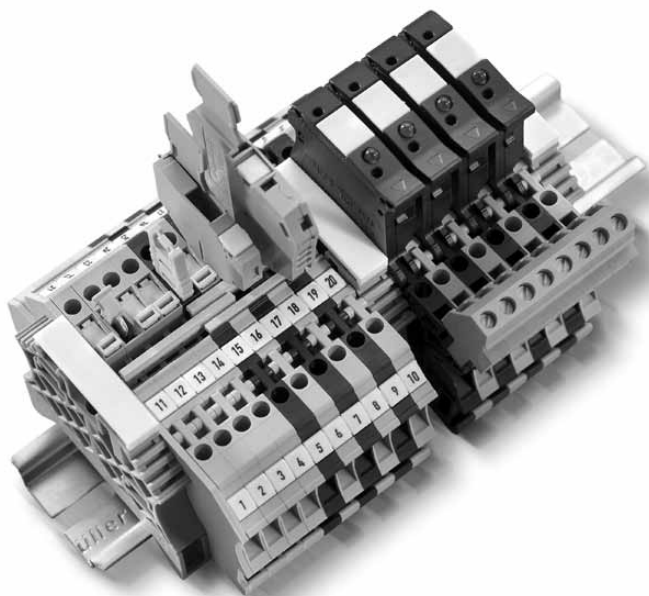


## WMF 2.5 Terminal Series

# NEW



The WMF 2.5 (multi-functional) terminal series is uniquely designed for DCS marshalling where increased functionality, improved spacing, higher wiring density and ease of terminal installation are desired. The WMF 2.5 series is offered in configuration types including fuse, disconnect and feed-through with pluggable connectors.

The WMF 2.5 terminals are 5 mm wide, providing a 20% space savings when compared to typical fuse terminals at 6-8 mm.

### Applications:

- DCS marshalling cabinet field wiring
- Marshalling terminations that use FTA interface modules via BLZ pluggable connectors
- Limited space applications that require multiple shield termination points

### Benefits

- 20% space savings with 5 mm width
- Ease of installation via the BLZ pluggable connector (cable harnessing)
- Unique fuse holder design simplifies the replacement or installation of fuses
- Improved flexibility with unique 3-channel jumpering and integrated shielding

#### Weidmüller, Canada

10 Spy Court  
Markham, Ontario L3R 5H6  
Telephone: (800) 268-4080  
Facsimile: (877) 300-5635  
Email: info1@weidmuller.ca  
Website: www.weidmuller.ca

#### Weidmüller, Mexico

Bvd. 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, United States

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

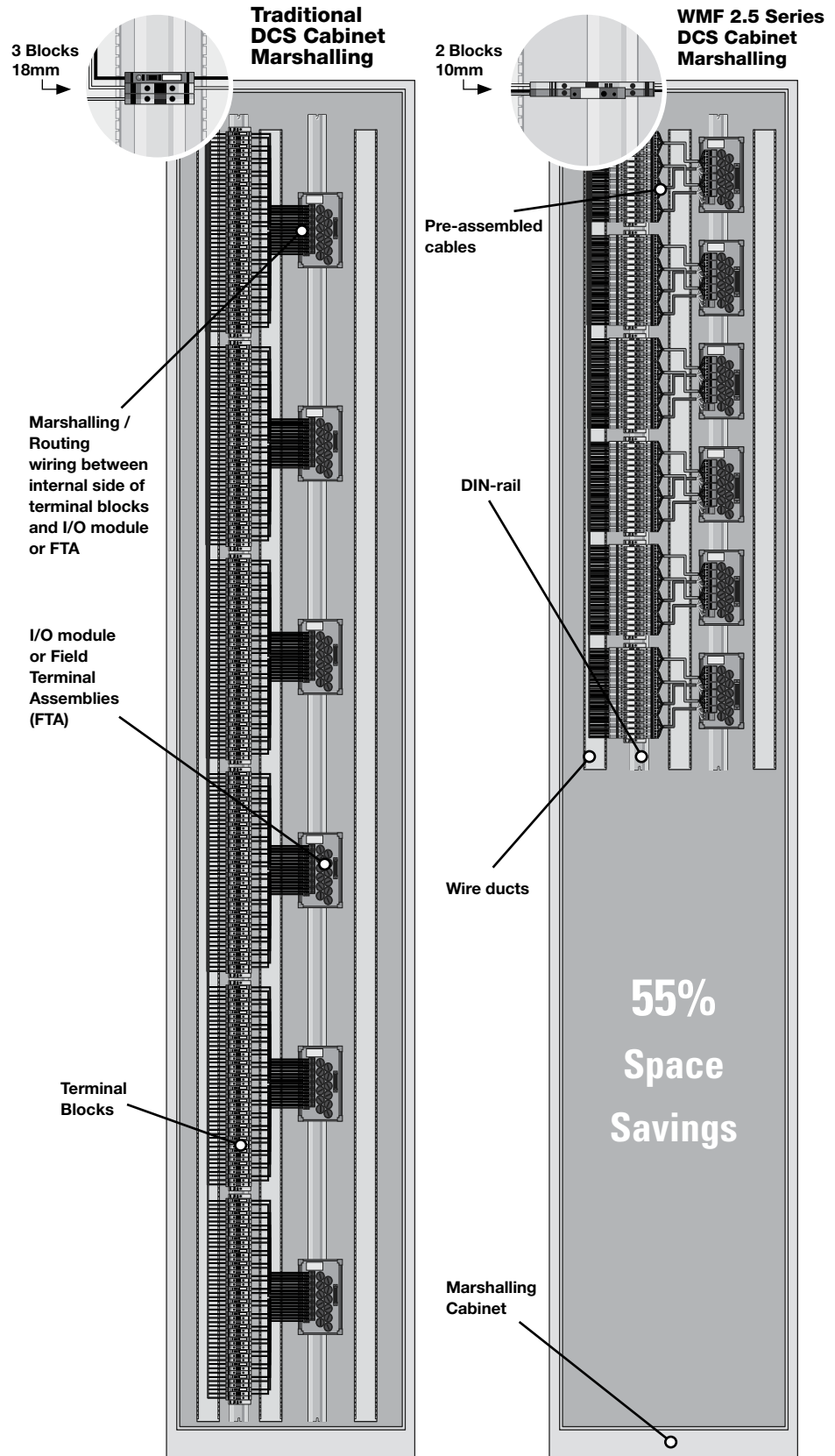
# WMF terminals – Weidmüller Multi-Functional

