

### W-series sets standards!

When it comes to functional perfection even in details, Weidmüller's W-series defines the market standards for many years now!

The W-series comprises products for conductor cross-sections between 1.5 and 300 mm<sup>2</sup> which can be used for all important electrical applications (connecting, protecting, disconnecting, measuring....). Especially in the following fields the W-series plays a major role:

- Industrial automation
- Building control
- Transport technology
- Process control

### Steady progress!

In the range of screw-connection terminals, no other product assortment available on the market has made such consequent improvements and has taken up new developments as the W-series! This success is reflected by our current new developments:

- **WPE 1.5/ R3.5** (prot. conductor terminals) extension of the slimmest product family (3.5 mm) for TS 15 available on the market
- **WDU 4N** (feed-through terminals)  
**WPE 4N** (prot. conductor terminals) Extension of the range of "compact design" terminals, which are especially conceived for confined spaces
- **WDU 10ZR** (feed-through terminals)  
**WPE 10ZR** (prot. conductor terminals) 10 mm<sup>2</sup> terminal with in total 4 mm<sup>2</sup> connection for measuring and control applications
- **WDU 240** (feed-through terminals) Acc. to clamping yoke principle for all nominal cross-sections.  
WDU 50 / WDU 95 under preparation
- **WF 6-12** (stud terminals) New assortment of single-stud terminals in Wemid (V0) and up to 2300 V
- **ST 4000** (stud terminals) New range of double-stud terminals with a rated voltage of V0 and 4000 V, in particular suitable for railway applications. Weidmüller is the only supplier of stud terminals in the range 0...4000 V.

What is more, all products currently available are continuously improved to fulfill the demands of our customers. Examples:

- **WPE 2.5 / WPE 4**
- **WDK 2.5 F** product range
- **WNT 2.5**

### W-series offers advantages

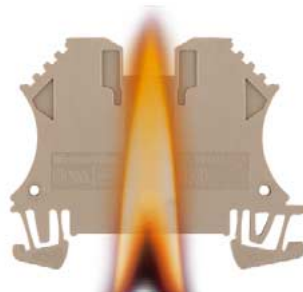
The W-series provides the highest number of advantages compared to all other screw-connection terminals currently available!

#### 1) Easy project planning

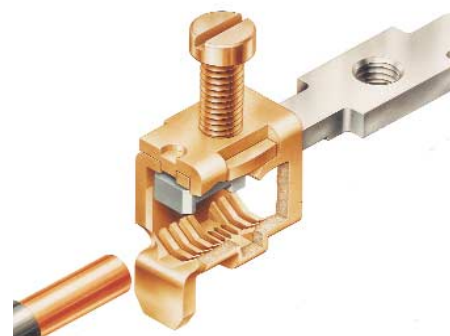
- matching contour dimensions between 1.5 – 16 mm<sup>2</sup> in standard design
- uniform accessories for different cross-section ranges (WDU 2.5 to WDU 16)
- convenient terminal marking options thanks to two marking systems, WS / DEK
- special design of clamping units for connection of 2 conductors (see chapter "Accessories"/page 311)
- Optional selection between standard design with all features and the space-saving compact design for feed-through terminals

#### 2) Maximum safety level

- Wemid insulating material



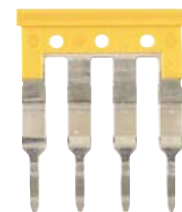
- best tracking index - non-tracking CTI 600
- temperature-resistant up to 120 °C - no derating up to 75 °C
- self-extinguishing – V0 according to UL
- no harmful substances
- safe from finger-touch (according to VGB 4)
- Best contact reliability thanks to patented clamping yoke system



- 2 conductors of the same cross-section can be connected in EEx e
- no ferrules necessary
- large gas-tight contact – low voltage drop
- highly flexible conductors connectable
- high contact force
- 100 % vibration-proof – no retightening of clamping screws required

#### 3) Time-saving potential distribution with pluggable cross-connection system (ZQV)

40 % of all terminals are cross-connected! Weidmüller offers the screw cross-connection system WQV and the pluggable cross-connection system ZQV. The cross-connection system ZQV can be used for 75 % of all applications (feed-through and double-deck terminals 2.5 and 4 mm<sup>2</sup>, disconnect-test and fuse terminals).



