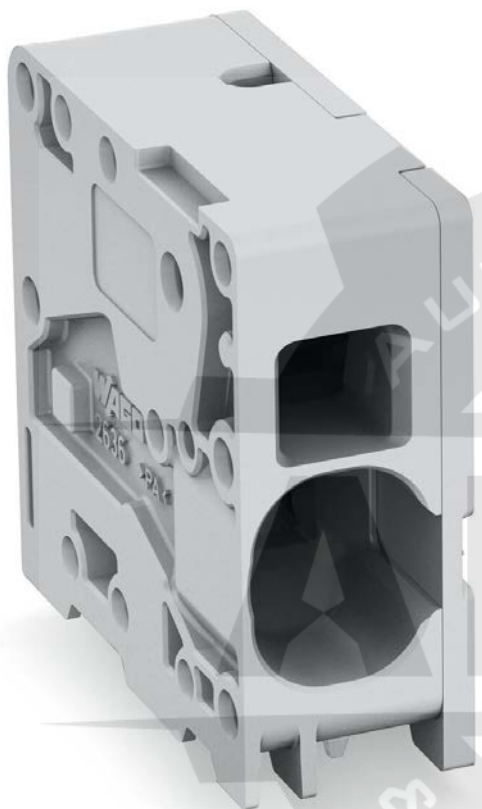


Data sheet | Item number: 2636-1101/000-014

PCB terminal block; 16 mm²; Pin spacing 10 mm; 1-pole; Push-in CAGE

CLAMP®; 16,00 mm²; brown

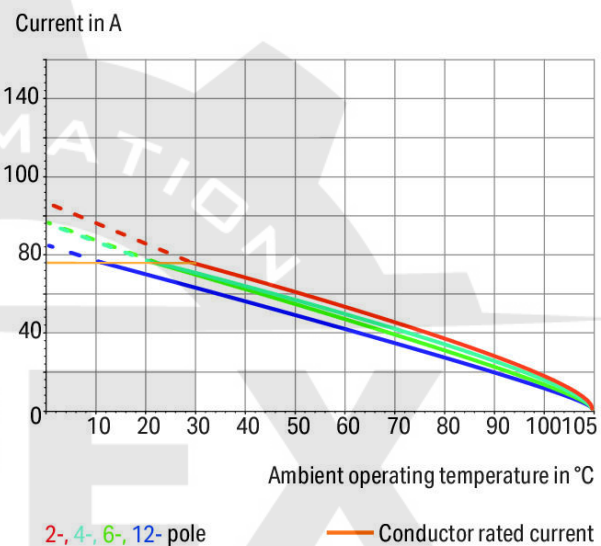
www.wago.com/2636-1101_000-014



 Picture differs from the item.

Color: 

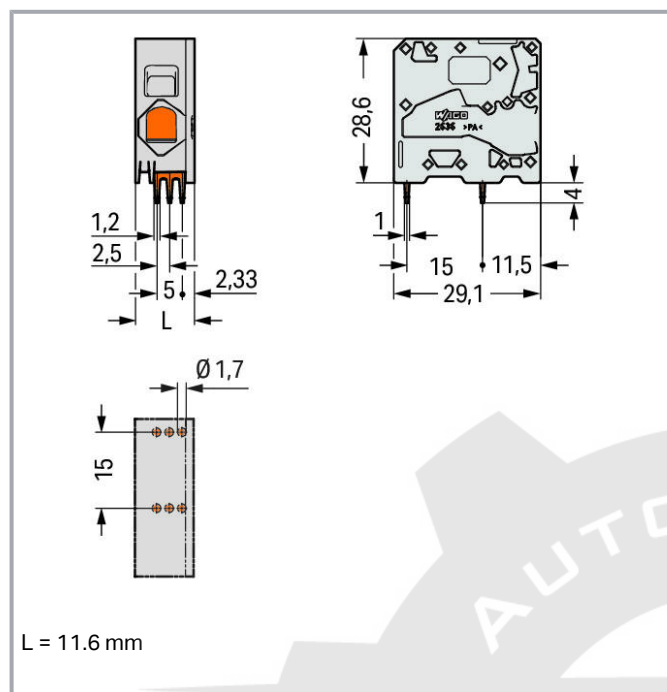
Current-Carrying Capacity Curve
Pin spacing: 10 mm / Conductor cross-section: 16 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



Subject to changes. Please also observe the further product documentation!

