VIKING 3

FLEXIBILITY, CONVENIENCE, SAFETY

COMPACT POWER TERMINAL BLOCKS

#legrandImprovingLives

legrand®

The Viking 3 range now includes compact power terminal blocks

These power terminal blocks can be used to make the electrical connection between two flexible wires (with or without ferrule) or solid wires, for any electrical panel up to 400 A. Available in 4 sizes and 3 different colours, our power terminal blocks are compatible with copper or aluminium wires from 2.5 to 240 mm².

4 SIZES AVAILABLE

0 301 15/16/17
Capacity 2.5 - 50 mm²

0 301 18/19/20
Capacity 16 - 95 mm²

0 301 21/22/23
Capacity 35 - 150 mm²

0 301 24/25/26
Capacity 35 - 240 mm²

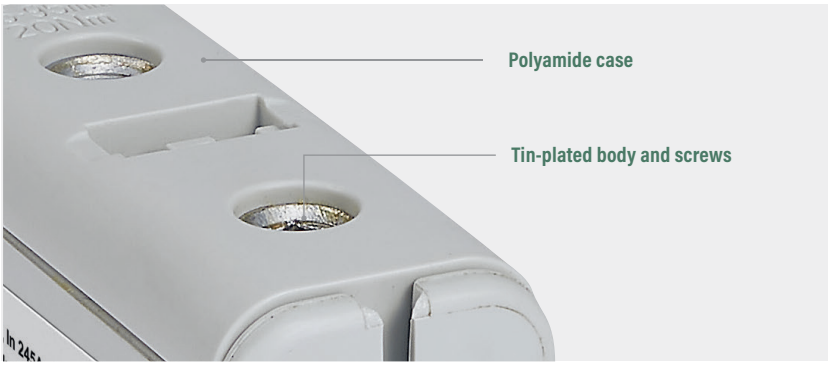
3 COLOURS AVAILABLE DEPENDING ON THE CIRCUIT TYPE

GREY
for standard circuit

BLUE
for neutral conductor

GREEN/YELLOW
for protective conductor

2 MATERIALS THAT ENSURE EXCELLENT MECHANICAL STRENGTH



COMPLIANCE WITH STANDARDS

- EN 60947-7-1 and EN 60947-7-2 for copper wires
- EN 61238-1 for aluminium wires

CE RoHS

...in complete safety

The blocks have hex socket screws for ease of tightening and to ensure the wires are fixed correctly.

HIGH-CAPACITY TERMINALS

The terminals have a ridged surface for better contact, ensuring better mechanical strength.

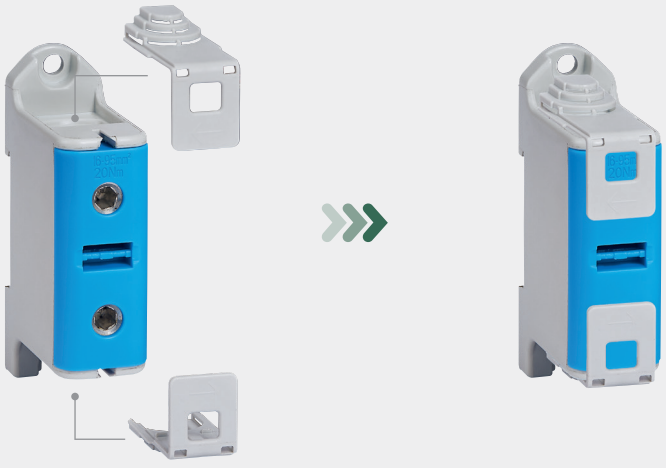
Block before tightening

Block after tightening

INCREASED SAFETY

Protective insulation end caps
Use up to 2 insulation end caps per power terminal. Their pre-cut design adapts easily to the wire size and they can be fitted/removed without tools.

L-shaped accessory
Its shape means this accessory protects against direct contact with the live parts of the power terminal block, both around the terminals and where the tightening tool would be inserted.



