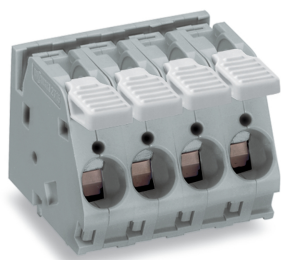


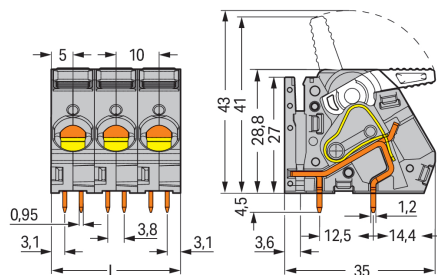
Data Sheet | Item Number: 2716-154

PCB terminal block; lever; 16 mm²; Pin spacing 10 mm; 4-pole; CAGE CLAMP®; commoning option; gray

<https://www.wago.com/2716-154>



Color: ■ gray

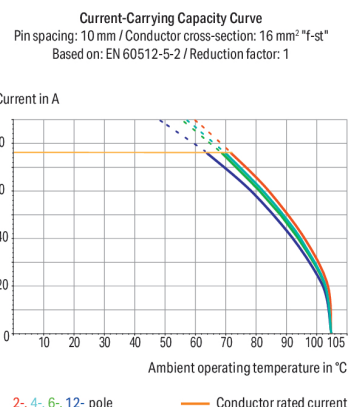


Dimensions in mm
L = pole no. x pin spacing

PCB terminal block, 2716 Series, gray

This PCB terminal block (item number 2716-154) is designed for simple and secure connections. It is a universal connector that can be used practically anywhere, e.g., as a pluggable PCB connector, panel feedthrough header, connector for rail-mount terminal blocks, or a floating connector for different mounting methods. Ensure that the strip lengths are between 12 and 13 mm when connecting conductors to this PCB terminal block. Featuring one conductor terminal along with CAGE CLAMP®, this connector is highly versatile. Our CAGE CLAMP® connection provides a reliable and maintenance-free way to connect all types of conductors. You do not need to prepare the conductor in any way, such as crimping ferrules. Dimensions: (40 x 33.3 x 35) mm (width x height x depth). Depending on the conductor type, this PCB terminal block is suitable for conductor cross sections ranging from 1.5 mm² to 16 mm².

Tin is used for coating the contact surfaces. A lever is used to operate this PCB terminal block. THT is used to solder the PCB terminal block. The conductor is designed to be inserted into the board at an angle of 30°.





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			Approvals per		UL 1059	
Overvoltage category		III	III	II	Use group	B	C	D
Pollution degree		3	2	2	Rated voltage	300 V	150 V	300 V
Nominal voltage		320 V	320 V	630 V	Rated current	55 A	55 A	10 A
Rated impulse withstand voltage		4 kV	4 kV	4 kV				
Rated current		76 A	76 A	76 A				

Connection Data				Connection 1	
Clamping units	4			Connection technology	CAGE CLAMP®
Total number of potentials	4			Actuation type	Lever
Number of connection types	1			Solid conductor	1.5 ... 16 mm² / 16 ... 6 AWG
Number of levels	1			Fine-stranded conductor	1.5 ... 16 mm² / 16 ... 6 AWG
Number of jumper slots	1			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

Physical data		
Pin spacing		10 mm / 0.394 inches
Width		40 mm / 1.575 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
!		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 (main housing)		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		0.758 MJ
Weight		41.9 g

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

Commercial data		
Product Group		4 (Printed Circuit Connectors)
PU (SPU)		24 pcs
Packaging type		Box
Country of origin		PL
GTIN		4045454739355
Customs tariff number		85369010000

Product Classification		
UNSPSC		39121409
eCl@ss 10.0		27-44-04-01
eCl@ss 9.0		27-44-04-01
ETIM 9.0		EC002643
ETIM 10.0		EC002643
ECCN		NO US CLASSIFICATION

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
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 2716-154

↓

Documentation

Additional Information

Technical Section03.04.2019pdf2027.26 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models2716-154

↓

CAE data

ZUKEN Portal2716-154

↓

PCB Design

Symbol and Footprint via SamacSys2716-154

↓

Symbol and Footprint via Ultra Librarian2716-154

↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule



[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



[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



[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



[Item No.: 216-209](#)
Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; red



[Item No.: 216-109](#)
Ferrule; Sleeve for 10 mm² / AWG 8; un-insulated; electro-tin plated



[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



[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



[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



[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



[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



[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



[Item No.: 216-108](#)
Ferrule; Sleeve for 6 mm² / AWG 10; un-insulated; electro-tin plated; silver-colored

1.1.2 Jumper

1.1.2.1 Jumper



Item No.: 745-582
Jumper; 2-way; silver-colored



Item No.: 745-682
Jumper; 2-way; unplated; silver-colored



Item No.: 745-583
Jumper; 3-way; silver-colored



Item No.: 745-584
Jumper; 4-way; unplated; silver-colored



Item No.: 745-585
Jumper; 5-way; unplated; silver-colored

1.1.3 Test and measurement

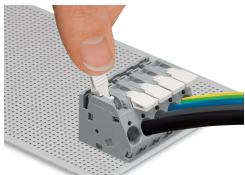
1.1.3.1 Testing accessories



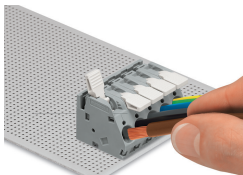
Item No.: 210-136
Test plug; 2 mm Ø; with 500 mm cable; red

Installation Notes

Conductor termination

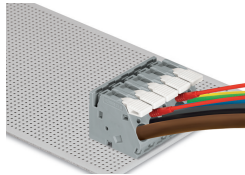


To open the clamping unit, pull the operating lever all the way back — 2706 and 2716 Series.



Inserting/removing a conductor – 2706 and 2716 Series.

Testing

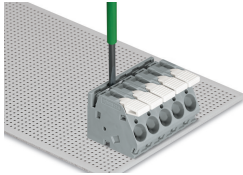


Testing with test plug – 2706 and 2716 Series.

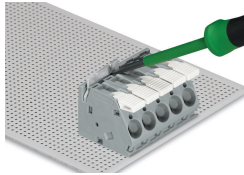
Commoning



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.