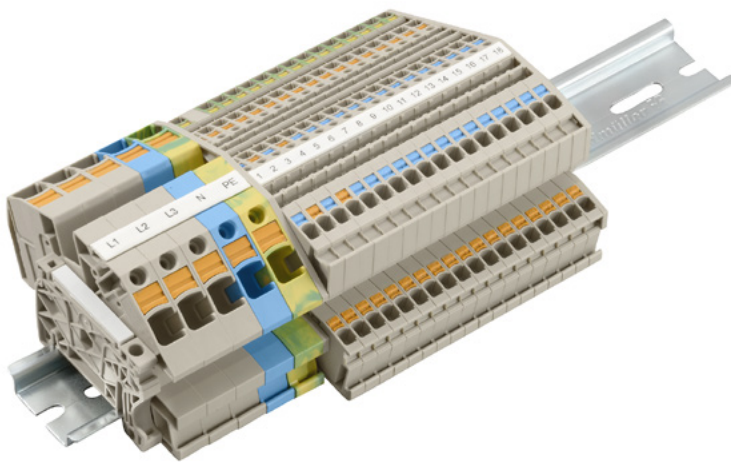


Terminal blocks

Simply work more efficiently

Standardised terminal rails for main distribution in buildings



Article No.: 8000122103 - TR BD AITB RCD

Pre-assembled terminal strip for building installation wiring of a main distribution panel with separate RCD and circuit breaker for each circuit. Includes all necessary components of a feeder and the connection of 14 AC and 2 three-phase circuits. Connection of the L and N wires from the FI-LS switch to the circuits via installation terminals without the possibility of disconnection. Separation of the N-potentials for insulation resistance measurement via the FI-LS breakers.

Bill of materials:

- DIN rail TS 35 x 7,5; 248 mm length	
- 16 x installation terminal block; N-L-PE; 4 mm ²	(2668940000)
- 2 x installation terminal block; L-L; 4 mm ²	(2668900000)
- 3 x power terminal; beige; 16 mm ²	(2668740000)
- 1 x power terminal; blue; 16 mm ²	(2668750000)
- 1 x protective earth terminal; green- yellow; 16 mm ²	(2668760000)
Including end plates, end brackets and marker	



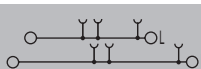
AITB 2.5 BB L-L

2.5 mm²



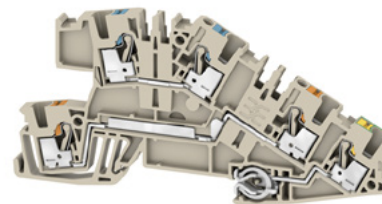
Width/Height/Depth	mm
Max current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 103 x 50.1
27 / 4
0.14...4

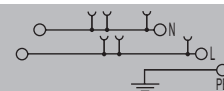


AITB 2.5 BB N-L-PE

2.5 mm²



5.1 x 103 x 50.1
27 / 4
0.14...4



Technical data

Rated data	
Rated voltage	-
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
24			
2.5			
	4 kV / 3		
	A3 / V-0		
C E			
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...2.5			
0.5...0.75			
10 / 0.6 x 3.5 mm			
400			
250			
250			
Note			

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250			
24			
2.5			
	4 kV / 3		
	A3 / V-0		
C E			
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...2.5			
0.5...0.75			
10 / 0.6 x 3.5 mm			
400			
250			
250			
Note			

Ordering data

Version
dark beige
Note

Type	Qty.	Order No.
AITB 2.5 BB L-L	50	2668900000

Type	Qty.	Order No.
AITB 2.5 BB N-L-PE	50	2668940000

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate	
	dark beige
Support bracket for 10 x 3 (required every 20 cm)	
	blue
	blue, incl. additional metal holder for the busbar
End bracket	
	dark beige, direct mounting
	blue, direct mounting
	blue, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
Marking tags	
For detailed information on other accessories and application in the online catalogue	

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/3	24 A	60	1527570000
ZQV 2.5N/4	24 A	60	1527590000
ZQV 2.5N/10	24 A	20	1527690000
AEP ITB 2.5 BB		20	2668960000
APP ITB 2.5 BB BL		20	2668970000
APP ITB 2.5 BB BL VI		20	2881640000
AEB 35 SCL/1 V0		20	2661280000
AEB ITB 16 BB BL		20	2669130000
AEB ITB 2.5/4 BB BL		20	2690440000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/3	24 A	60	1527570000
ZQV 2.5N/4	24 A	60	1527590000
ZQV 2.5N/10	24 A	20	1527690000
AEP ITB 2.5 BB		20	2668960000
APP ITB 2.5 BB BL		20	2668970000
APP ITB 2.5 BB BL VI		20	2881640000
AEB 35 SCL/1 V0		20	2661280000
AEB ITB 16 BB BL		20	2669130000
AEB ITB 2.5/4 BB BL		20	2690440000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000



AITB 16 BB 2C

16 mm²



AITB 16 BB 2C PE

16 mm²



Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

10 x 84.6 x 52.9	
76 / 16	
0.5...16	

10 x 84.6 x 52.9	
/ 16	
0.5...16	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800			
76			
16			
	8 kV / 3		
	A6 / V-0		
C E			
Rated connection			
0.5...16 / 0.5...16			
0.5...16 / 0.5...10			
0.75...6			
18 / 1.0 x 5.5 mm			

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
16			
	8 kV / 3		
	A6 / V-0		
C E			
Rated connection			
0.5...16 / 0.5...16			
0.5...16 / 0.5...10			
0.75...6			
18 / 1.0 x 5.5 mm			

Note

Ordering data

Version
dark beige
Blue
Note

Type	Qty.	Order No.
AITB 16 BB 2C	20	2668740000
AITB 16 BB 2C BL	20	2668750000

Type	Qty.	Order No.
AITB 16 BB 2C PE	20	2668760000

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate	
	dark beige
	blue
Support bracket for 10 x 3 (required every 20 cm)	
	blue
End bracket	
	dark beige, direct mounting
	blue, direct mounting
	blue, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
Marking tags	

Type	Qty.	Order No.
ZQV 10N/2	57 A 25	2497250000
AEP ITB 16 BB 2C	20	2668840000
AEP ITB 16 BB 2C BL	20	2668850000
APP ITB 16 BB 2C/NDT BL	20	2668890000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 16 BB BL	20	2669130000
AEB ITB 2.5/4 BB BL	20	2690440000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
WS 8/6 PLUS MC NE WS	600	1951880000
WS-A 8/10 MM WS	350	2619890000

Type	Qty.	Order No.
AEP ITB 16 BB 2C	20	2668840000
APP ITB 16 BB 2C/NDT BL	20	2668890000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 16 BB BL	20	2669130000
AEB ITB 2.5/4 BB BL	20	2690440000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
WS 8/6 PLUS MC NE WS	600	1951880000
WS-A 8/10 MM WS	350	2619890000

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