- parallel routing of 2 or 3 potentials (WDU 2.5 and WDU 4)
- easy extension
- coloured marking
- safe from finger-touch (VGB 4)
- faster mounting than screw-type cross-connections

#### 4) Easy mounting

- ergonomic design through recessed grips
- snap-on and removal possible on both sides
- funnel-shaped wire insertion aperture
- no ferrules required
- self-centering on TS 35

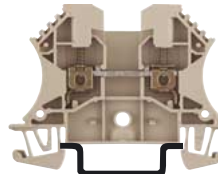
#### 5) Convenient testing options

- use of contact-proof test socket screw, partially also for mounted cross-connections WQV
- safe locking on terminal support with test adapter WTA

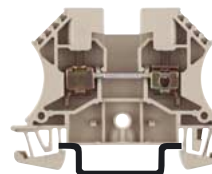
# Feed-through terminals

## Standard design

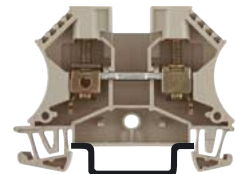
### WDU 2.5



### WDU 4



### WDU 6



Max. technical data

#### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

**VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1**

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

#### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

#### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup> / gauge pin iaw. 60 947-1 Size

Cont. current of cross-connect. WQV/ZQV 2-5-pole A

Cont. current of cross-connect. WQV/ZQV 6-10-pole A

#### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

#### Ordering data

Version

Dark beige Wemid

Blue Wemid

Orange PA

Block of 10 terminals, print. mark. DEK 5 1-9 Wemid

Block of 10 terminals, unprint. mark. DEK 5 neutral 1-9 Wemid

#### End plate/partition

Dark beige Wemid

Blue Wemid

Dark beige Wemid

Blue Wemid

WAP (thickn. 1.5 mm)



WTW

#### Cross-connection

2-pole WQV ZQV

3-pole WQV ZQV

4-pole WQV ZQV

5...9-pole WQV ZQV

10-pole WQV ZQV

50 and/or 41-pole WQV ZQV

Cross-connection comb WQV ZQV

Screening bar WQV ZQV

Notching tool WQV ZQV

#### Test adapter

WTA

TA 1

Strain relief

#### Test plug/socket (safe from finger-contact <sup>4)</sup>)

PS 2.3 Test plug (ø2.3 mm)

Test plug (ø4.0 mm)

Test socket screw 8.5 (ø2.3 mm)

StB 8.5 Test socket screw 14 (ø4.0 mm)

#### Covers

With symbol

White

WAD for self-labelling/white

#### Group marking

WGB T5 Tag carrier for S 10 markers

Marking tags

Print

DEK Standard

WS white neutral

WS indiv. printed

#### Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 1333100000

32 A/4 mm<sup>2</sup>

5/60/47

10 mm/M 2.5/3.5 x 0.6

800 V/24 A/2.5 mm<sup>2</sup>

8 kV/3

0.4...0.8

1

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5<sup>1)</sup>

0.13...4

32/24

32/24

600 V/25 A/22...12 AWG

600 V/20 A/26...12 AWG

Type Cat. No. Qty.

WDU 2.5 1020000000 100

WDU 2.5 1020080000 100

WDU 2.5 1020060000 100

WDU 2.5/10 1020700000 10

WDU 2.5/10 1020800000 10

Type Cat. No. Qty.

WAP 2.5-10 1050000000 50

WAP 2.5-10 1050080000 50

WTW 2.5-10 1050100000 20

WTW 2.5-10 1050180000 20

Type Cat. No. Qty.

WQV Qty. ZQV Qty.

1053660000 50 1693800000 60

1053760000 50 1693810000 60

1053860000 50 1693820000 60

WQV see p. 262 / ZQV see p. 263

1054460000 20 1693880000 20

50-pole: 1693890000 10

WQB B/24 1579060000 20

LS 2.8<sup>2)</sup> 1056400000 50

WAW 1 9004500000 1

WTA 2 1632320000 50

WTA 2/ZA 1632330000 50

WTA 2/10 1632340000 5

ZE 1 1632150000 50

PS 2.3 0180400000 20

StB 8.5 0215700000 50

WAD 5 1053460000 50

WAD 5 white 1056060000 50

WGB 5 1050760000 50

T 5 0348500000 100

SF 10 0332400000 1000

SG 10 0332500000 1000

DEK 5 see "Accessories"

WS 12/5 1609860000 720

WS 12/5 1773380000 300

41 A/6 mm<sup>2</sup>

6/60/47

10 mm/M 3/3.5 x 0.6

800 V/32 A/4 mm<sup>2</sup>

8 kV/3

0.5...1.0

2

0.5...6

1.5...6

0.5...6

0.5...4

0.5...4

0.13...6

41/32

41/32

600 V/35 A/22...10 AWG

600 V/35 A/26...10 AWG

Type Cat. No. Qty.

WDU 4 1020100000 100

WDU 4 1020180000 100

WDU 4/10 1020900000 10

WDU 4/10 1021000000 10

Type Cat. No. Qty.