**The efficient and extremely flexible solution for the routing and distribution of signals**

In power generation control systems, incoming signals from field devices are often connected with terminal blocks located in DCS marshalling cabinets. Terminal blocks are used in place of, or along with, other termination technologies such as remote I/O modules and Fieldbus. Terminal blocks provide a robust, simple and clean way to connect and arrange signal wires.

Weidmüller's new WMF (Weidmüller Multi-Function) line of terminal blocks is specially designed to improve the way in which DCS marshalling, or signal routing and distribution is performed. This new line provides dramatic cabinet space savings, significant wiring time savings, and additional flexibility through the addition of three cross connection channels.

The WMF terminal blocks also feature an integrated shield or ground connection in both the feed through and fuse block terminals, eliminating the need for a separate ground block. The new fuse block design also features disconnect functionality. At only 5mm in width, the WMF blocks are 20% to 25% smaller than traditional feed-through and fuse blocks.



96 Signal Loops / 192 Connections

# WMF 2.5 Terminal Series

# WMF Terminals

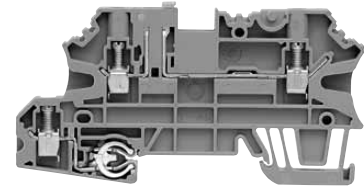
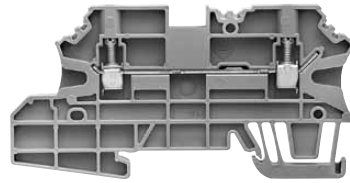
## Multi-functional terminals

## WMF 2.5

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

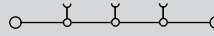
## WMF 2.5 DI PE

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

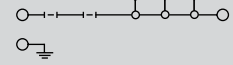


Width/Length/height with TS35x7.5 mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 Max. clamping range mm<sup>2</sup>

5.08 x 87 x 45  
**26 / 4**  
**0.05...4**



5.08 x 87 x 45  
**20 / 4**  
**0.05...4**



### Technical data

| Rated data                                 |                 |
|--|-----------------|
| Rated voltage                              | V               |
| Rated current                              | A               |
| Rated cross-section                        | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity | kV/-            |

| IEC         | UL  | CSA |
|-------------|-----|-----|
| 800         | 600 | 600 |
| 24          | 20  | 20  |
| 26...12 AWG |     |     |
| 8 kV/3      |     |     |

| IEC         | UL  | CSA |
|-------------|-----|-----|
| 500         | 600 | 600 |
| 20          | 19  | 19  |
| 26...12 AWG |     |     |
| 8 kV/3      |     |     |

### Further technical data

| Clamped conductors:                            |                 |
|--|-----------------|
| solid / stranded                               | mm <sup>2</sup> |
| flexible H07V-K                                | mm <sup>2</sup> |
| "f" with wire end ferrule acc. to DIN 46 228/1 |                 |
| "f" with wire end ferrule with plastic collar  |                 |
| Gauge to IEC 60947-1                           | Size            |
| Stripping length / Torque range                | mm              |

|                   |
|-------------------|
| 0.5...4 / 1.5...4 |
| 0.5...4           |
| 0.5...2.5         |
| 0.5...2.5         |
| A3                |
| 10 / 0.5 - 0.6    |

|                   |
|-------------------|
| 0.5...4 / 1.5...4 |
| 0.5...4           |
| 0.5...2.5         |
| 0.5...2.5         |
| A3                |
| 10 / 0.5 - 0.6    |

