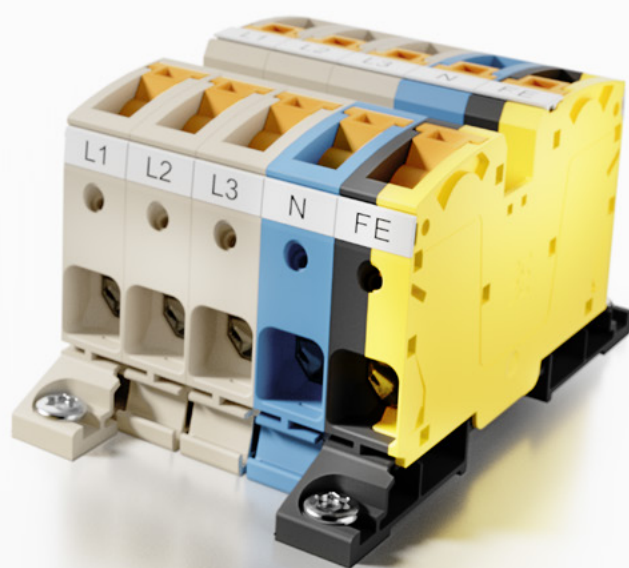
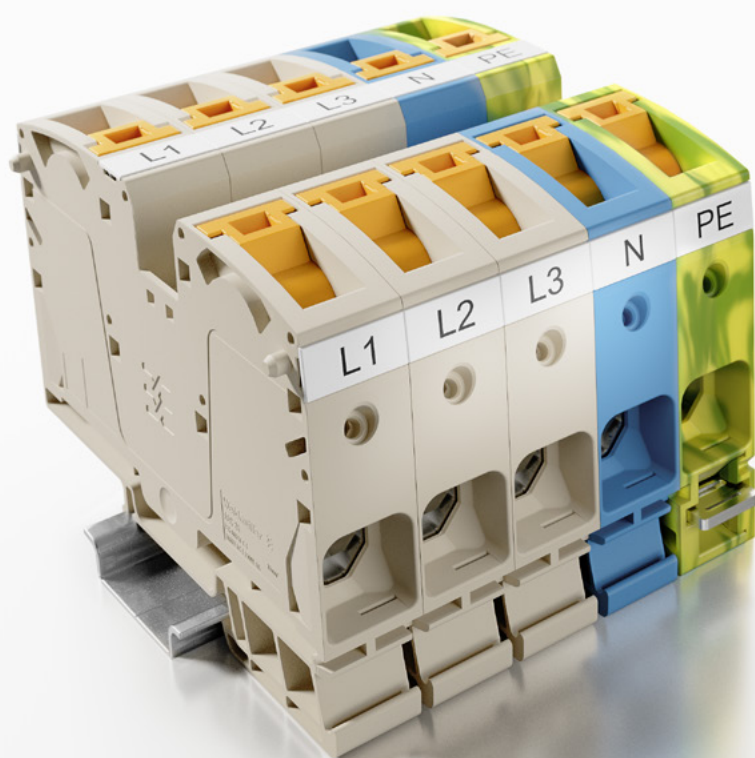


Reliable and efficient power supply
Klippon® Connect A2C 35 high-current terminal blocks
Let's connect.

High-current terminal blocks



Reliable and efficient power supply

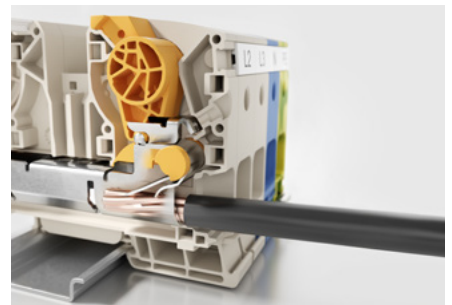
Klippon® Connect A2C 35 high-current terminal blocks

The industrial environment requires more and more flexible and efficient wiring of power consumers, without compromising a consistently high level of process reliability.

