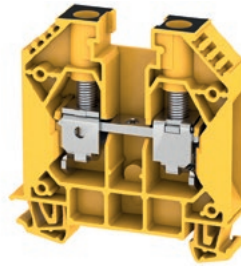




## WDU 16

16 mm<sup>2</sup>



## WDU 16N

16 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>   |

|                  |  |
|------------------|--|
| 11.9 x 60 x 62.5 |  |
| <b>101 / 25</b>  |  |
| <b>0.82...25</b> |  |

|                 |  |
|-----------------|--|
| 12 x 60 x 46.5  |  |
| <b>101 / 25</b> |  |
| <b>1.5...25</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> |
| Tightening torque / Clamping screw                   | Nm              |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / Stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

| IEC 60947-7-1           |    |                    |                    |
|-------------------------|----|--------------------|--------------------|
| Ex eb II C Gb  II 2 G D |    |                    |                    |
| IEC                     | UL | CSA                | EN 60079-7         |
| 1000                    |    |                    | 690                |
| 76                      |    |                    | 76                 |
| 16                      |    |                    | 16 mm <sup>2</sup> |
| 8 kV / 3                |    |                    |                    |
| B7 / V-0                |    |                    |                    |
| CE    DEMKO14ATEX1338U  |    |                    |                    |
| Rated connection        |    | Further connection |                    |
| 1.5...16 / 1.5...25     |    |                    |                    |
| 1.5...25 / 1.5...16     |    |                    |                    |
| 3...4 / (M 5)           |    |                    |                    |
| 16 / 1.0 x 5.5 mm       |    |                    |                    |
| 1.5...6 / 1.5...6       |    |                    |                    |
| 1.5...6 / 1.5...6       |    |                    |                    |

| IEC 60947-7-1       |            |                    |            |
|---------------------|------------|--------------------|------------|
| IEC                 | UL         | CSA                | EN 60079-7 |
| 690                 | 600        |                    |            |
| 76                  | 70         |                    |            |
| 16                  | AWG 14...6 |                    |            |
| 8 kV / 3            |            |                    |            |
| B7 / V-0            |            |                    |            |
| CE                  |            |                    |            |
| Rated connection    |            | Further connection |            |
| 1.5...16 / 1.5...25 |            |                    |            |
| 1.5...16 / 1.5...16 |            |                    |            |
| 1.2...2.4 / (M 4)   |            |                    |            |
| 12 / 1.0 x 5.5 mm   |            |                    |            |

### Ordering data

| Version | yellow/black |
|---------|--------------|
| Note    |              |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| WDU 16 GE/SW | 50   | 2000040000 |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| WDU 16N GE/SW | 50   | 2000050000 |

### Accessories

| Screwable cross-connection  |                             |
|-----------------------------|-----------------------------|
|                             | 2-pole                      |
|                             | 3-pole                      |
|                             | 4-pole                      |
|                             | 10-pole                     |
| End plate / Partition plate |                             |
|                             | dark beige                  |
|                             | Blue                        |
| End bracket                 |                             |
|                             | dark beige, screwable       |
|                             | dark beige                  |
| Cover                       |                             |
|                             | black/yellow                |
|                             | white                       |
|                             | With lightning flash symbol |
|                             | Blank, white                |
| Additional connection       |                             |
|                             | 4mm <sup>2</sup>            |
|                             | 10 mm <sup>2</sup>          |
| Marking tags                |                             |
| Testing / Checking          |                             |
|                             | Standard                    |

| Type                    | Qty.     | Order No.  |
|-------------------------|----------|------------|
| WQV 16/2                | 101 A 50 | 1053260000 |
| WQV 16/10               | 101 A 10 | 1053360000 |
| WAP 16+35 WTW 2.5-10    | 20       | 1050100000 |
| WAP 16+35 WTW 2.5-10 BL | 20       | 1050180000 |
| WEW 35/1                | 50       | 1059000000 |
| WAD 12 MC B GE/SW       | 32       | 2445090000 |
| WAD 12 MC NE WS         | 32       | 2445070000 |
| DEK 5/5 MC NE WS        | 1000     | 1609801044 |
| WS 12/6.5 MC NE WS      | 540      | 1609920000 |

| Type              | Qty.    | Order No.  |
|-------------------|---------|------------|
| WQV 16N/2         | 76 A 50 | 1636560000 |
| WQV 16N/4         | 76 A 50 | 1636580000 |
| WTW EN            | 20      | 1058800000 |
| WEW 35/2          | 50      | 1061200000 |
| WAD 12N GE BED    | 50      | 1073200000 |
| WAD 12N WS        | 50      | 1073290000 |
| DEK 5/5 MC NE WS  | 1000    | 1609801044 |
| WS 10/12 MC NE WS | 300     | 1905970000 |
| WTA 2 WDU2.5-10   | 6 A 25  | 1632320000 |