### Note

UL rated current = 26A (factory wiring only)  
 20A (factory and field wiring)  
 UL rated voltage = 600V at User Group B, C, D

UL rated voltages at User Group B, C, D

### Ordering data

| Version                     |
|-----------------------------|
| Dark beige Wemid            |
| Black Wemid                 |
| 10 - 36 V AC/DC, with LED   |
| 30 - 70 V AC/DC, with LED   |
| 60 - 15 V AC/DC, with LED   |
| 100 - 250 V AC/DC, with LED |

| Type    | Qty. | Part No.   |
|---------|------|------------|
| WMF 2.5 | 50   | 1143070000 |

| Type              | Qty. | Part No.   |
|-------------------|------|------------|
| WMF 2.5 DI PE     | 50   | 1143030000 |
| WMF 2.5 DI PE StB | 50   | 1167340000 |

### Note

### Accessories

| End plate / partition     | Version     |
|---------------------------|-------------|
| AP WMF2.5; Pitch = 1.5 mm | Beige Wemid |

| Mounting block for socket connector |
|-------------------------------------|
| Without peg                         |

| Cross-connection |         |
|------------------|---------|
| ZQV 2.5N         | 2-pole  |
|                  | 3-pole  |
|                  | 4-pole  |
|                  | 10-pole |
|                  | 20-pole |

| Screwdriver           |  |
|-----------------------|--|
| SD acc. to DIN 5264-A |  |

| Module connector (max. 250 V) |                   |
|-------------------------------|-------------------|
|                               | Without fittings  |
|                               | With wire jumper  |
|                               | With 1N4007 diode |

| Holder for cartridge fuse, 5 x 20 mm |                            |
|--------------------------------------|----------------------------|
|                                      | 400 V AC/DC, without LED   |
|                                      | 10 - 36 V AC/DC, red LED   |
|                                      | 140 - 250 V AC/DC, red LED |

| Disconnect plug |              |
|-----------------|--------------|
|                 | Yellow Wemid |

| Marking tags |  | Printout |
|--------------|--|----------|
| DEK          |  | neutral  |
| WS           |  | neutral  |

| Type      | Qty. | Part No.   |
|-----------|------|------------|
| AP WMF2.5 | 1    | 1142990000 |

| Type           | Qty. | Part No.   |
|----------------|------|------------|
| ZQV 2.5N/2 GE  | 60   | 1693800000 |
| ZQV 2.5N/3 GE  | 60   | 1693810000 |
| ZQV 2.5N/4 GE  | 60   | 1693820000 |
| ZQV 2.5N/10 GE | 20   | 1693880000 |
| ZQV 2.5N/20 GE | 10   | 1909000000 |

|                |   |            |
|----------------|---|------------|
| SD 0.6x3.5x100 | 1 | 9008330000 |
|----------------|---|------------|

| Type      | Qty. | Part No.   |
|-----------|------|------------|
| AP WMF2.5 | 1    | 1142990000 |

| Type           | Qty. | Part No.   |
|----------------|------|------------|
| ZQV 2.5N/2 GE  | 60   | 1693800000 |
| ZQV 2.5N/3 GE  | 60   | 1693810000 |
| ZQV 2.5N/4 GE  | 60   | 1693820000 |
| ZQV 2.5N/10 GE | 20   | 1693880000 |
| ZQV 2.5N/20 GE | 10   | 1909000000 |

|                |   |            |
|----------------|---|------------|
| SD 0.6x3.5x100 | 1 | 9008330000 |
|----------------|---|------------|

|           |    |            |
|-----------|----|------------|
| BEST      | 50 | 1833100000 |
| BEST/DRBR | 50 | 1878570000 |
| BEST/D    | 50 | 1878560000 |

| Type                   | Width | Qty. | Part No.   |
|------------------------|-------|------|------------|
| SIHA 3/G20             | 6 mm  | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 6 mm  | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 6 mm  | 25   | 7921600000 |

| Type                   | Width | Qty. | Part No.   |
|------------------------|-------|------|------------|
| SIHA 3/G20             | 6 mm  | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 6 mm  | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 6 mm  | 25   | 7921600000 |

|      |    |            |
|------|----|------------|
| TNST | 50 | 1833090000 |
|------|----|------------|

|                   |      |            |
|-------------------|------|------------|
| DEK 5             | 1000 | 1609801044 |
| WS 10/5 MC Middle | 720  | 1792000000 |

|                   |      |            |
|-------------------|------|------------|
| DEK 5             | 1000 | 1609801044 |
| WS 10/5 MC Middle | 720  | 1792000000 |

Note: Terminal rails, end brackets, further marking material see assortment in general catalogue

# WMF Terminals

# WMF 2.5 Terminal Series

## Multi-functional terminals

Width/Length/height with TS35x7.5 mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 Max. clamping range mm<sup>2</sup>