Our new A2C 35 high-current terminal blocks meet these requirements. The PUSH IN-Power connection technology and many other features enable safe and efficient wiring. They are available in a wide range of variants, including for the DIN rail, for direct mounting on mounting plates, and pre-assembled blocks for different network systems.

Innovative PUSH IN-Power connection

With the innovative PUSH IN-Power connection technology, several compression springs ensure safe, gastight, and vibration resistant connection of the wire. The mechanism provides high clamping forces with low operation forces for optimal operation. Perfectly matched screwdrivers simplify installation. (Order No. 9008350000)



Pre-assembled blocks

Pre-assembled feed-in blocks for each network system reduce the number of variants and storage costs. This supports installation on the standard DIN rail or direct fixation on the mounting plate using an integrated foot bracket.



Tool-free wiring

Proven PUSH IN technology for simple and fast wiring is now also available in cross-section ranges above 16 mm². When the lever is closed, the rigid stranded conductor can be plugged in directly and tool-free, thus guaranteeing reliable contacting.



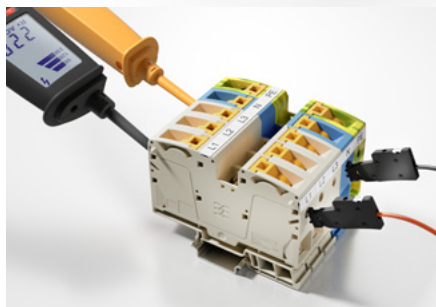
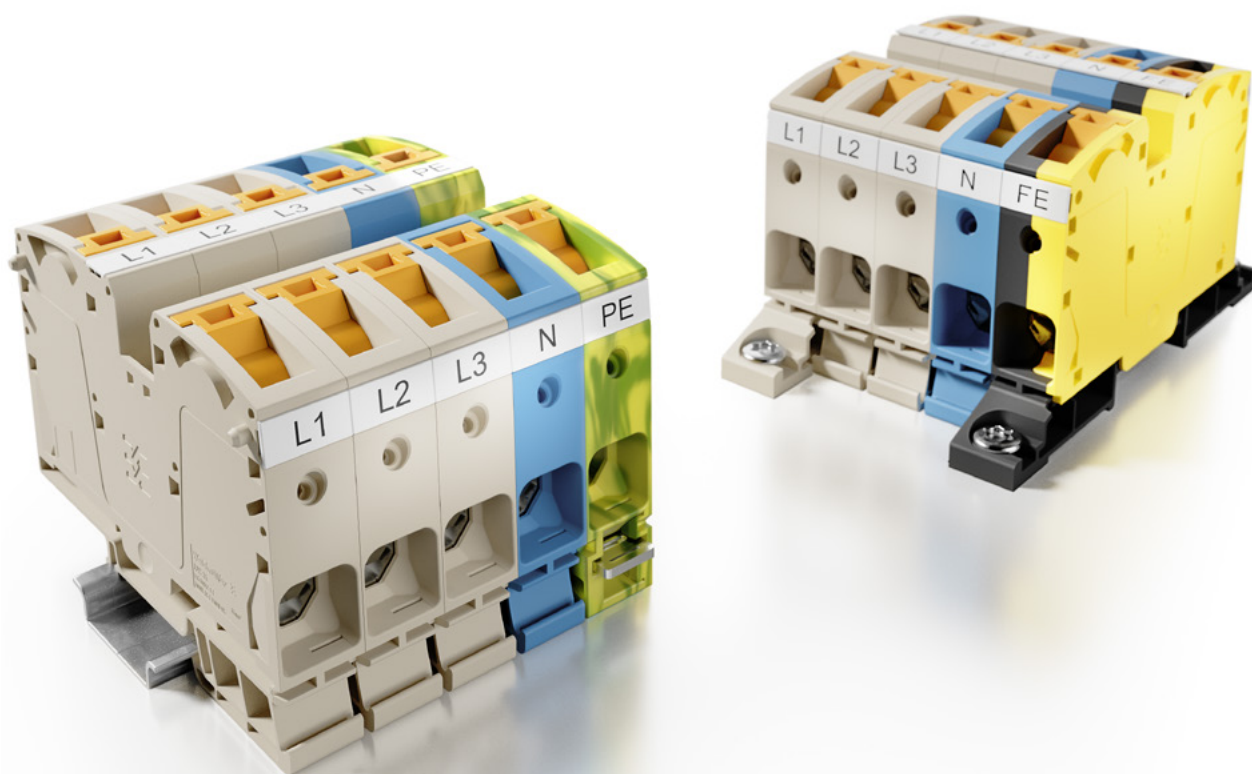
Identification of external voltage