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

## Shielding and earthing

### Functional earth – Screw connection



|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Height/Depth                      | 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               |
| 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> |
| Tightening torque / Clamping screw                   | Nm              |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / Stranded                                     | -               |
| Flexible / Flexible with ferrule                     | -               |
| Note                                                 |                 |

#### Ordering data

| Version |              |
|---------|--------------|
|         | yellow/black |
| Note    |              |

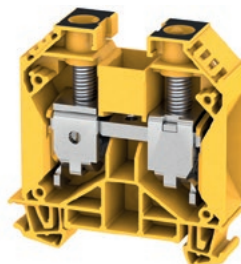
#### Accessories

| Screwable cross-connection  |                             |
|-----------------------------|-----------------------------|
|                             | 2-pole                      |
|                             | 3-pole                      |
|                             | 4-pole                      |
|                             | 10-pole                     |
| End plate / Partition plate |                             |
|                             | dark beige                  |
|                             | Blue                        |
| End bracket                 |                             |
|                             | dark beige, screwable       |
|                             | dark beige                  |
| Cover                       |                             |
|                             | black/yellow                |
|                             | white                       |
|                             | With lightning flash symbol |
|                             | Blank, white                |
| Additional connection       |                             |
|                             | 4mm <sup>2</sup>            |
|                             | 10 mm <sup>2</sup>          |
| Marking tags                |                             |
| Testing / Checking          |                             |
|                             | Standard                    |

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

#### WDU 35

35 mm<sup>2</sup>



|                 |
|-----------------|
| 16 x 60 x 62.5  |
| <b>150 / 50</b> |
| <b>2.5...50</b> |

|                                                                                                                                                                                                                                                       |    |                    |                                                                                   |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------------------|-----------------------------------------------------------------------------------|----------|
| IEC 60947-7-1                                                                                                                                                                                                                                         |    | Ex eb II<br>C Gb   |  | II 2 G D |
| IEC                                                                                                                                                                                                                                                   | UL | CSA                | EN 60079-7                                                                        |          |
| 1000                                                                                                                                                                                                                                                  |    |                    | 690                                                                               |          |
| 125                                                                                                                                                                                                                                                   |    |                    | 115                                                                               |          |
| 35                                                                                                                                                                                                                                                    |    |                    | 35 mm²                                                                            |          |
| 8 kV / 3                                                                                                                                                                                                                                              |    |                    |                                                                                   |          |
| B8 / V-0                                                                                                                                                                                                                                              |    |                    |                                                                                   |          |
|    |    |                    | DEMKO14ATEX1338U                                                                  |          |
| Rated connection                                                                                                                                                                                                                                      |    | Further connection |                                                                                   |          |
| 2.5...16 / 2.5...50                                                                                                                                                                                                                                   |    |                    |                                                                                   |          |
| 2.5...35 / 2.5...35                                                                                                                                                                                                                                   |    |                    |                                                                                   |          |
| 4...5 / (M 6)                                                                                                                                                                                                                                         |    |                    |                                                                                   |          |
| 18 / 6.5 x 1.2 mm                                                                                                                                                                                                                                     |    |                    |                                                                                   |          |
|                                                                                                                                                                                                                                                       |    |                    |                                                                                   |          |
|                                                                                                                                                                                                                                                       |    |                    |                                                                                   |          |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| WDU 35 GE/SW | 40   | 2000060000 |

| Type                    | Qty.     | Order No.  |
|-------------------------|----------|------------|
| WQV 35/2                | 138 A 50 | 1053060000 |
| WQV 35/10               | 112 A 10 | 1053160000 |
| WAP 16+35 WTW 2.5-10    | 20       | 1050100000 |
| WAP 16+35 WTW 2.5-10 BL | 20       | 1050180000 |
| WEW 35/1                | 50       | 1059000000 |
| WAD 12 MC B GE/SW       | 32       | 2445090000 |
| WAD 12 MC NE WS         | 32       | 2445070000 |
| DEK 5/5 MC NE WS        | 1000     | 1609801044 |
| WS 12/6.5 MC NE WS      | 540      | 1609920000 |