### Technical data

| Rated data                                 |                 |
|--|-----------------|
| Rated voltage                              | V               |
| Rated current                              | A               |
| Rated cross-section                        | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity | kV/-            |

### Further technical data

| Clamped conductors:                            |                 |
|--|-----------------|
| solid / stranded                               | mm <sup>2</sup> |
| flexible H07V-K                                | mm <sup>2</sup> |
| "f" with wire end ferrule acc. to DIN 46 228/1 |                 |
| "f" with wire end ferrule with plastic collar  |                 |
| Gauge to IEC 60947-1                           | Size            |
| Stripping length / Torque range                | mm              |

### Note

## Ordering data

| Version                     |
|-----------------------------|
| Dark beige Wemid            |
| Black Wemid                 |
| 10 - 36 V AC/DC, with LED   |
| 30 - 70 V AC/DC, with LED   |
| 60 - 15 V AC/DC, with LED   |
| 100 - 250 V AC/DC, with LED |

### Note

## Accessories

| End plate / partition     | Version     |
|---------------------------|-------------|
| AP WMF2.5; Pitch = 1.5 mm | Beige Wemid |

| Mounting block for socket connector |
|-------------------------------------|
| Without peg                         |

| Cross-connection |         |
|------------------|---------|
| ZQV 2.5N         | 2-pole  |
|                  | 3-pole  |
|                  | 4-pole  |
|                  | 10-pole |
|                  | 20-pole |

| Screwdriver           |   |
|-----------------------|---|
| SD acc. to DIN 5264-A |  |

| Module connector (max. 250 V) |                   |
|-------------------------------|-------------------|
|                               | Without fittings  |
|                               | With wire jumper  |
|                               | With 1N4007 diode |

| Holder for cartridge fuse, 5 x 20 mm |                            |
|--------------------------------------|----------------------------|
|                                      | 400 V AC/DC, without LED   |
|                                      | 10 - 36 V AC/DC, red LED   |
|                                      | 140 - 250 V AC/DC, red LED |

| Disconnect plug |              |
|-----------------|--------------|
|                 | Yellow Wemid |

| Marking tags                        | Printout |
|-------------------------------------|----------|
| DEK                                 | neutral  |
| WS                                  | neutral  |
| WAD cover for unused plug positions |          |

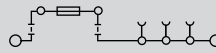
**Note:** Terminal rails, end brackets, further marking material see assortment in general catalogue

## WMF 2.5 FU

2.5 mm<sup>2</sup>



5.08 x 87 x 72  
**17 / 4**  
**0.05...4**



| IEC         | UL  | CSA |
|-------------|-----|-----|
| 500         | 600 | 600 |
| 6.3         | 17  | 17  |
| 26...12 AWG |     |     |
| 8 kV/3      |     |     |

|                   |
|-------------------|
| 0.5...4 / 1.5...4 |
| 0.5...4           |
| 0.5...2.5         |
| 0.5...2.5         |
| A3                |
| 10 / 0.5 - 0.6    |

UL rated voltage = 600V at User Group B, C, D

| Type                   | Qty. | Part No.          |
|------------------------|------|-------------------|
| WMF 2.5 FU SW          | 50   | <b>1162920000</b> |
| WMF 2.5 FU 10-36V SW   | 50   | <b>1162930000</b> |
| WMF 2.5 FU 30-70V SW   | 50   | <b>1162940000</b> |
| WMF 2.5 FU 60-150V SW  | 50   | <b>1162950000</b> |
| WMF 2.5 FU 100-250V SW | 50   | <b>1162960000</b> |

LED versions with low leakage current < 0.5 mA

| Type      | Qty. | Part No.          |
|-----------|------|-------------------|
| AP WMF2.5 | 1    | <b>1142990000</b> |

|                |    | Width             |
|----------------|----|-------------------|
| ZQV 2.5N/2 GE  | 60 | <b>1693800000</b> |
| ZQV 2.5N/3 GE  | 60 | <b>1693810000</b> |
| ZQV 2.5N/4 GE  | 60 | <b>1693820000</b> |
| ZQV 2.5N/10 GE | 20 | <b>1693880000</b> |
| ZQV 2.5N/20 GE | 10 | <b>1909000000</b> |

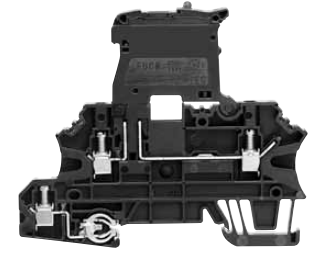
|                |   |                   |
|----------------|---|-------------------|
| SD 0.6x3.5x100 | 1 | <b>9008330000</b> |
|----------------|---|-------------------|

|                        |      | Width                |
|------------------------|------|----------------------|
| SIHA 3/G20             | 6 mm | 25 <b>7921560000</b> |
| SIHA 3/G20/LD 10-36V   | 6 mm | 25 <b>7921570000</b> |
| SIHA 3/G20/LD 140-250V | 6 mm | 25 <b>7921600000</b> |