Large-area marker tags direct attention to an external voltage applied. Fixation of the flash markers in the connection area also prevents circuitry in the live state. This ensures greater safety for man and machine.

Find out more:

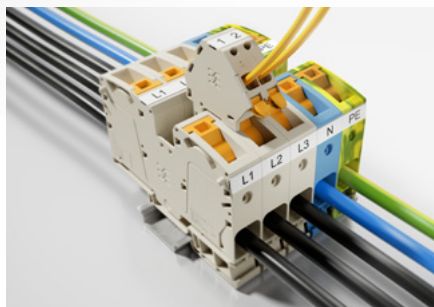
Discover all the details in the video. The new high-current terminal blocks A2C 35 with PUSH IN-Power connection: www.weidmueller.com/pushin-power

More on the benefits Klippon® Connect provides in planning, installation and operation: www.klippon-connect.com



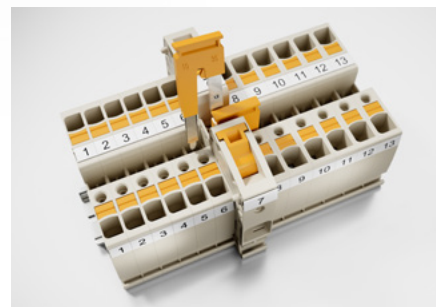
Standardised testing options

A standard 2.0 mm diameter test tap allows easy and fast testing. Standardised accessories guarantee use in the cross-section ranges from 1.5 mm² to 35 mm² and ensure a streamline portfolio of accessory parts.



Additional connection for emergency power supply

The additional connection enables a separate voltage tap. One possible use is as an emergency power supply upstream of the main switch. The lever mechanism enables toolless wiring of flexible conductors.



Efficient potential distribution

Step-down bridges allow potential distribution to cross-sections of 10 mm² and 16 mm². Additional power distributions implement quickly into the panel while avoiding additional wiring.

Terminal blocks for terminal rail mounting

A2C 35

35 mm²



Width / Height / Depth mm

16 x 71.5 x 101.5

A2C 35 FE

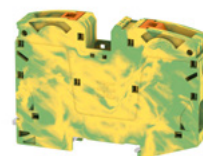
35 mm²



16 x 71.5 x 101.5

A2C 35 PE

35 mm²



16 x 71.5 x 101.5

Technical data

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage	kV
Pollution severity	
Flammability class UL94	
Power loss	W

Note

1000 V AC / 1500 V DC	
	125
	35
	8
	3
	V0
	4.06

Approval in progress

1000 V AC / 1500 V DC	
	125
	35
	8
	3
	V0
	4.06

Approval in progress

1000 V AC / 1500 V DC	
	125
	35
	8
	3
	V0
	4.06

Approval in progress

Ordering data

Version	
	dark beige
	blue
	black/yellow
	green/yellow

Note

Type	Qty.	Order No.
A2C 35	10	2551510000
A2C 35 BL	10	2552090000

Type	Qty.	Order No.
A2C 35 FE	10	2551530000

Type	Qty.	Order No.
A2C 35 PE	10	2551520000

A2C 35 3FT

35 mm²



Width / Height / Depth mm

48 x 71.5 x 101.5

A2C 35 3FT-FE

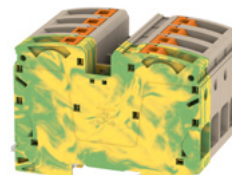
35 mm²



64 x 71.5 x 101.5

A2C 35 3FT-PE

35 mm²



64 x 71.5 x 101.5

Technical data

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage	kV
Pollution severity	
Flammability class UL94	
Power loss	W

