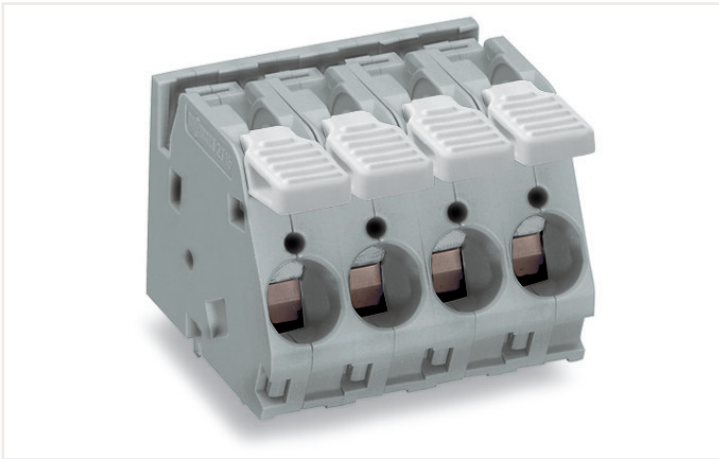


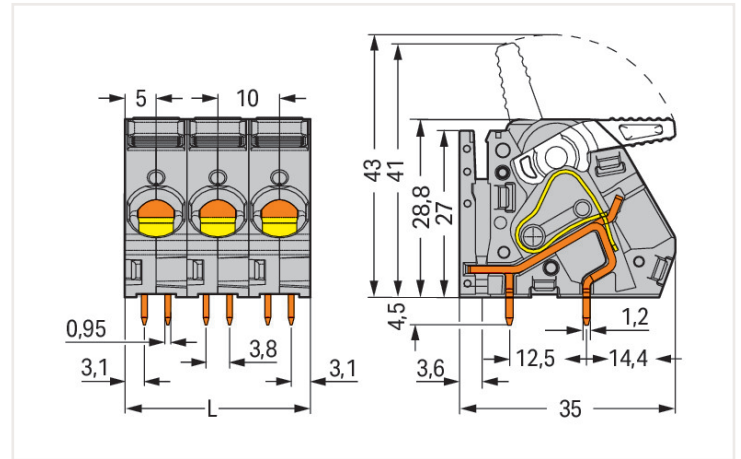
Data sheet | Item number: 2716-152/000-016

PCB terminal block; lever; 16 mm²; Pin spacing 10 mm; 2-pole; CAGE CLAMP®; commoning option; 16,00 mm²; green-yellow

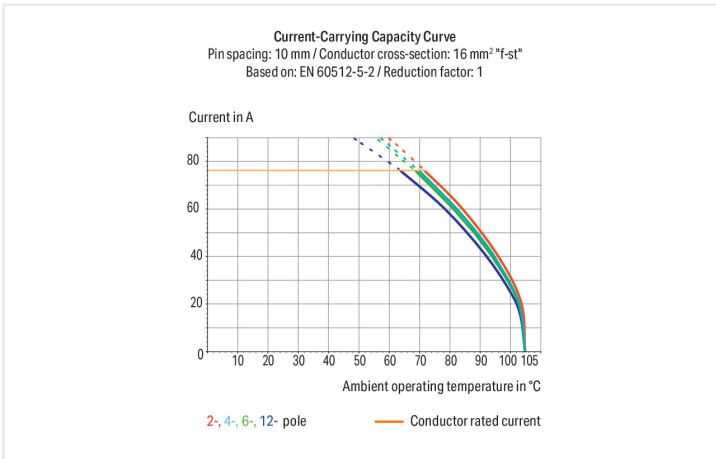
<https://www.wago.com/2716-152/000-016>



Color: ■ green-yellow



Dimensions in mm
L = pole no. x pin spacing



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

Notes

Variants:

Other pole numbers
Other colors
Mixed-color PCB connector strips
Direct marking
Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	320 V
Rated impulse voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated impulse voltage (III/2)	4 kV
Nominal voltage (II/2)	630 V
Rated surge voltage (II/2)	4 kV
Rated current	76 A
Legend (ratings)	(III / 2) \triangleq Overvoltage category III / Pollution degree 2

Ratings per UL

Approvals per	UL 1059
Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	55 A
Rated voltage UL (Use Group C)	150 V
Rated current UL (Use Group C)	55 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A

Connection data

Total number of connection points	2
Total number of potentials	2
Number of connection types	1
Number of levels	1
Number of jumper slots	1

Connection 1

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 insulated ferrule	1.5 ... 10 mm ²
Fine-stranded conductor; with uninsulated ferrule	1.5 ... 10 mm ²
Strip length	12 ... 13 mm / 0.47 ... 0.51 inch
Conductor connection direction to PCB	30 °
Pole number	2