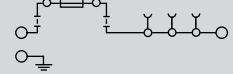
|                   |      |                   |
|-------------------|------|-------------------|
| DEK 5             | 1000 | <b>1609801044</b> |
| WS 10/5 MC Middle | 720  | <b>1792000000</b> |

## WMF 2.5 FU PE

2.5 mm<sup>2</sup>



5.08 x 87 x 72  
**17 / 4**  
**0.05...4**



| IEC         | UL  | CSA |
|-------------|-----|-----|
| 500         | 600 | 600 |
| 6.3         | 17  | 17  |
| 26...12 AWG |     |     |
| 8 kV/3      |     |     |

|                   |
|-------------------|
| 0.5...4 / 1.5...4 |
| 0.5...4           |
| 0.5...2.5         |
| 0.5...2.5         |
| A3                |
| 10 / 0.5 - 0.6    |

UL rated voltage = 600V at User Group B, C, D

| Type                      | Qty. | Part No.          |
|---------------------------|------|-------------------|
| WMF 2.5 FU PE SW          | 50   | <b>1163040000</b> |
| WMF 2.5 FU PE 10-36V SW   | 50   | <b>1163050000</b> |
| WMF 2.5 FU PE 30-70V SW   | 50   | <b>1163060000</b> |
| WMF 2.5 FU PE 60-150V SW  | 50   | <b>1163070000</b> |
| WMF 2.5 FU PE 100-250V SW | 50   | <b>1163080000</b> |

LED versions with low leakage current < 0.5 mA

| Type      | Qty. | Part No.          |
|-----------|------|-------------------|
| AP WMF2.5 | 1    | <b>1142990000</b> |

|                |    | Width             |
|----------------|----|-------------------|
| ZQV 2.5N/2 GE  | 60 | <b>1693800000</b> |
| ZQV 2.5N/3 GE  | 60 | <b>1693810000</b> |
| ZQV 2.5N/4 GE  | 60 | <b>1693820000</b> |
| ZQV 2.5N/10 GE | 20 | <b>1693880000</b> |
| ZQV 2.5N/20 GE | 10 | <b>1909000000</b> |

|                |   |                   |
|----------------|---|-------------------|
| SD 0.6x3.5x100 | 1 | <b>9008330000</b> |
|----------------|---|-------------------|

|                        |      | Width                |
|------------------------|------|----------------------|
| SIHA 3/G20             | 6 mm | 25 <b>7921560000</b> |
| SIHA 3/G20/LD 10-36V   | 6 mm | 25 <b>7921570000</b> |
| SIHA 3/G20/LD 140-250V | 6 mm | 25 <b>7921600000</b> |

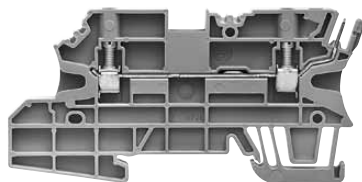
|                   |      |                   |
|-------------------|------|-------------------|
| DEK 5             | 1000 | <b>1609801044</b> |
| WS 10/5 MC Middle | 720  | <b>1792000000</b> |

# WMF 2.5 Terminal Series

# WMF Terminals

## WMF 2.5 BLZ

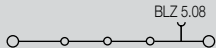
2.5 mm<sup>2</sup>



5.08 x 87 x 45

26 / 4

0.05...4



BLZ 5.08

| IEC         | UL  | CSA |
|-------------|-----|-----|
| 250         | 300 | 300 |
| 16          | 20  | 20  |
| 26...12 AWG |     |     |
| 8 kV/3      |     |     |

0.5...4 / 1.5...4

0.5...4

0.5...2.5

0.5...2.5

A3

10 / 0.5 - 0.6

UL rated current = 26A (factory wiring only)  
20A (factory and field wiring)  
15A (at BLZ plug)

| Type        | Qty. | Part No.   |
|-------------|------|------------|
| WMF 2.5 BLZ | 50   | 1143050000 |

UL rated voltages / current: 300V at User Group B  
150V / 15A at User Group D  
300V / 10A at User Group D

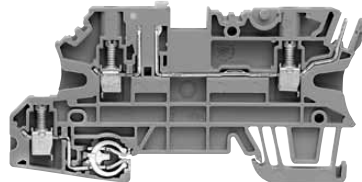
| Type           | Qty. | Part No.   |
|----------------|------|------------|
| AP WMF2.5      | 1    | 1142990000 |
| WBB WMF2.5 BLZ | 1    | 1142980000 |
| ZQV 2.5N/2 GE  | 60   | 1693800000 |
| ZQV 2.5N/3 GE  | 60   | 1693810000 |
| ZQV 2.5N/4 GE  | 60   | 1693820000 |
| ZQV 2.5N/10 GE | 20   | 1693880000 |
| ZQV 2.5N/20 GE | 10   | 1909000000 |
| SD 0.6x3.5x100 | 1    | 9008330000 |

|                        | Width |    |            |
|------------------------|-------|----|------------|
| SIHA 3/G20             | 6 mm  | 25 | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 6 mm  | 25 | 7921570000 |
| SIHA 3/G20/LD 140-250V | 6 mm  | 25 | 7921600000 |

|                   |      |            |
|-------------------|------|------------|
| DEK 5             | 1000 | 1609801044 |
| WS 10/5 MC Middle | 720  | 1792000000 |
| WAD WMF2.5        | 1    | 1142970000 |