Note

1000 V AC / 1500 V DC	
	125
	35
	8
	3
	V0
	3 x 4.06

Approval in progress

1000 V AC / 1500 V DC	
	125
	35
	8
	3
	V0
	3 x 4.06

Approval in progress

1000 V AC / 1500 V DC	
	125
	35
	8
	3
	V0
	3 x 4.06

Approval in progress

Ordering data

Version	
	dark beige
	dark beige, black/yellow
	dark beige, green/yellow

Note

Type	Qty.	Order No.
A2C 35 3FT	1	2552100000

Type	Qty.	Order No.
A2C 35 3FT-FE	1	2552110000

Type	Qty.	Order No.
A2C 35 3FT-PE	1	2552120000

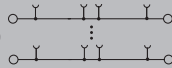
A2C 35 3FT-N

35 mm²

Width / Height / Depth

mm

64 x 71.5 x 101.5



Technical data

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage	kV
Pollution severity	
Flammability class UL94	
Power loss	W

Note

1000 V AC / 1500 V DC

125

35

8

3

V0

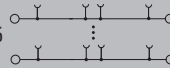
4 x 4.06

Approval in progress

A2C 35 3FT-N-FE

35 mm²

80 x 71.5 x 101.5



1000 V AC / 1500 V DC

125

35

8

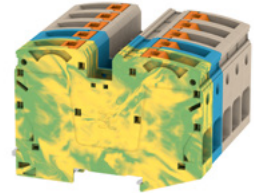
3

V0

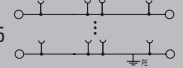
4 x 4.06

Approval in progress

A2C 35 3FT-N-PE

35 mm²

80 x 71.5 x 101.5



1000 V AC / 1500 V DC

125

35

8

3

V0

4 x 4.06

Approval in progress

Ordering data

Version	
	dark beige, blue
	dark beige, blue, black/yellow
	dark beige, blue, green/yellow

Note

Type	Qty.	Order No.
A2C 35 3FT-N	1	2552130000

Type	Qty.	Order No.
A2C 35 3FT-N-FE	1	2552140000

Type	Qty.	Order No.
A2C 35 3FT-N-PE	1	2551540000

Terminal blocks for direct mounting

A2C 35 DM

35 mm²

Width / Height / Depth

mm

16 x 71.5 x 135



Technical data

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage	kV
Pollution severity	
Flammability class UL94	
Power loss	W

Note

1000 V AC / 1500 V DC

125

35

8

3

V0

4.06

Approval in progress

A2C 35 FE DM

35 mm²

16 x 71.5 x 135



1000 V AC / 1500 V DC

125

35

8

3

V0

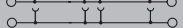
4.06

Approval in progress

A2C 35 FE DM

35 mm²

48 x 71.5 x 135



1000 V AC / 1500 V DC

125

35

8

3

V0

3 x 4.06

Approval in progress

Ordering data

Version	
	dark beige
	blue
	black/yellow

Note

Type	Qty.	Order No.
A2C 35 DM	10	2551550000
A2C 35 BL DM	10	2552150000

Type	Qty.	Order No.
A2C 35 FE DM	10	2552160000

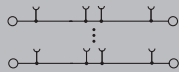
Type	Qty.	Order No.
A2C 35 3FT DM	1	2552170000

A2C 35 3FT-FE DM 35 mm²



Width / Height / Depth mm

64 x 71.5 x 135



Technical data

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage	kV
Pollution severity	
Flammability class UL94	
Power loss	W

Note

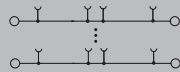
1000 V AC / 1500 V DC
125
35
8
3
V0
3 x 4.06

Approval in progress

A2C 35 3FE-N DM 35 mm²



64 x 71.5 x 135



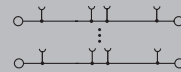
1000 V AC / 1500 V DC
125
35
8
3
V0
4 x 4.06

