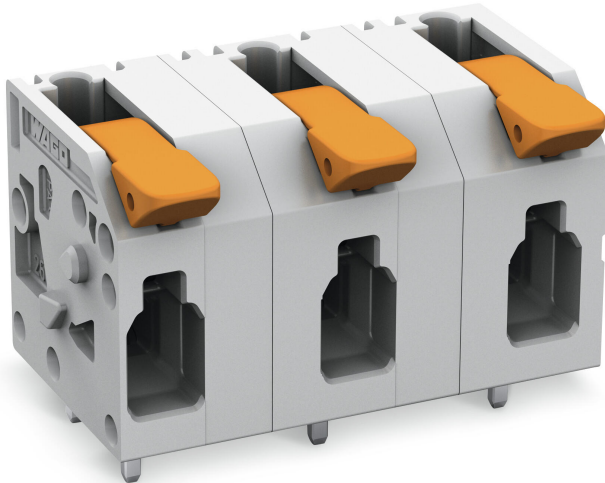


Data sheet | Item number: 2604-1504

PCB terminal block; lever; 4 mm²; Pin spacing 11.5 mm; 4-pole; Push-in
CAGE CLAMP®; 4,00 mm²; gray

www.wago.com/2604-1504



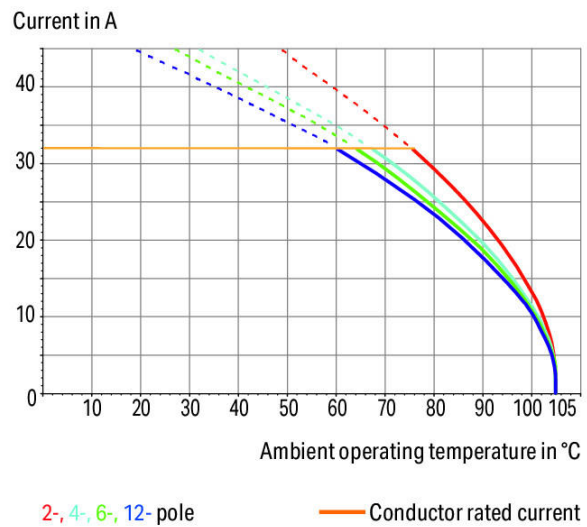
RoHS
Compliant

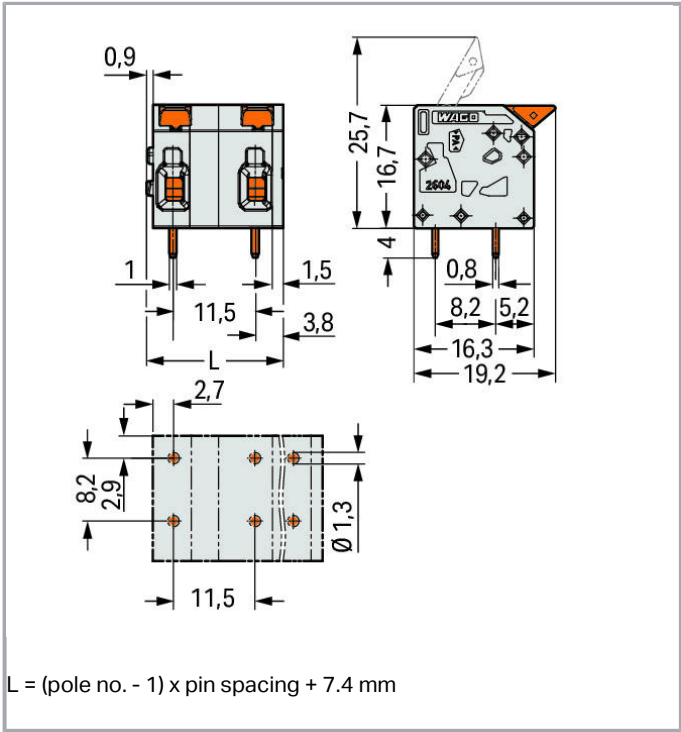


BOMcheck.net

Color: ■

Current-Carrying Capacity Curve
Pin spacing: 5 mm / Conductor cross-section: 4 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1





Item description

- PCB terminal strips 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)	1000 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	32 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

Approvals per UL 1059

Rated voltage UL (Use Group B)	600 V
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Rated current UL (Use Group B)	20 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	20 A

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Lever
Solid conductor	0.2 ... 4 mm² / 24 ... 12 AWG
Fine-stranded conductor	0.2 ... 4 mm² / 24 ... 12 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 2.5 mm²
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 2.5 mm²
Fine-stranded conductor, with twin ferrule	0.25 ... 1.5 mm²
Strip length	9 ... 11 mm / 0.35 ... 0.43 inch
Conductor entry angle to the PCB	0°
No. of poles	4
Total number of connection points	4
Total number of potentials	4
Number of connection types	1
Number of levels	1

Geometrical Data

Pin spacing	11.5 mm / 0.453 inch
Width	41.9 mm / 1.65 inch
Height	20.7 mm / 0.815 inch
Height from the surface	16.7 mm / 0.657 inch
Depth	19.2 mm / 0.756 inch
Solder pin length	4 mm
Solder pin dimensions	0.8 x 1 mm
Drilled hole diameter (tolerance)	1.3 ^(- ... +0.1) mm

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
Actuating element color	orange
Weight	9.417 g

Environmental Requirements

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

Packaging type	BOX
Country of origin	DE
GTIN	4055143564601
Customs Tariff No.	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	EN 60947-7-4	NL-47057
	CSA DEKRA Certification B.V.	C22.2 No. 158	70117145
	KEMA/KEUR DEKRA Certification B.V.	EN 60947-7-4	71-100535

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1059	E45172 sec. 71

Compatible products

ferrule

**Item no.: 216-106**Ferrule; Sleeve for 2.5 mm² / AWG 14; uninsulated; electro-tin platedwww.wago.com/216-106**Item no.: 216-241**Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; whitewww.wago.com/216-241**Item no.: 216-242**Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; graywww.wago.com/216-242**Item no.: 216-243**Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; redwww.wago.com/216-243**Item no.: 216-244**Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blackwww.wago.com/216-244**Item no.: 216-246**Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; bluewww.wago.com/216-246**Downloads****Documentation****Additional Information**

Technical explanations

Apr 3, 2019

pdf
3.6 MB[Download](#)**CAD/CAE-Data****CAD data**

2D/3D Models 2604-1504

[URL](#)[Download](#)**PCB**

Symbol and Footprint 2604-1504

[URL](#)[Download](#)**Handling Instructions**

Subject to changes.

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