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

#### WDU 35N

35 mm<sup>2</sup>



|                 |
|-----------------|
| 16 x 66 x 50.5  |
| <b>150 / 50</b> |
| <b>2.5...50</b> |

|                     |                  |                                                                                     |            |
|---------------------|------------------|-------------------------------------------------------------------------------------|------------|
| IEC 60947-7-1       | Ex eb II<br>C Gb |  | II 2 G D   |
| IEC                 | UL               | CSA                                                                                 | EN 60079-7 |
| 500                 |                  |                                                                                     | 352        |
| 125                 |                  |                                                                                     | 110        |
| 35                  |                  |                                                                                     | 35 mm²     |
| 6 kV / 3            |                  |                                                                                     |            |
| B8 / V-0            |                  |                                                                                     |            |
| ® C E               |                  | DEMKO14ATEX1338U                                                                    |            |
| Rated connection    |                  | Further connection                                                                  |            |
| 2.5...16 / 2.5...50 |                  |                                                                                     |            |
| 2.5...35 / 2.5...35 |                  |                                                                                     |            |
| 4...5 / (M 6)       |                  |                                                                                     |            |
| 18 / 6.5 x 1.2 mm   |                  |                                                                                     |            |
|                     |                  |                                                                                     |            |
|                     |                  |                                                                                     |            |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| WDU 35N GE/SW | 20   | 2000090000 |

| Type               | Qty.     | Order No.  |
|--------------------|----------|------------|
| WQV 35N/2          | 125 A 20 | 1079200000 |
| WQV 35N/4          | 125 A 20 | 1079400000 |
| WTW EN             | 20       | 1058800000 |
| WEW 35/2           | 50       | 1061200000 |
| WAD 16N GE BED     | 50       | 1083600000 |
| DEK 5/5 MC NE WS   | 1000     | 1609801044 |
| WS 12/6.5 MC NE WS | 540      | 1609920000 |

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

WDU 50N

50 mm<sup>2</sup>



18.5 x 70 x 69.6

192 / 70

10...70



Ex eb II

C Gb



II 2 G D

IEC 60947-7-1

| IEC  | UL | CSA | EN 60079-7         |
|------|----|-----|--------------------|
| 1000 |    |     | 690                |
| 150  |    |     | 126                |
| 50   |    |     | 50 mm <sup>2</sup> |

8 kV / 3

B10 / V-0



DEMKO14ATEX1338U

| Rated connection   | Further connection |
|--------------------|--------------------|
| 6...16 / 6...70    |                    |
| 10...50            |                    |
| 3.5...6 / (M 6)    |                    |
| 24 / S4 (DIN 6911) |                    |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| WDU 50N GE/SW | 10   | 2000080000 |

| Type      | Qty.  | Order No.    |
|-----------|-------|--------------|
| WQV 50N/2 | 150 A | 5 1834060000 |
| WQV 50N/3 | 150 A | 5 1834070000 |
| WQV 50N/4 | 150 A | 5 1834080000 |

|          |    |            |
|----------|----|------------|
| WEW 35/1 | 50 | 1059000000 |
|----------|----|------------|

|               |    |            |
|---------------|----|------------|
| WAD 20 GE WSD | 10 | 9512260000 |
|---------------|----|------------|

|          |      |              |
|----------|------|--------------|
| WZAD 50N | 41 A | 5 1872720000 |
|----------|------|--------------|

|                    |      |            |
|--------------------|------|------------|
| DEK 5/5 MC NE WS   | 1000 | 1609801044 |
| WS 12/6.5 MC NE WS | 540  | 1609920000 |



## Shielding and earthing

### Functional earth – Screw connection



|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Height/Depth                      | 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               |
| 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> |
| Tightening torque / Clamping screw                   | Nm              |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / Stranded                                     | -               |
| Flexible / Flexible with ferrule                     | -               |
| Note                                                 |                 |

#### Ordering data

| Version | yellow/black |
|---------|--------------|
| Note    |              |

#### Accessories

| Screwable cross-connection  |  |
|-----------------------------|--|
| 2-pole                      |  |
| 3-pole                      |  |
| 4-pole                      |  |
| End bracket                 |  |
| dark beige, screwable       |  |
| Cover                       |  |
| With lightning flash symbol |  |
| Additional connection       |  |
| 10 mm <sup>2</sup>          |  |
| Marking tags                |  |