Viking™ 3 compact power terminal blocks


0 301 15


0 301 18 with Cab 3 markers


0 301 19


0 301 20


0 301 21


0 301 25


0 301 29

Used to create the junction between the enclosure and the external cables

Pack	Cat.No	Aluminium/copper compact power terminal blocks
		For aluminium/copper cables Direct cable connection Fixed with metal clips on ⎽ rails depth 15 mm (except for 35 - 240 mm² power terminal blocks) and with screws on a plate (except for 2.5 - 50 mm² power terminal blocks) Increased protection at the cable entry with insulation end caps Cat.Nos 0 301 27/28/29/30 (to be ordered separately) Can take CAB 3 markers (0.5 - 1.5 mm²) and pre-cut blank plates Cat.No 0 395 01
		Capacity 2.5 - 50 mm² Alu 6 - 50 mm² Cu 2.5 - 50 mm²
20	0 301 15	Grey
20	0 301 16	Blue
20	0 301 17	Green/Yellow
		Capacity 16 - 95 mm² Alu/Cu 16 - 95 mm²
10	0 301 18	Grey
10	0 301 19	Blue
10	0 301 20	Green/Yellow
		Capacity 35 - 150 mm² Alu/Cu 35 - 150 mm²
10	0 301 21	Grey
10	0 301 22	Blue
10	0 301 23	Green/Yellow
		Capacity 35 - 240 mm² Alu/Cu 35 - 240 mm²
5	0 301 24	Grey
5	0 301 25	Blue
5	0 301 26	Green/Yellow
		Protective insulation end caps For aluminium/copper compact power terminal blocks Ensure safe access to cable entries, whether or not currently in use Clip into place Pre-cut for adjustment to different cable diameters
40	0 301 27	For power terminal blocks Cat.Nos 0 301 15/16/17 (2.5 - 50 mm²) pre-cut Ø: 8 and 10.5 mm
20	0 301 28	For power terminal blocks Cat.Nos 0 301 18/19/20 (16 - 95 mm²) pre-cut Ø: 8, 11 and 16 mm
20	0 301 29	For power terminal blocks Cat.Nos 0 301 21/22/23 (35 - 150 mm²) pre-cut Ø: 11, 16 and 20 mm
10	0 301 30	For power terminal blocks Cat.Nos 0 301 24/25/26 (35 - 240 mm²) pre-cut Ø: 14, 20 and 24.5 mm

Viking™ 3 compact power terminal blocks - technical characteristics

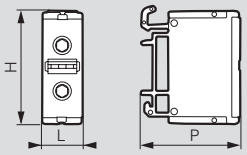
Characteristics of compact power terminal blocks

Conforming to standards:
IEC EN 60947-7-1 and IEC EN 60947-7-2 for copper wires
IEC EN 61238-1 for aluminium wires
Insulation voltage Ui: 800 V AC-DC
Insulating material flammability class according to UL 94: V2
Operating temperature: - 5 to 80°C
Pollution level: 3
Insulating materials:
- polyamide case and cover
Tin-plated body and screws
Screw heads: hex socket

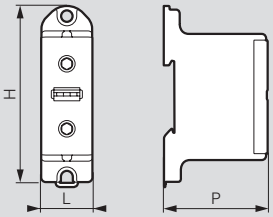
Cat.No	Wire cross-section (mm²)	Nominal current (A)	Key dimensions (mm)	Min. key depth (mm)	Tightening torque (Nm)
0 301 15	Cu: 2.5 - 50 Al: 6 - 50	Cu: 160 Al: 145	5	20	4 (2.5 - 4 mm²) 12 (6 - 50 mm²)
0 301 16	Cu: 2.5 - 50 Al: 6 - 50	Cu: 160 Al: 145	5	20	4 (2.5 - 4 mm²) 12 (6 - 50 mm²)
0 301 17	Cu: 2.5 - 50 Al: 6 - 50	-	5	20	4 (2.5 - 4 mm²) 12 (6 - 50 mm²)
0 301 18	Al/Cu: 16 - 95	Cu: 245 Al: 220	5	25	20 (16 - 95 mm²)
0 301 19	Al/Cu: 16 - 95	Cu: 245 Al: 220	5	25	20 (16 - 95 mm²)
0 301 20	Al/Cu: 16 - 95	-	5	25	20 (16 - 95 mm²)
0 301 21	Al/Cu: 35 - 150	Cu: 320 Al: 290	8	34	20 (35 - 95 mm²) 30 (120 - 150 mm²)
0 301 22	Al/Cu: 35 - 150	Cu: 320 Al: 290	8	34	20 (35 - 95 mm²) 30 (120 - 150 mm²)
0 301 23	Al/Cu: 35 - 150	-	8	34	20 (35 - 95 mm²) 30 (120 - 150 mm²)
0 301 24	Al/Cu: 35 - 240	Cu: 425 Al: 380	8	38	12 (35 - 70 mm²) 45 (95 - 240 mm²)
0 301 25	Al/Cu: 35 - 240	Cu: 425 Al: 380	8	38	12 (35 - 70 mm²) 45 (95 - 240 mm²)
0 301 26	Al/Cu: 35 - 240	-	8	38	12 (35 - 70 mm²) 45 (95 - 240 mm²)