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Item description

- PCB terminal strips 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

IEC Approvals

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	1000 V
Rated surge voltage (III/3)	8 kV
Rated voltage (III/2)	1000 V
Rated surge voltage (III/2)	8 kV
Nominal voltage (II/2)	1000 V
Rated surge voltage (II/2)	8 kV
Rated current	76 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

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UL Approvals

Rated voltage UL (Use Group B)	600 V
Rated voltage UL (Use Group C)	600 V

CSA Approvals

Approvals per	CSA
Rated voltage CSA (Use Group B)	600 V
Rated current CSA (Use Group B)	66 A
Rated voltage CSA (Use Group C)	1000 V
Rated current CSA (Use Group C)	66 A

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Solid conductor	0.75 ... 16 mm ² / 18 ... 4 AWG
Fine-stranded conductor	0.75 ... 25 mm ² / 18 ... 4 AWG
Fine-stranded conductor; with insulated ferrule	0.75 ... 16 mm ²
Fine-stranded conductor; with uninsulated ferrule	0.75 ... 16 mm ²
Fine-stranded conductor; with twin ferrule	0.75 ... 6 mm ²
Strip length	18 ... 20 mm / 0.71 ... 0.79 inch
Conductor connection direction to PCB	0°
Pole No.	1
Total number of connection points	1
Total number of potentials	1
Number of connection types	1
Number of levels	1

Physical data

Pin spacing	10 mm / 0.394 inch
Width	11.6 mm / 0.457 inch
Height	32.6 mm / 1.283 inch
Height from the surface	28.6 mm / 1.126 inch
Depth	29.1 mm / 1.146 inch
Solder pin length	4 mm
Solder pin dimensions	1.2 x 1 mm

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Drilled hole diameter with tolerance	1.7 (+0.1) mm
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Mechanical data

Mounting type	Feed-through mounting
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PCB contact

PCB Contact	THT
Solder pin arrangement	Within the terminal block (in-line)
Number of solder pins per potential	3

Material data

Color	brown
Material group	I
Insulation material	Polyamide (PA66)
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	0.134 MJ
Weight	9.8 g

Environmental requirements

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

Packaging type	BOX
Country of origin	PL
GTIN	4055144076455
Customs tariff number	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	EN 60947-7-4	NL-61617

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CSA
DEKRA Certification B.V.

C22.2

70154737




KEMA/KEUR
DEKRA Certification B.V.

EN 60947-7-4







71-
110774

UL-Approvals


Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	C22.2 No. 158	E45172

Optional accessories

Ferrules

	Item no.: 216-210 Ferrule; Sleeve for 16 mm ² / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue www.wago.com/216-210
	Item no.: 216-284 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 www.wago.com/216-284
	Item no.: 216-286 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 www.wago.com/216-286
	Item no.: 216-287 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 www.wago.com/216-287
	Item no.: 216-288 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 www.wago.com/216-288
	Item no.: 216-289 Ferrule; Sleeve for 10 mm ² / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red www.wago.com/216-289

Tools

	Item no.: 210-721 Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft; multicoloured www.wago.com/210-721
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Subject to changes. Please also observe the further product documentation!

