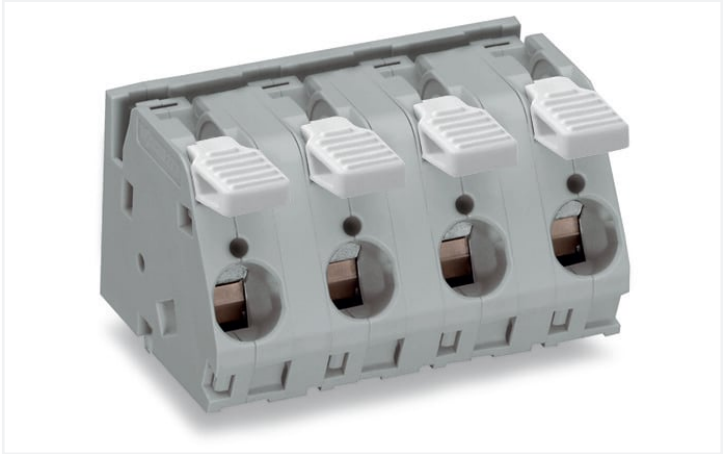


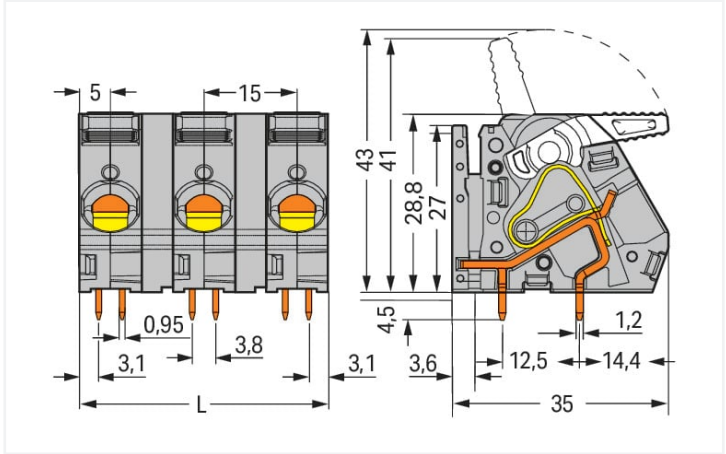
Data Sheet | Item Number: 2716-254

PCB terminal block; lever; 16 mm²; Pin spacing 15 mm; 4-pole; CAGE CLAMP®; commoning option; 16,00 mm²; gray

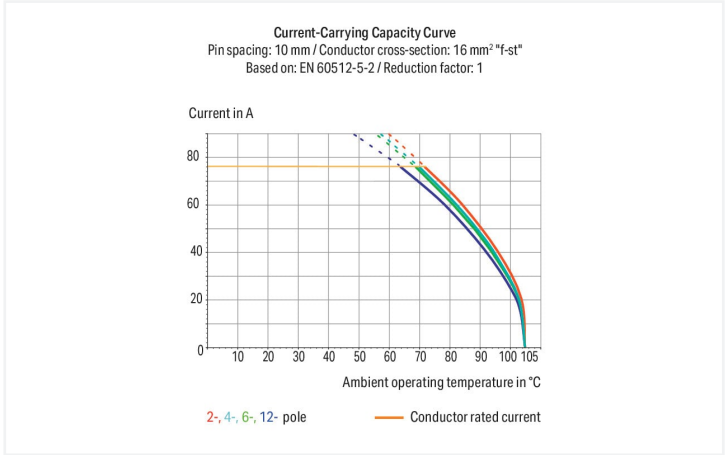
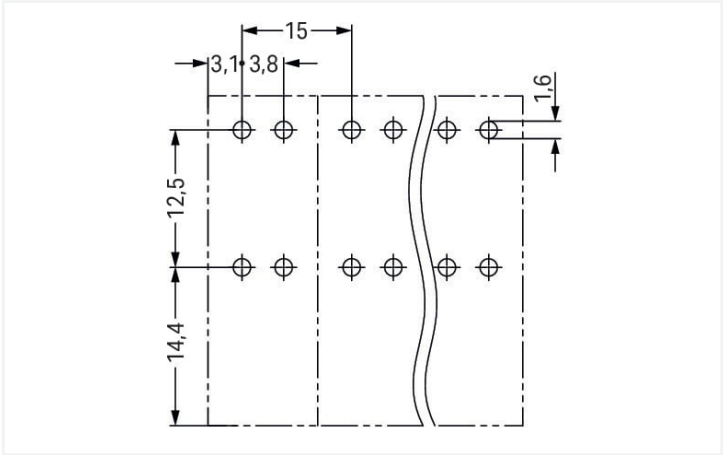
<https://www.wago.com/2716-254>