Approval in progress

A2C 35 3FT-N-FE DM 35 mm²



80 x 71.5 x 135



1000 V AC / 1500 V DC
125
35
8
3
V0
4 x 4.06

Approval in progress

Ordering data

Version
dark beige, black/yellow
dark beige, blue
dark beige, blue, black/yellow

Note

Type	Qty.	Order No.
A2C 35 3FT-FE DM	1	2552180000

Type	Qty.	Order No.
A2C 35 3FT-N DM	1	2552190000

Type	Qty.	Order No.
A2C 35 3FT-N-FE DM	1	2552200000

Accessories for the A2C 35

AAC 35 2x6 35 mm²



Width / Height / Depth mm

44 x 78.5 x 15.9

Technical data

Rated voltage	V
Rated current	A
Rated cross-section	mm ²

Note

1000 V AC / 1500 V DC
42
6

Approval in progress

ZQV 35N



ZQV 35N/2	22 x 43.4 x 4
ZQV 35N-16	22.5 x 55.9 x 3.2
ZQV 35N-10	21.4 x 56.6 x 2

Further information on the current-carrying capacity is available on our homepage

AAM 35-185 YE FLASH



23.5 x 12 x 6.8

Ordering data

Version
dark beige
blue
black/yellow
green/yellow
35 mm ²
35 mm ² to 16 mm ²
35 mm ² to 10 mm ²
yellow with black print

Note

Type	Qty.	Order No.
AAC 35 2X6	5	2583090000
AAC 35 2X6 BL	5	2583170000
AAC 35 2X6 BK-YL	5	2583190000
AAC 35 2X6 GN-YL	5	2583180000

Type	Qty.	Order No.
ZQV 35N/2	10	2634950000
ZQV 35N-16	10	2562660000
ZQV 35N-10	10	2562670000

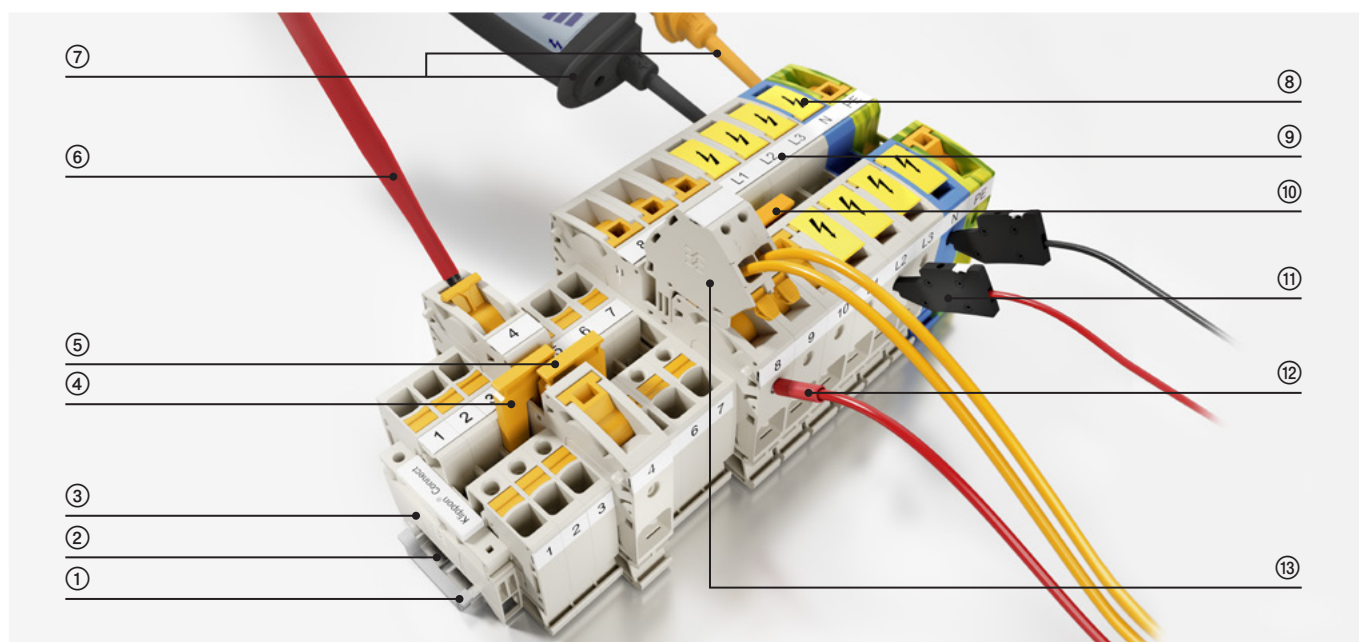
Type	Qty.	Order No.
AAM 35-185 YE FLASH	40	2635600000