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Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.0 MB	Download
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CAD files

CAE data

ZUKEN Portal 2636-1101/000-014	URL	Download
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CAD data

2D/3D Models 2636-1101/000-014	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2636-1101/000-014	URL	Download
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PCB terminal block; 16 mm²; Pin spacing 10 mm; 1-pole; Push-in CAGE CLAMP®;
16,00 mm²; brown

Installation Notes

Conductor termination



Insert fine-stranded conductors and remove
all conductors via operating tool

Conductor termination

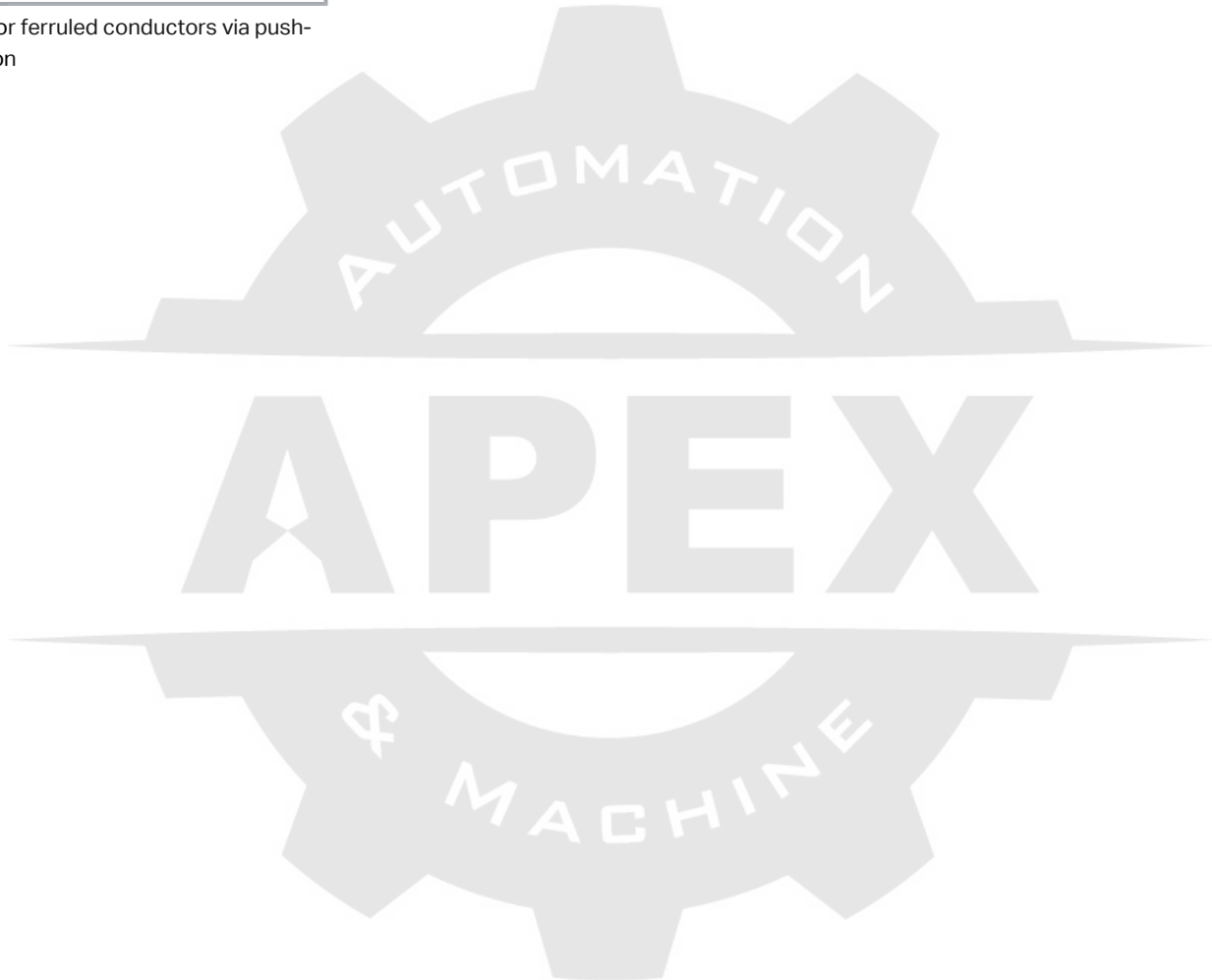
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Insert solid or ferruled conductors via push-in termination



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