Color: ■ gray



Dimensions in mm
L = (pole no. x pin spacing) – 5 mm



- 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, simplifying the connection of multi-core cables
- Four solder pins per contact point for 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 60664-1	
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	800 V	1000 V	1000 V
Rated surge voltage	8 kV	8 kV	8 kV
Rated current	76 A	76 A	76 A

Approvals per		UL 1059		
Use group	B	C	D	
Rated voltage	600 V	600 V	-	
Rated current	65 A	65 A	-	



Connection data																				
Connection points	4	Connection 1 <table><tr><td>Connection technology</td><td>CAGE CLAMP®</td></tr><tr><td>Actuation type</td><td>Lever</td></tr><tr><td>Solid conductor</td><td>1.5 ... 16 mm² / 16 ... 6 AWG</td></tr><tr><td>Fine-stranded conductor</td><td>1.5 ... 16 mm² / 16 ... 6 AWG</td></tr><tr><td>Fine-stranded conductor; with insulated ferrule</td><td>1.5 ... 10 mm²</td></tr><tr><td>Fine-stranded conductor; with uninsulated ferrule</td><td>1.5 ... 10 mm²</td></tr><tr><td>Strip length</td><td>12 ... 13 mm / 0.47 ... 0.51 inches</td></tr><tr><td>Conductor connection direction to PCB</td><td>30 °</td></tr><tr><td>Pole number</td><td>4</td></tr></table>	Connection technology	CAGE CLAMP®	Actuation type	Lever	Solid conductor	1.5 ... 16 mm² / 16 ... 6 AWG	Fine-stranded conductor	1.5 ... 16 mm² / 16 ... 6 AWG	Fine-stranded conductor; with insulated ferrule	1.5 ... 10 mm²	Fine-stranded conductor; with uninsulated ferrule	1.5 ... 10 mm²	Strip length	12 ... 13 mm / 0.47 ... 0.51 inches	Conductor connection direction to PCB	30 °	Pole number	4
Connection technology	CAGE CLAMP®																			
Actuation type	Lever																			
Solid conductor	1.5 ... 16 mm² / 16 ... 6 AWG																			
Fine-stranded conductor	1.5 ... 16 mm² / 16 ... 6 AWG																			
Fine-stranded conductor; with insulated ferrule	1.5 ... 10 mm²																			
Fine-stranded conductor; with uninsulated ferrule	1.5 ... 10 mm²																			
Strip length	12 ... 13 mm / 0.47 ... 0.51 inches																			
Conductor connection direction to PCB	30 °																			
Pole number	4																			
Total number of potentials	4																			
Number of connection types	1																			
Number of levels	1																			
Number of jumper slots	1																			

Physical data		
Pin spacing	15 mm / 0.591 inches	
Width	55 mm / 2.165 inches	
Height	33.3 mm / 1.311 inches	
Height from the surface	28.8 mm / 1.134 inches	
Depth	35 mm / 1.378 inches	
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 specifications can be found here	
Color	gray	
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	0.986 MJ	
Weight	49.5 g	



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

Commercial data	
Product Group	4 (Printed Circuit Connectors)
eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	27-44-04-01
ETIM 8.0	EC002643
ETIM 7.0	EC002643
PU (SPU)	16 pcs
Packaging type	Box
Country of origin	PL
GTIN	4045454739508
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7131
CSA DEKRA Certification B.V.	C22.2,C22.2 No. 158	1132097
cURus Underwriters Laboratories Inc.	UL 1059	E45172
KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-117512

