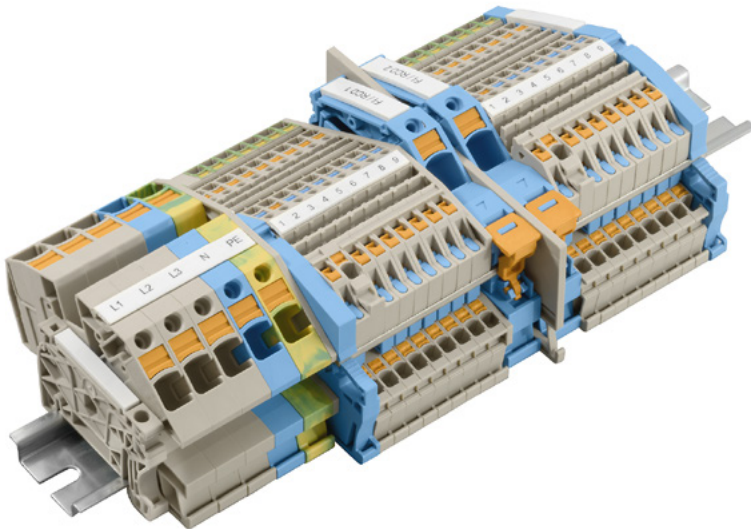


## Terminal blocks

# Simply work more efficiently

Standardised terminal rails for main distribution in buildings



### Article No.: 8000122099 - TR BD AITB BB 2RCD

Pre-assembled terminal strip for building installation wiring of a main distribution with two RCDs. Includes all necessary components of a feeder and the connection of 14 AC and 2 three-phase circuits. Distribution of the RCD potentials via two N-busbars 10 x 3 mm. Separation of the N- potentials for insulation resistance measurement via isolating slider to the busbar.

### Bill of materials:

|                                                                   |              |
|-------------------------------------------------------------------|--------------|
| - DIN rail TS 35 x 7,5; 248 mm length                             |              |
| - 16 x installation terminal block; NT-L-PE; 4 mm <sup>2</sup>    | (2668950000) |
| - 2 x installation terminal block; L-L; 4 mm <sup>2</sup>         | (2668900000) |
| - 2 x power terminal busbar; 16 mm <sup>2</sup>                   | (2669140000) |
| - 3 x power terminal; beige; 16 mm <sup>2</sup>                   | (2668740000) |
| - 1 x power terminal; blue; 16 mm <sup>2</sup>                    | (2668750000) |
| - 1 x protective earth terminal; green-yellow; 16 mm <sup>2</sup> | (2668760000) |
| Including electrical busbar, end plates, end brackets and marker  |              |



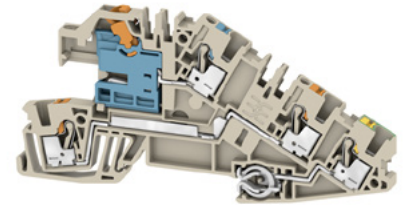
## AITB 2.5 BB L-L

2.5 mm<sup>2</sup>



## AITB 2.5 BB NDT-L-PE

2.5 mm<sup>2</sup>



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

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

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

In accordance with IEC 60947-1, In  
Anlehnung an IEC 60947-2

### Technical data

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

| IEC 60947-1         |          |     |            |
|---------------------|----------|-----|------------|
| 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                 |          |     |            |

| IEC 60947-1         |          |     |            |
|---------------------|----------|-----|------------|
| 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                 |          |     |            |

### 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 NDT-L-PE | 50   | 2668950000 |

### 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 mm<sup>2</sup>



## AITB 16 BB 2C PE

16 mm<sup>2</sup>



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

|                  |  |
|------------------|--|
| 10 x 84.6 x 52.9 |  |
| <b>76 / 16</b>   |  |
| <b>0.5...16</b>  |  |

|                  |  |
|------------------|--|
| 10 x 84.6 x 52.9 |  |
| <b>/ 16</b>      |  |
| <b>0.5...16</b>  |  |

### Technical data

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

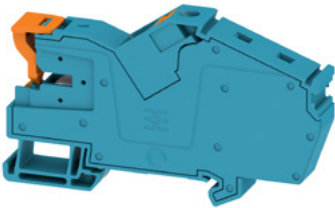
| Type                    | Qty.     | Order No.  |
|-------------------------|----------|------------|
| ZQV 10N/2               | 57 A 25  | 2497250000 |
| AEP ITB 16 BB 2C        | 20       | 2668840000 |
| AEP ITB 16 BB 2C BL     | 20       | 2668850000 |
| APP ITB 16 BB 2C/NDT BL | 20       | 2668890000 |
| 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 |

For detailed information on other accessories and application in the online catalogue

AITB 16 BB NLO

16 mm²



|                                          |       |
|------------------------------------------|-------|
| Width/Height/Depth                       | mm    |
| Rated current / max. cond. cross-section | A/mm² |
| Max. clamping range                      | mm²   |

|                   |
|-------------------|
| 12 x 91,15 x 52,9 |
| 0,5...16          |

Technical data

| Rated data                                           |      |
|------------------------------------------------------|------|
| Rated voltage                                        | V    |
| Rated current                                        | A    |
| for wire cross-section                               | mm²  |
| Rated impulse withstand voltage / Pollution severity |      |
| Gauge to IEC 60947-1 / UL 94 flammability rating     |      |
| Approvals                                            |      |
| Clamped conductors (H05V/H07V)                       |      |
| Solid / Stranded                                     | mm²  |
| Flexible / Flexible with ferrule                     | mm²  |
| Twin wire-end ferrule                                | mm²  |
| Stripping length / Blade size                        | mm/- |
| Note                                                 |      |

| IEC 60947-7-1       |          |     |            |
|---------------------|----------|-----|------------|
| IEC                 | UL       | CSA | EN 60079-7 |
| 1000                |          |     |            |
| 65                  |          |     |            |
|                     | 8 kV / 3 |     |            |
|                     | A6 / V-0 |     |            |
| 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 |
|---------|
| blue    |
| Note    |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| AITB 16 BB NLO | 20   | 2669140000 |
| Note           |      |            |