## WMF 2.5 DI BLZ PE

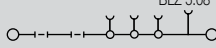
2.5 mm<sup>2</sup>



5.08 x 87 x 45

19 / 4

0.05...4



BLZ 5.08

| IEC         | UL  | CSA |
|-------------|-----|-----|
| 250         | 300 | 300 |
| 16          | 19  | 19  |
| 26...12 AWG |     |     |
| 8 kV/3      |     |     |

0.5...4 / 1.5...4

0.5...4

0.5...2.5

0.5...2.5

A3

10 / 0.5 - 0.6

UL rated voltages / current: 300V at User Group B  
150V / 15A at User Group D  
300V / 10A at User Group D

| Type              | Qty. | Part No.   |
|-------------------|------|------------|
| WMF 2.5 DI BLZ PE | 50   | 1143010000 |

UL rated current: 14A at BLZ plug

| Type           | Qty. | Part No.   |
|----------------|------|------------|
| AP WMF2.5      | 1    | 1142990000 |
| WBB WMF2.5 BLZ | 1    | 1142980000 |
| ZQV 2.5N/2 GE  | 60   | 1693800000 |
| ZQV 2.5N/3 GE  | 60   | 1693810000 |
| ZQV 2.5N/4 GE  | 60   | 1693820000 |
| ZQV 2.5N/10 GE | 20   | 1693880000 |
| ZQV 2.5N/20 GE | 10   | 1909000000 |
| SD 0.6x3.5x100 | 1    | 9008330000 |

|           |    |            |
|-----------|----|------------|
| BEST      | 50 | 1833100000 |
| BEST/DRBR | 50 | 1878570000 |
| BEST/D    | 50 | 1878560000 |

|                        | Width |    |            |
|------------------------|-------|----|------------|
| SIHA 3/G20             | 6 mm  | 25 | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 6 mm  | 25 | 7921570000 |
| SIHA 3/G20/LD 140-250V | 6 mm  | 25 | 7921600000 |

|      |    |            |
|------|----|------------|
| TNST | 50 | 1833090000 |
|------|----|------------|

|                   |      |            |
|-------------------|------|------------|
| DEK 5             | 1000 | 1609801044 |
| WS 10/5 MC Middle | 720  | 1792000000 |
| WAD WMF2.5        | 1    | 1142970000 |

## WMF 2.5 FU BLZ

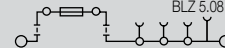
2.5 mm<sup>2</sup>



5.08 x 87 x 72

15 / 4

0.05...4



BLZ 5.08

| IEC         | UL  | CSA |
|-------------|-----|-----|
| 250         | 300 | 300 |
| 6.3         | 10  | 10  |
| 26...12 AWG |     |     |
| 8 kV/3      |     |     |

0.5...4 / 1.5...4

0.5...4

0.5...2.5

0.5...2.5

A3

10 / 0.5 - 0.6

UL rated voltages / current: 300V at User Group B  
150V / 15A at User Group D  
300V / 10A at User Group D  
8.5A at BLZ plug

| Type                       | Qty. | Part No.   |
|----------------------------|------|------------|
| WMF 2.5 FU BLZ SW          | 50   | 1162980000 |
| WMF 2.5 FU BLZ 10-36V SW   | 50   | 1162990000 |
| WMF 2.5 FU BLZ 30-70V SW   | 50   | 1163000000 |
| WMF 2.5 FU BLZ 60-150V SW  | 50   | 1163010000 |
| WMF 2.5 FU BLZ 100-250V SW | 50   | 1163020000 |

LED versions with low leakage current < 0.5 mA

| Type           | Qty. | Part No.   |
|----------------|------|------------|
| AP WMF2.5      | 1    | 1142990000 |
| WBB WMF2.5 BLZ | 1    | 1142980000 |
| ZQV 2.5N/2 GE  | 60   | 1693800000 |
| ZQV 2.5N/3 GE  | 60   | 1693810000 |
| ZQV 2.5N/4 GE  | 60   | 1693820000 |
| ZQV 2.5N/10 GE | 20   | 1693880000 |
| ZQV 2.5N/20 GE | 10   | 1909000000 |
| SD 0.6x3.5x100 | 1    | 9008330000 |

|                        | Width |    |            |
|------------------------|-------|----|------------|
| SIHA 3/G20             | 6 mm  | 25 | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 6 mm  | 25 | 7921570000 |
| SIHA 3/G20/LD 140-250V | 6 mm  | 25 | 7921600000 |

|                   |      |            |
|-------------------|------|------------|
| DEK 5             | 1000 | 1609801044 |
| WS 10/5 MC Middle | 720  | 1792000000 |
| WAD WMF2.5        | 1    | 1142970000 |