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 2716-254





Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 2010.85 KB	
CAD/CAE-Data			
CAD data		CAE data	
2D/3D Models 2716-254		ZUKEN Portal 2716-254	
1 Compatible Products			
1.1 Optional Accessories			
1.1.1 Ferrule			
1.1.1.1 Ferrule			
Item No.: 216-204 Ferrule; Sleeve for 1.5 mm² / AWG 16; in- sulated; electro-tin plated; black	Item No.: 216-224 Ferrule; Sleeve for 1.5 mm² / AWG 16; in- sulated; electro-tin plated; black	Item No.: 216-244 Ferrule; Sleeve for 1.5 mm² / AWG 16; in- sulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	Item No.: 216-264 Ferrule; Sleeve for 1.5 mm² / AWG 16; in- sulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black
Item No.: 216-284 Ferrule; Sleeve for 1.5 mm² / AWG 16; in- sulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	Item No.: 216-124 Ferrule; Sleeve for 1.5 mm² / AWG 16; un- insulated; electro-tin plated	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	Item No.: 216-104 Ferrule; Sleeve for 1.5 mm² / AWG 16; un- insulated; electro-tin plated; silver-colo- red
Item No.: 216-289 Ferrule; Sleeve for 10 mm² / AWG 8; insu- lated; electro-tin plated; electrolytic cop- per; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	Item No.: 216-209 Ferrule; Sleeve for 10 mm² / AWG 8; insu- lated; electro-tin plated; red	Item No.: 216-109 Ferrule; Sleeve for 10 mm² / AWG 8; unin- sulated; electro-tin plated	Item No.: 216-205 Ferrule; Sleeve for 2.08 mm² / AWG 14; in- sulated; electro-tin plated; yellow
Item No.: 216-206 Ferrule; Sleeve for 2.5 mm² / AWG 14; in- sulated; electro-tin plated; blue	Item No.: 216-246 Ferrule; Sleeve for 2.5 mm² / AWG 14; in- sulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue	Item No.: 216-266 Ferrule; Sleeve for 2.5 mm² / AWG 14; in- sulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue	Item No.: 216-286 Ferrule; Sleeve for 2.5 mm² / AWG 14; in- sulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue
Item No.: 216-106 Ferrule; Sleeve for 2.5 mm² / AWG 14; un- insulated; electro-tin plated; silver-colo- red	Item No.: 216-267 Ferrule; Sleeve for 4 mm² / AWG 12; insu- lated; electro-tin plated; electrolytic cop- per; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	Item No.: 216-287 Ferrule; Sleeve for 4 mm² / AWG 12; insu- lated; electro-tin plated; electrolytic cop- per; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	Item No.: 216-207 Ferrule; Sleeve for 4 mm² / AWG 12; insu- lated; electro-tin plated; gray
Item No.: 216-107 Ferrule; Sleeve for 4 mm² / AWG 12; unin- sulated; electro-tin plated	Item No.: 216-208 Ferrule; Sleeve for 6 mm² / AWG 10; insu- lated; electro-tin plated; electrolytic cop- per; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow	Item No.: 216-288 Ferrule; Sleeve for 6 mm² / AWG 10; insu- lated; electro-tin plated; electrolytic cop- per; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow	Item No.: 216-108 Ferrule; Sleeve for 6 mm² / AWG 10; unin- sulated; electro-tin plated; silver-colored

1.1.2 Jumper

1.1.2.1 Jumper



Item No.: 745-632
Jumper; 2-way; silver-colored



Item No.: 745-631
Jumper; 2-way; unplated; silver-colored



Item No.: 745-633
Jumper; 3-way; unplated; silver-colored



Item No.: 745-634
Jumper; 4-way; silver-colored



Item No.: 745-635
Jumper; 5-way; unplated; silver-colored

1.1.3 Test and measurement

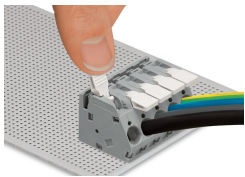
1.1.3.1 Testing accessories



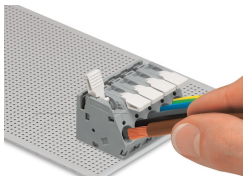
Item No.: 210-136
Test plug; 2 mm Ø; with 500 mm cable; red

Installation Notes

Conductor termination

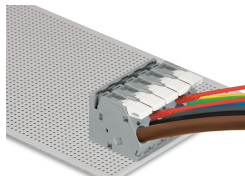


To open the clamping unit, pull the operating lever all the way back — 2706 and 2716 Series.



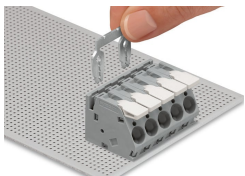
Inserting/removing a conductor – 2706 and 2716 Series.

Testing

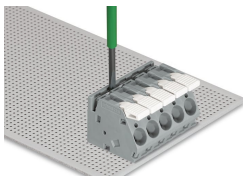


Testing with test plug – 2706 and 2716 Series.

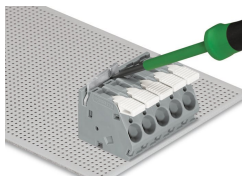
Commoning



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.