

Data sheet | Item number: 2716-255

PCB terminal block; lever; 16 mm²; Pin spacing 15 mm; 5-pole; CAGE

CLAMP®; commoning option



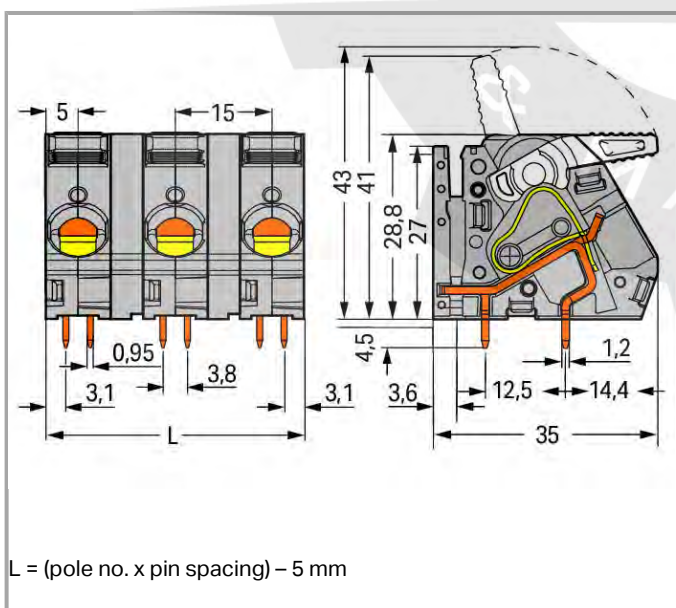
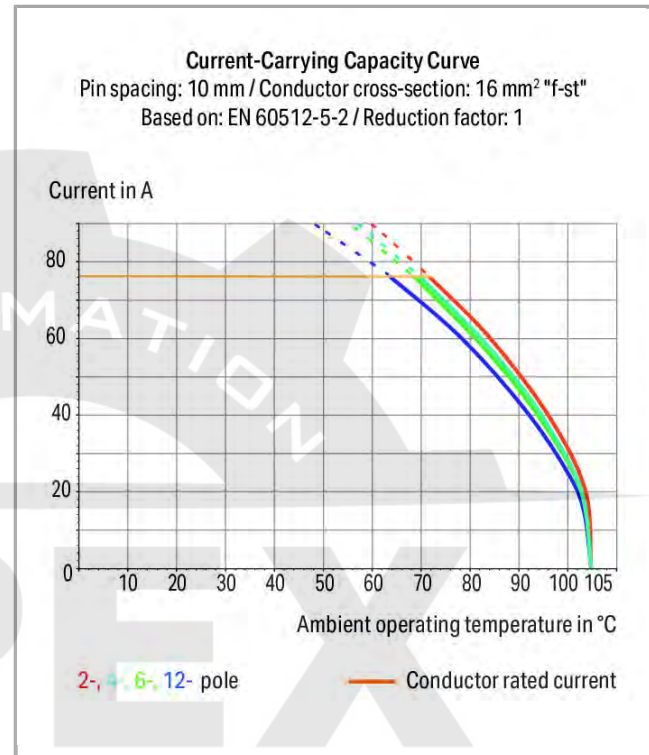
2716-255



RoHS
Compliant ✓

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

Color: ■



Item description

- High-current terminal strips with lever-actuated CAGE CLAMP®
- Tool-free opening and closing – fingers open/close levers
- Several clamping units can be held open simultaneously – convenient for terminating multi-core cables
- Four solder pins per contact point for high mechanical stability
- 600V UL for 15mm pin spacing
- Versions with commoning option for distributing potentials

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	76 A

Approvals per UL 1059

Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	65 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	65 A

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Lever
Solid conductor	1.5 ... 16 mm ² / 16 ... 6 AWG
Fine-stranded conductor	1.5 ... 16 mm ² / 16 ... 6 AWG
Fine-stranded conductor with ferrule with plastic collar	1.5 ... 10 mm ²
Fine-stranded conductor with ferrule without plastic collar	1.5 ... 10 mm ²
Strip length	12 ... 13 mm / 0.47 ... 0.51 inch
Conductor entry angle to the PCB	30°
No. of poles	5
Total number of connection points	5
Total number of potentials	5
Number of connection types	1
Number of levels	1
Number of jumper slots	1

Geometrical Data

Pin spacing	15 mm / 0.591 inch
Width	71.5 mm / 2.815 inch
Height	33.3 mm / 1.311 inch
Height from the surface	28.8 mm / 1.134 inch
Depth	35 mm / 1.378 inch
Solder pin length	4.5 mm
Solder pin dimensions	0.95 x 1.2 mm
Drilled hole diameter (tolerance)	1.6 ^(-...+0.1) mm

PCB contact

PCB contact	THT
Solder pin arrangement	over the entire terminal strip, in line
Number of solder pins per potential	4

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	1.196 MJ
Weight	62.587 g

Environmental Requirements

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

Commercial data

Product Group	4 (Printed Circuit)
Country of origin	PL
GTIN	4045454739515
Customs Tariff No.	85369010000

Approvals / Certificates

Country specific Approvals

Certificate

Logo	Approval	Additional Approval Text	name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7131
	CSA DEKRA Certification B.V.	C22.2	1132097
	CSA DEKRA Certification B.V.	C22.2 No. 158	1132097
	ENEC DEKRA Certification B.V.	EN 60947	2160584.29

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1059	E45172, sec. 6

Compatible products

check

	Item no.: 210-136 Test plug; 2 mm Ø; with 500 mm cable	210-136
--	---	---------

ferrule

	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated	216-104
	Item no.: 216-106 Ferrule; Sleeve for 2.5 mm ² / AWG 14; uninsulated; electro-tin plated	216-106
	Item no.: 216-107 Ferrule; Sleeve for 4 mm ² / AWG 12; uninsulated; electro-tin plated	216-107
	Item no.: 216-108 Ferrule; Sleeve for 6 mm ² / AWG 10; uninsulated; electro-tin plated	216-108
	Item no.: 216-109 Ferrule; Sleeve for 10 mm ² / AWG 8; uninsulated; electro-tin plated	216-109

	Item no.: 216-124 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated	216-124
	Item no.: 216-144 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	216-144
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated	216-204
	Item no.: 216-205 Ferrule; Sleeve for 2.08 mm ² / AWG 14; insulated; electro-tin plated	216-205
	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated	216-206
	Item no.: 216-207 Ferrule; Sleeve for 4 mm ² / AWG 12; insulated; electro-tin plated	216-207
	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	216-208
	Item no.: 216-209 Ferrule; Sleeve for 10 mm ² / AWG 8; insulated; electro-tin plated	216-209
	Item no.: 216-224 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated	216-224
	Item no.: 216-244 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	216-244
	Item no.: 216-246 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	216-246
	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	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	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	216-267
	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	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	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	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	216-288
	Item no.: 216-289	



Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped;
acc. to DIN 46228, Part 4/09.90

216-289

Jumper**Item no.: 745-631**

Comb-style jumper bar; 2-way (1-3)

745-631

**Item no.: 745-632**

Comb-style jumper bar; 2-way

745-632

**Item no.: 745-633**

Comb-style jumper bar; 3-way

745-633

**Item no.: 745-634**

Comb-style jumper bar; 4-way

745-634

**Item no.: 745-635**

Comb-style jumper bar; 5-way

745-635

Downloads**Documentation****Additional Information**pdf
3.6 MB[Download](#)**CAD/CAE - Smart Data****CAD data**

3D Download 2716-255

[URL](#)[Download](#)

Subject to changes.