# WMF Terminals

## Multi-functional terminals

|   |                   |
|---|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                 |                 |
|--|-----------------|
| Rated voltage                              | V               |
| Rated current                              | A               |
| Rated cross-section                        | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity | kV/-            |

### Further technical data

|  |                 |
|--|-----------------|
| Clamped conductors:                            |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible H07V-K                                | mm <sup>2</sup> |
| *f* with wire end ferrule acc. to DIN 46 228/1 |                 |
| *f* with wire end ferrule with plastic collar  |                 |
| Gauge to IEC 60947-1                           | Size            |
| Stripping length / Torque range                | mm              |

### Note

## Ordering data

| Version                     |
|-----------------------------|
| Dark beige Wemid            |
| Black Wemid                 |
| 10 - 36 V AC/DC, with LED   |
| 30 - 70 V AC/DC, with LED   |
| 60 - 15 V AC/DC, with LED   |
| 100 - 250 V AC/DC, with LED |

### Note

## Accessories

| End plate / partition     | Version     |
|---------------------------|-------------|
| AP WMF2.5; Pitch = 1.5 mm | Beige Wemid |

### Mounting block for socket connector

Without peg

### Cross-connection

|          |         |
|----------|---------|
| ZQV 2.5N | 2-pole  |
|          | 3-pole  |
|          | 4-pole  |
|          | 10-pole |
|          | 20-pole |



### Screwdriver

|                       |  |
|-----------------------|--|
| SD acc. to DIN 5264-A |  |
|-----------------------|--|

### Module connector (max. 250 V)

Without fittings  
With wire jumper  
With 1N4007 diode

### Holder for cartridge fuse, 5 x 20 mm

400 V AC/DC, without LED  
10 - 36 V AC/DC, red LED  
140 - 250 V AC/DC, red LED

### Disconnect plug

Yellow Wemid

### Marking tags

### Printout

|                                     |         |
|-------------------------------------|---------|
| DEK                                 | neutral |
| WS                                  | neutral |
| WAD cover for unused plug positions |         |

**Note:** Terminal rails, end brackets, further marking material see assortment in general catalogue

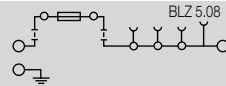
## WMF 2.5 FU BLZ PE SW 2.5 mm<sup>2</sup>



5.08 x 87 x 72

15 / 4

0.05...4



| IEC         | UL  | CSA |
|-------------|-----|-----|
| 250         | 300 | 300 |
| 6.3         | 10  | 10  |
| 26...12 AWG |     |     |
| 8 kV/3      |     |     |

|                   |
|-------------------|
| 0.5...4 / 1.5...4 |
| 0.5...4           |
| 0.5...2.5         |
| 0.5...2.5         |
| A3                |
| 10 / 0.5 - 0.6    |

UL rated voltages / current: 300V at User Group B  
150V / 15A at User Group D  
300V / 10A at User Group D  
8.5A at BLZ plug

| Type   | Qty. | Part No.   |
|--|------|------------|
| WMF 2.5 FU BLZ PE SW                           | 50   | 1162820000 |
| WMF 2.5 FU BLZ PE 10-36V SW                    | 50   | 1162830000 |
| WMF 2.5 FU BLZ PE 30-70V SW                    | 50   | 1162840000 |
| WMF 2.5 FU BLZ PE 60-150V SW                   | 50   | 1162850000 |
| WMF 2.5 FU BLZ PE 100-250V SW                  | 50   | 1162860000 |
| LED versions with low leakage current < 0.5 mA |      |            |

| Type      | Qty. | Part No.   |
|-----------|------|------------|
| AP WMF2.5 | 1    | 1142990000 |

### WBB WMF2.5 BLZ

|                |    |            |
|----------------|----|------------|
| ZQV 2.5N/2 GE  | 60 | 1693800000 |
| ZQV 2.5N/3 GE  | 60 | 1693810000 |
| ZQV 2.5N/4 GE  | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 20 | 1693880000 |
| ZQV 2.5N/20 GE | 10 | 1909000000 |

|                |   |            |
|----------------|---|------------|
| SD 0.6x3.5x100 | 1 | 9008330000 |
|----------------|---|------------|

