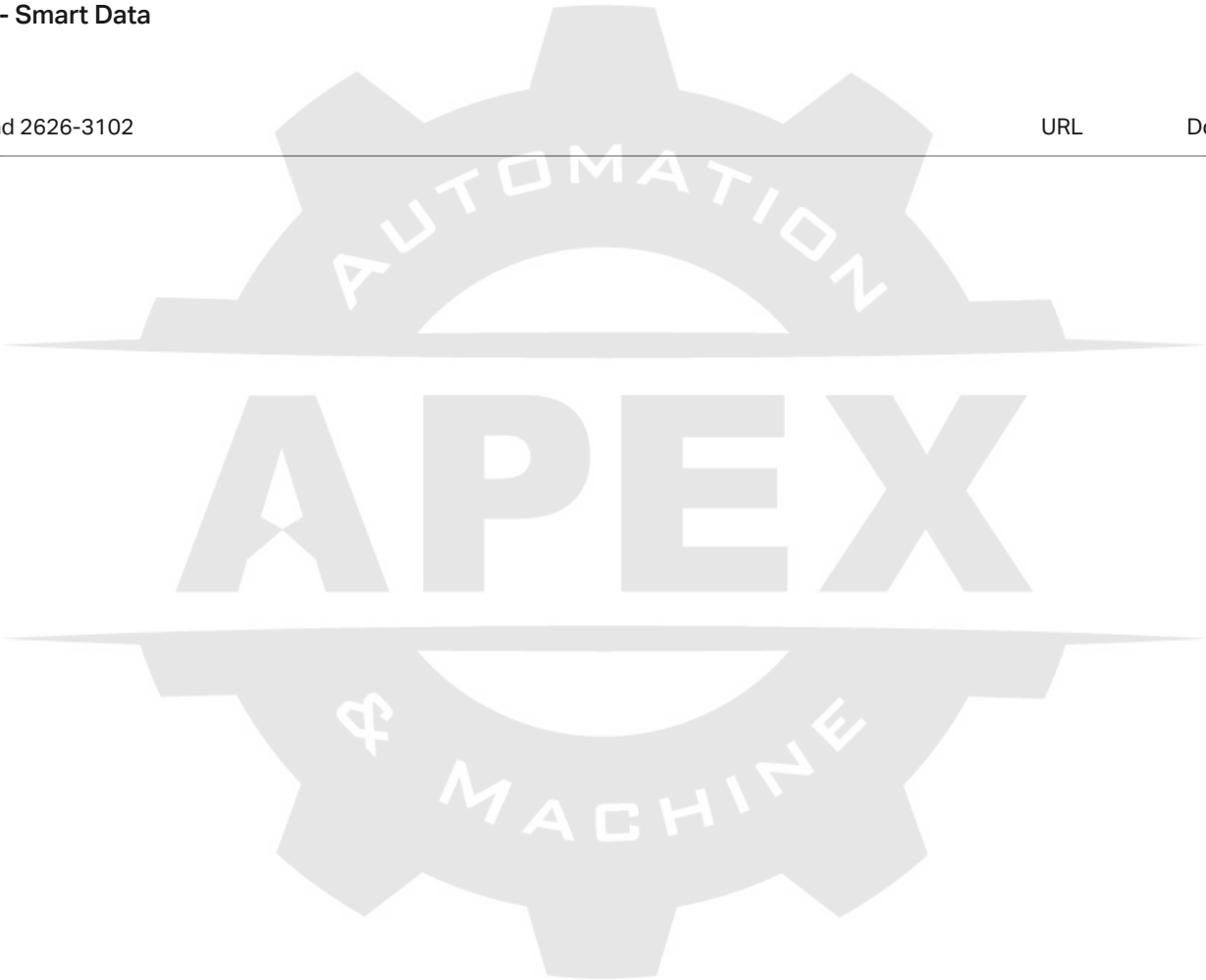
Downloads
Documentation

Additional Information			
Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download

CAD/CAE - Smart Data

CAD data

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Subject to changes.