

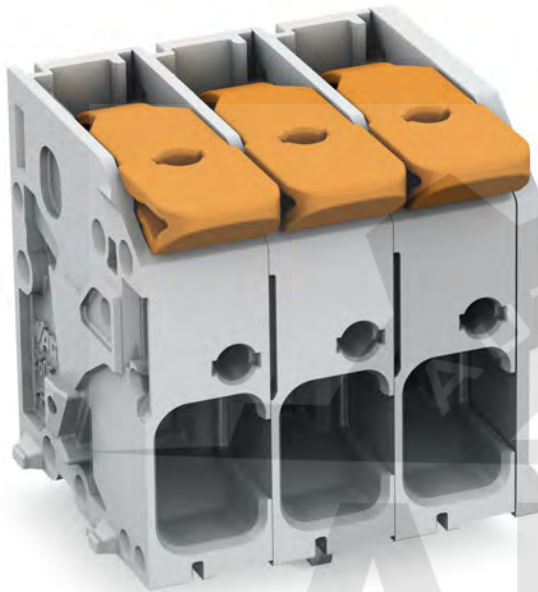
Data sheet | Item number: 2606-1102

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

CLAMP®; 6,00 mm²; gray



2606-1102

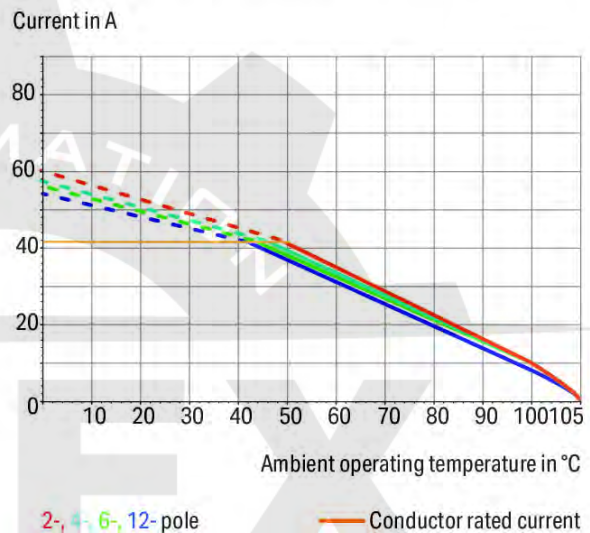


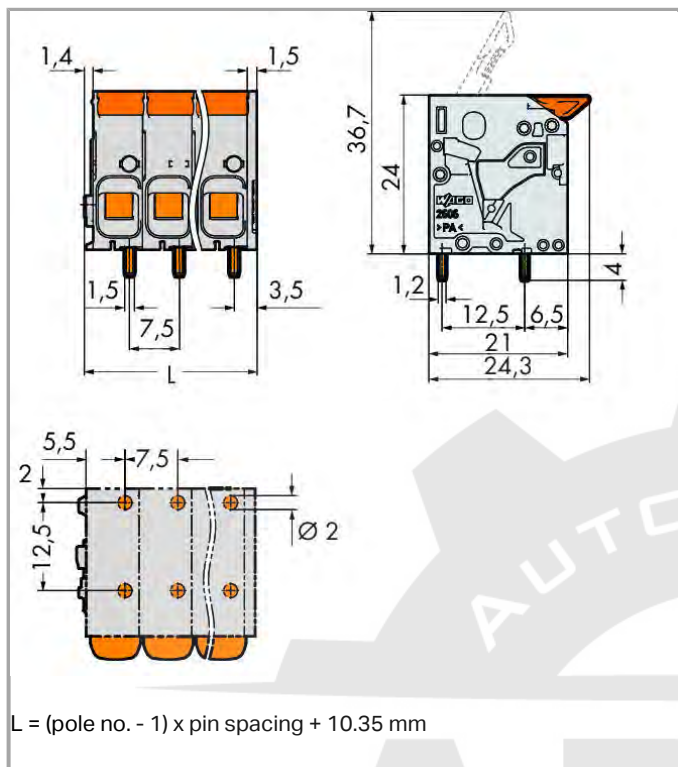
RoHS ☒ Compliant

[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 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)	500 V
Rated impulse voltage (III / 3)	6 kV
Rated voltage (III / 2)	690 V
Rated impulse voltage (III / 2)	6 kV
Rated voltage (II / 2)	1000 V
Rated impulse voltage (II / 2)	6 kV
Rated current	51 A

Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	31 A
Rated voltage UL (Use Group C)	150 V
Rated current UL (Use Group C)	31 A
Rated voltage UL (Use Group D)	300 V

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	0°		
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	17.85 mm / 0.703 inch
Height	28 mm / 1.102 inch
Height from the surface	24 mm / 0.945 inch
Depth	24.3 mm / 0.957 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
Actuating element color	orange
Weight	8.363 g

Environmental Requirements

Limit temperature range	-60 +105 °C
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Commercial data

Country of origin	DE
GTIN	4055143668224
Customs Tariff No.	85369010000

Approvals / Certificates

Radio-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

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	20190518- E45172

Compatible products

ferrule

	Item no.: 216-108 Ferrule; Sleeve for 6 mm ² / AWG 10; uninsulated; electro-tin plated	216-108
	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
	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
	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
	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
	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

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
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Subject to changes.