Dimensions and weight

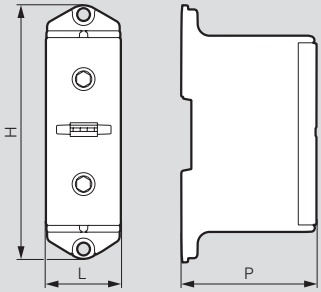
Cat.Nos 0 301 15/16/17



Cat.Nos 0 301 18/19/20/21/22/23



Cat.Nos 0 301 24/25/26



Cat.Nos	Dimensions (mm)			Weight (kg)
	H	W	D	
0 301 15/16/17	49	17.8	43	0.030
0 301 18/19/20	86	24	49	0.074
0 301 21/22/23	95	29.5	59	0.120
0 301 24/25/26	130	37.5	67	0.249

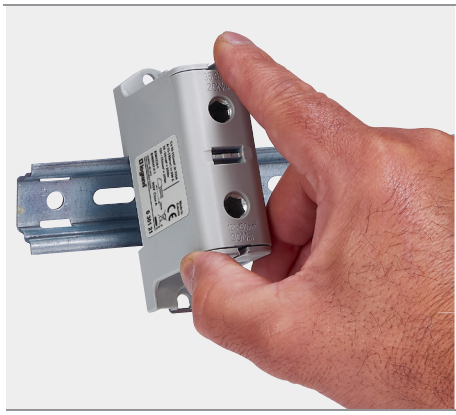
Fixing

Cat.Nos	Fixing	
	⎽ rail	With screws on a plate
0 301 15/16/17	Yes	No
0 301 18/19/20	Yes	Yes
0 301 21/22/23	Yes	Yes
0 301 24/25/26	No	Yes

Easier installation...

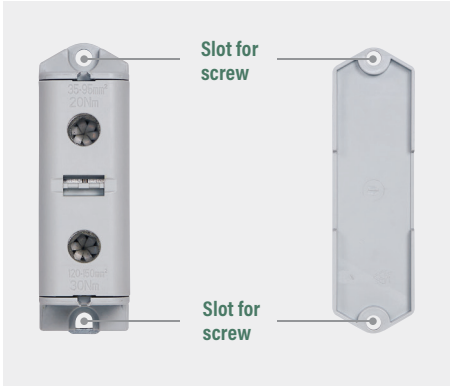
For greater freedom, flexibility and to save installation time, our compact power terminal blocks can be installed on a DIN rail or a plate. Designed mainly for the industrial and commercial sectors, they are suitable for a wide range of applications.

INSTALLATION ON A RAIL



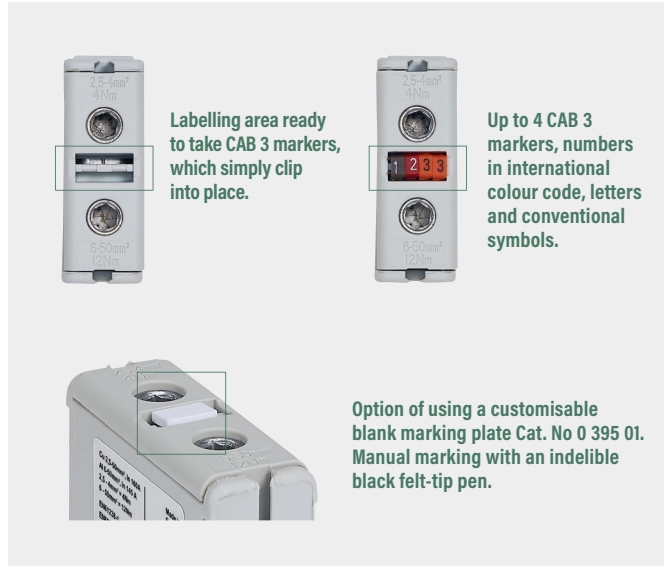
Metal fixing lug
which guarantees excellent mechanical strength, on 95 and 150 mm² blocks

INSTALLATION ON A PLATE



				
Cat.Nos	**0 301 15/16/17**	**0 301 18/19/20**	**0 301 21/22/23**	**0 301 24/25/26**
Rail	YES	YES	YES	NO
With screws on a plate	NO	YES	YES	YES

Easily accessible information: tightening torques
Information about tightening torque values, depending on the wire cross-sections, can be found on the power terminal block cover, to assist with wiring operations.



Optimum identification
A labelling area, in the middle of the terminal blocks, allows CAB 3 markers to be installed by simply clipping them in place, which makes it easier to identify each block associated with the wiring diagrams and ensure synergy of labelling between the power terminal blocks and the wiring.

legrandgroup.com

youtube.com/user/legrand

linkedin.com/company/legrand

twitter.com/Legrand

World Headquarters
and International Department
87045 Limoges Cedex - France
Tel: +33(0)5 55 06 87 87