#### WDU 70N/35

70 mm<sup>2</sup>



|                 |  |
|-----------------|--|
| 20.5 x 75 x 85  |  |
| <b>232 / 95</b> |  |
| <b>16...95</b>  |  |

| IEC 60947-7-1                                                                                                                                                                                                                                         |           | Ex eb II<br>C Gb   |  II 2 G D |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|--------------------------------------------------------------------------------------------|
| IEC                                                                                                                                                                                                                                                   | UL        | CSA                | EN 60079-7                                                                                 |
| 1000                                                                                                                                                                                                                                                  | 600       |                    | 690                                                                                        |
| 192                                                                                                                                                                                                                                                   | 150       |                    | 184                                                                                        |
| 70                                                                                                                                                                                                                                                    | AWG 6...0 |                    | 70 mm²                                                                                     |
| 8 kV / 3                                                                                                                                                                                                                                              |           |                    |                                                                                            |
| B11 / V-0                                                                                                                                                                                                                                             |           |                    |                                                                                            |
|    |           | DEMKO14ATEX1338U   |                                                                                            |
| Rated connection                                                                                                                                                                                                                                      |           | Further connection |                                                                                            |
| 16...16 / 16...95                                                                                                                                                                                                                                     |           |                    |                                                                                            |
| 16...70 / 16...50                                                                                                                                                                                                                                     |           |                    |                                                                                            |
| 8...12 / (M 8)                                                                                                                                                                                                                                        |           |                    |                                                                                            |
| 22 / S6 (DIN 6911)                                                                                                                                                                                                                                    |           |                    |                                                                                            |
|                                                                                                                                                                                                                                                       |           |                    |                                                                                            |
|                                                                                                                                                                                                                                                       |           |                    |                                                                                            |

| Type             | Qty. | Order No.         |
|------------------|------|-------------------|
| WDU 70N/35 GE/SW | 10   | <b>2000100000</b> |

| Type               | Qty.    | Order No.         |
|--------------------|---------|-------------------|
| WQV 70N/2          | 192 A 5 | <b>9512240000</b> |
| WQV 70N/3          | 192 A 5 | <b>9512250000</b> |
| WQV 70N/4          | 192 A 5 | <b>9531290000</b> |
|                    |         |                   |
| WEW 35/1           | 50      | <b>1059000000</b> |
|                    |         |                   |
| WAD 20 GE WSD      | 10      | <b>9512260000</b> |
|                    |         |                   |
| WZAD 70N           | 41 A 5  | <b>1964830000</b> |
|                    |         |                   |
| DEK 5/5 MC NE WS   | 1000    | <b>1609801044</b> |
| WS 12/6.5 MC NE WS | 540     | <b>1609920000</b> |

#### WDU 95N/120N

120 mm<sup>2</sup>



|                  |  |
|------------------|--|
| 27 x 91 x 90     |  |
| <b>290 / 150</b> |  |
| <b>16...150</b>  |  |

| IEC 60947-7-1                                                                       |    |                    | Ex eb II<br>C Gb  | II 2 G D |
|-------------------------------------------------------------------------------------|----|--------------------|------------------------------------------------------------------------------------------------------|----------|
| IEC                                                                                 | UL | CSA                | EN 60079-7                                                                                           |          |
| 1000                                                                                |    |                    | 880                                                                                                  |          |
| 269                                                                                 |    |                    | 221                                                                                                  |          |
| 120                                                                                 |    |                    | 120 mm²                                                                                              |          |
| 8 kV / 3                                                                            |    |                    |                                                                                                      |          |
| B13 / V-0                                                                           |    |                    |                                                                                                      |          |
|  |    |                    | DEMKO14ATEX1338U                                                                                     |          |
| Rated connection                                                                    |    | Further connection |                                                                                                      |          |
| 16...16 / 16...150                                                                  |    |                    |                                                                                                      |          |
| 16...120                                                                            |    |                    |                                                                                                      |          |
| 12...20 / (M 10)                                                                    |    |                    |                                                                                                      |          |
| 27 / S6 (DIN 6911)                                                                  |    |                    |                                                                                                      |          |
|                                                                                     |    |                    |                                                                                                      |          |
|                                                                                     |    |                    |                                                                                                      |          |

| Type               | Qty. | Order No.         |
|--------------------|------|-------------------|
| WDU 95N/120N GE/SW | 5    | <b>2000110000</b> |

| Type               | Qty.    | Order No.         |
|--------------------|---------|-------------------|
| WQV 95N/120N/2     | 269 A 5 | <b>1826890000</b> |
| WQV 95N/120N/3     | 269 A 5 | <b>1826900000</b> |
| WQV 95N/120N/4     | 269 A 5 | <b>1826910000</b> |
|                    |         |                   |
| WEW 35/1           | 50      | <b>1059000000</b> |
|                    |         |                   |
| WAD 20 GE WSD      | 10      | <b>9512260000</b> |
|                    |         |                   |
| WZAD 95N/120N      | 41 A 5  | <b>1859580000</b> |
|                    |         |                   |
| DEK 5/5 MC NE WS   | 1000    | <b>1609801044</b> |
| WS 12/6.5 MC NE WS | 540     | <b>1609920000</b> |

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