Physical data

Pin spacing	10 mm / 0.394 inch
Width	21.5 mm / 0.846 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 with 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

Note (material data)	Information on material data can be found here
Color	green-yellow
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
Fire load	0.379 MJ
Weight	20.9 g

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

Commercial data	
PU (SPU)	52 Pieces
Packaging type	Box
Country of origin VKOrg Germany	PL
GTIN	4055144112207
Customs tariff number VKOrg Germany	8536901000

Approvals and certificates

Country specific Approvals			UL-Approvals		
 					
Approval	Standard	Certificate name	Approval	Standard	Certificate name
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7131	cURus Underwriters Laboratories Inc.	UL 1059	E45172
ENEC DEKRA Certification B.V.	EN 60947	2160584.29			

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 2716-152/000-016

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 1949.09 KB	↓

CAD/CAE-Data

CAD data
2D/3D Models 2716-152/000-016

CAE data
ZUKEN Portal 2716-152/000-016

1 Compatible products

1.1 Optional accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

<p>Item no.: 216-204 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black</p>	<p>Item no.: 216-224 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black</p>	<p>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; black</p>	<p>Item no.: 216-264 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black</p>
<p>Item no.: 216-284 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black</p>	<p>Item no.: 216-124 Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated</p>	<p>Item no.: 216-144 Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored</p>	<p>Item no.: 216-104 Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; silver-colored</p>
<p>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; red</p>	<p>Item no.: 216-209 Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; red</p>	<p>Item no.: 216-109 Ferrule; Sleeve for 10 mm² / AWG 8; un-insulated; electro-tin plated</p>	<p>Item no.: 216-205 Ferrule; Sleeve for 2.08 mm² / AWG 14; insulated; electro-tin plated; yellow</p>
<p>Item no.: 216-206 Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue</p>	<p>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; blue</p>	<p>Item no.: 216-266 Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue</p>	<p>Item no.: 216-286 Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue</p>
<p>Item no.: 216-106 Ferrule; Sleeve for 2.5 mm² / AWG 14; un-insulated; electro-tin plated; silver-colored</p>	<p>Item no.: 216-267 Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray</p>	<p>Item no.: 216-287 Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray</p>	<p>Item no.: 216-207 Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; gray</p>
<p>Item no.: 216-107 Ferrule; Sleeve for 4 mm² / AWG 12; un-insulated; electro-tin plated</p>	<p>Item no.: 216-208 Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow</p>	<p>Item no.: 216-288 Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow</p>	<p>Item no.: 216-108 Ferrule; Sleeve for 6 mm² / AWG 10; un-insulated; electro-tin plated; silver-colored</p>

1.1.2 Jumper

1.1.2.1 Jumper

<p>Item no.: 745-582 Jumper; 2-way; silver-colored</p>	<p>Item no.: 745-682 Jumper; 2-way; unplated; silver-colored</p>	<p>Item no.: 745-583 Jumper; 3-way; silver-colored</p>	<p>Item no.: 745-584 Jumper; 4-way; unplated; silver-colored</p>
<p>Item no.: 745-585 Jumper; 5-way; unplated; silver-colored</p>			

1.1.3 Test and measurement

1.1.3.1 Testing accessories

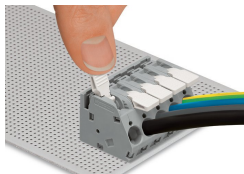


Item no.: 210-136

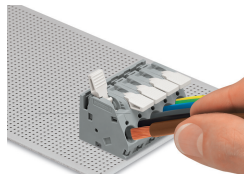
Test plug; 2 mm Ø; with 500 mm cable; red

Installation notes

Conductor termination

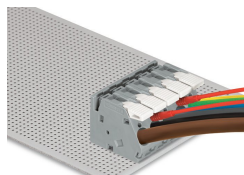


To open the clamping unit, pull the operating lever all the way back — 2706 and 2716 Series.



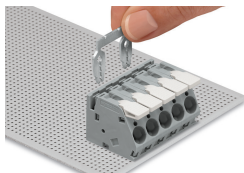
Inserting/removing a conductor – 2706 and 2716 Series.

Testing

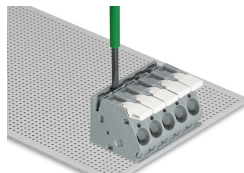


Testing with test plug – 2706 and 2716 Series.

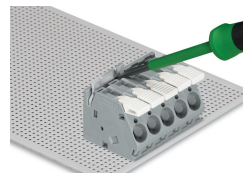
Commoning



Inserting a comb-style jumper bar.



Push jumper bar down firmly using a screwdriver until it hits the backstop – 2706 and 2716 Series.



To remove the comb-style jumper bar, lift it up using a screwdriver – 2706 and 2716 Series.