Mounting in compliance with norms

Thanks to precisely matched accessories

When assembling terminal blocks and equipping panels, you must be able to rely on the fact that the accessories are also perfectly matched. Only then can the processes run smoothly and productively. Correspondingly there are high requirements for mounting rails, cross-connections and cover plates, as well as additional connections. They must comply with numerous norms and protective provisions.

The comprehensive accessories of the Klippon® Connect portfolio are perfectly matched down to the last detail. This facilitates mounting while adhering to required norms.



Sample image	Designation	Type	Rated voltage	Rated current	Measurements	Colour	Qty.	Order No.
1	End plate terminal rail	TS END CAP 35X7.5			35 x 7.5 x 4 mm	grey	100	1283470000
2	Terminal rail	TS 35X7.5/LL 2M/ST/ZN			35 x 7.5 x 2000 mm	silver	2	0514500000
3	End bracket	AEB 35 SC/1			8 x 58 x 36 mm	dark beige	50	1991920000
4	Step-down bridges	ZQV 35N-10	1000 V AC / 1500 V DC	70 A	55 x 55 x 55 mm	orange	20	2562670000
5	Step-down bridges	ZQV 35N-16	1000 V AC / 1500 V DC	70 A	55 x 55 x 55 mm	orange	20	2562660000
6	Screwdriver	SDS 1.0X5.5X150			1.0 x 5.5 x 150 mm	black/orange	1	9008350000
7	Voltage tester	VT DIGI PRO	1000 V AC / 1000 V DC		264 x 33 x 67 mm	black/orange	1	9918870000
8	Warning cover	AAM 35-185 YE FLASH			55 x 55 x 55 mm	yellow	40	2635600000
9	Terminal marker	WS 8/5 MC NE WS			8 x 5 mm	white	720	1640740000
10	Cross-connector	ZQV 35N/2	1000 V AC / 1500 V DC	70 A	55 x 55 x 55 mm	orange	20	2562620000
11	Test adapter	ATPG 1.5-10 L	250 V AC / 250 V DC	0.2 A	55 x 55 x 55 mm	black	50	1991890000
12	Test probes	PS 2.0 MC	250 V AC / 250 V DC	0.2 A	55 x 55 x 55 mm	red	20	0310000000
13	Additional test point	AAC 35 2X6	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	dark beige	10	2583090000
13	Additional test point	AAC 35 2X6 BL	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	blue	10	2583170000
13	Additional test point	AAC 35 2X6 BK-YL	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	black/yellow	10	2583190000
13	Additional test point	AAC 35 2X6 GN-YL	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	green/yellow	10	2583180000

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Weidmüller, Mexico
Blvd. Hermanos Serdán 698,
Col. San Rafael Oriente
Puebla, Puebla, Mexico
C.P. 72029
Telephone: 01 222 2686267
Facsimile: 01 222 2686219
Email: clientes@weidmuller.com.mx
Website: www.weidmuller.com.mx

Weidmüller, Canada
10 Spy Court
Markham, Ontario L3R 5H6
Telephone: (800) 268-4080
Facsimile: (905) 475-2798
Email: info1@weidmuller.ca
Website: www.weidmuller.ca

Weidmüller, United States
821 Southlake Blvd.
Richmond, Virginia 23236
Telephone: (800) 849-9343
Facsimile: (804) 379-2593
Email: info@weidmuller.com
Website: www.weidmuller.com