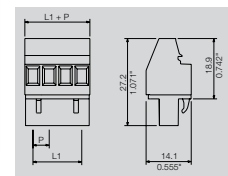
|                        | Width |    |            |
|------------------------|-------|----|------------|
| SIHA 3/G20             | 6 mm  | 25 | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 6 mm  | 25 | 7921570000 |
| SIHA 3/G20/LD 140-250V | 6 mm  | 25 | 7921600000 |

|                   |      |            |
|-------------------|------|------------|
| DEK 5             | 1000 | 1609801044 |
| WS 10/5 MC Middle | 720  | 1792000000 |
| WAD WMF2.5        | 1    | 1142970000 |

# WMF 2.5 Terminal Series

## BLZP 5.08/90

Can be mounted side-by-side without sacrificing any poles



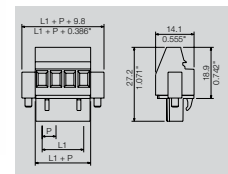
## Ordering data

### Pitch 5.08 mm

| Color of plastic |               | Orange | Black                 |
|------------------|---------------|--------|-----------------------|
| Poles            | L1 mm (inch)  | Qty.   | Part No. Part No.     |
| 2                | 5.08 (0.200)  | 180    | 1948000000 1948240000 |
| 4                | 15.24 (0.600) | 90     | 1948020000 1948260000 |
| 8                | 35.56 (1.400) | 42     | 1948060000 1948300000 |
| 12               | 55.88 (2.200) | 30     | 1948110000 1948340000 |
| 16               | 76.20 (3.000) | 18     | 1948150000 1948380000 |

## BLZP 5.08/90F

With screw flange



## Ordering data

### Pitch 5.08 mm

| Color of plastic |               | Orange | Black                 |
|------------------|---------------|--------|-----------------------|
| Poles            | L1 mm (inch)  | Qty.   | Part No. Part No.     |
| 2                | 5.08 (0.200)  | 90     | 1949800000 1950040000 |
| 4                | 15.24 (0.600) | 60     | 1949820000 1950060000 |
| 8                | 35.56 (1.400) | 36     | 1949860000 1950100000 |
| 12               | 55.88 (2.200) | 24     | 1949900000 1950140000 |
| 16               | 76.20 (3.000) | 18     | 1949940000 1950180000 |

## Technical data

### Rated data to IEC 60664-1 / IEC 61984

|                             |                 |             |
|-----------------------------|-----------------|-------------|
| Clamping range, max.        | mm <sup>2</sup> | 0.13...4    |
| Solid H05(07) V-U           | mm <sup>2</sup> | 0.2...4     |
| Stranded H07 V-R            | mm <sup>2</sup> |             |
| Flexible H05(07) V-K        | mm <sup>2</sup> | 0.2...4     |
| Flexible with ferrule       | mm <sup>2</sup> | 0.2...4     |
| Ferrule with plastic collar | mm <sup>2</sup> | 0.2...2.5   |
| Stripping length            | mm              | 7           |
| Screwdriver blade           | mm              | 0.6 x 3.5   |
| according to norm           |                 | DIN 5264    |
| Tightening torque range     | Nm              | 0.4 ... 0.5 |

### Rated current

| at ambient temperature | 20 °C | 40 °C |
|------------------------|-------|-------|
| A                      | 15    | 12    |

### Overvoltage category

|     |     |    |
|-----|-----|----|
| III | III | II |
|-----|-----|----|

### Pollution severity

|   |   |   |
|---|---|---|
| 3 | 2 | 2 |
|---|---|---|

|               |   |     |     |     |
|---------------|---|-----|-----|-----|
| Rated voltage | V | 250 | 320 | 400 |
|---------------|---|-----|-----|-----|

|                       |    |   |   |   |
|-----------------------|----|---|---|---|
| Rated impulse voltage | kV | 4 | 4 | 4 |
|-----------------------|----|---|---|---|

### UL 1059 rated data

|                 |   |     |     |
|-----------------|---|-----|-----|
| Nominal voltage | V | 300 | 300 |
|-----------------|---|-----|-----|

|               |   |    |    |
|---------------|---|----|----|
| Rated current | A | 15 | 10 |
|---------------|---|----|----|

|               |  |       |
|---------------|--|-------|
| AWG conductor |  | 26-12 |
|---------------|--|-------|

### CSA C22.2 rated data

|                 |   |     |     |
|-----------------|---|-----|-----|
| Nominal voltage | V | 300 | 300 |
|-----------------|---|-----|-----|

|               |   |    |    |
|---------------|---|----|----|
| Rated current | A | 10 | 10 |
|---------------|---|----|----|

|               |  |       |
|---------------|--|-------|
| AWG conductor |  | 26-12 |
|---------------|--|-------|

### Material data

|                             |     |
|-----------------------------|-----|
| Type of insulating material | PBT |
|-----------------------------|-----|

|                              |     |
|------------------------------|-----|
| Flammability class acc. UL94 | V-0 |
|------------------------------|-----|

|                       |              |
|-----------------------|--------------|
| Contact base material | Copper alloy |
|-----------------------|--------------|

|                             |        |
|-----------------------------|--------|
| Material of contact surface | tinned |
|-----------------------------|--------|