WAP 2.5-10 1050000000 50

WAP 2.5-10 1050080000 50

WTW 2.5-10 1050100000 20

WTW 2.5-10 1050180000 20

Type Cat. No. Qty.

WQV Qty. ZQV Qty.

1051960000 50 1758250000 60

1054560000 50 1762630000 60

1054660000 50 1762660000 60

WQV see p. 262 / ZQV see p. 263

1052060000 20 1758260000 20

41-pole: 1758270000 10

WQB A/24 1579000000 20

LS 2.8<sup>2)</sup> 1056400000 50

WAW 1 9004500000 1

WTA 3 1632350000 50

WTA 3/ZA 1632360000 50

WTA 3/10 1632370000 5

ZE 1 1632150000 50

PS 2.3 0180400000 20

StB 8.5 0280600000 50

WAD 5 1053460000 50

WAD 5 white 1056060000 50

WGB 8 1050960000 50

T 5 0348500000 100

SF 10 0332400000 1000

SG 10 0332500000 1000

DEK 6 see "Accessories"

WS 12/6 1609900000 600

WS 12/6 1609910000 120

57 A/10 mm<sup>2</sup>

8/60/47

12 mm/M 3.5/4.0 x 0.8

800 V/41 A/6 mm<sup>2</sup>

8 kV/3

0.8...1.4

3

0.5...10

1.5...10

0.5...10

0.5...10

0.5...6

0.5...10

A 5

57/57

57/57

600 V/45 A/20...8 AWG

600 V/45 A/20...8 AWG

Type Cat. No. Qty.

WDU 6 1020200000 100

WDU 6 1020280000 100

WDU 6 1021400000 10

WDU 6/10 1021300000 10

Type Cat. No. Qty.

WAP 2.5-10 1050000000 50

WAP 2.5-10 1050080000 50

WTW 2.5-10 1050100000 20

WTW 2.5-10 1050180000 20

Type Cat. No. Qty.

WQV Cat. No. Qty.

WQV 6/2<sup>3)</sup> 1052360000 50

WQV 6/3<sup>3)</sup> 1054760000 50

WQV 6/4<sup>3)</sup> 1054860000 50

see p. 262

WQV 6/10<sup>3)</sup> 1052260000 20

LS 2.8<sup>2)</sup> 1056400000 50

WAW 1 9004500000 1

WTA 5/1 1051260000 25

PS 2.3 0180400000 20

PS4 0299600000 20

StB 8.5 0280600000 50

StB 14 0169900000 50

WAD 8 1053560000 50

WAD 8 white 1056160000 50

WGB 8 1050960000 50

T 5 0348500000 100

SF 10 0332400000 1000

SG 10 0332500000 1000

DEK 8 see "Accessories"

WS 12/6.5 1609920000 540

WS 12/6.5 1609930000 108

## Standard design

Max. technical data

### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

**VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1**

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup> / gauge pin iaw. 60 947-1 Size

Cont. current of cross-connect. WQV/ZQV 2-5-pole A

Cont. current of cross-connect. WQV/ZQV 6-10-pole A

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data

Version

Dark beige Wemid

Blue Wemid

Dark beige Wemid

Blue Wemid

### End plate/partition

Dark beige Wemid

Blue Wemid

Dark beige Wemid

Blue Wemid

WAP (thickn. 1.5 mm)

WTW

### Cross-connection

2-pole WQV

3-pole WQV

4-pole WQV

5...9-pole WQV see p. 262

10-pole WQV

2-pole Blue

Cross-connection comb

LS 2.8 Screening bar

Notching tool

### Test adapter

WTA

TA 1

Strain relief

### Test plug/socket (safe from finger-contact <sup>1)</sup>)

PS 2.3 Test plug (ø2.3 mm)

PS 4 (ø4) Test plug (ø4.0 mm)

StB 8.5 Test socket screw 8.5 (ø2.3 mm)

StB 14 (ø4) Test socket screw 14 (ø4.0 mm)

### Covers

With symbol

white

WAD for self-labelling/white

### Group marking

WGB

T 5

Tag carrier for S 10 markers

### Marking tags

DEK Standard

WS white neutral

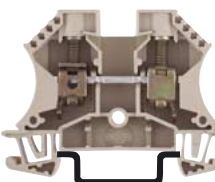
WS indiv. printed

### Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> Finger-safe test socket screw **1071000000** can be used for WDU 10

<sup>2)</sup> When using the screening bar, rated voltage is reduced to 400 V!

## WDU 10



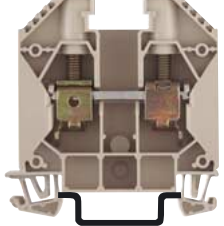
76 A/16 mm <sup>2</sup>	76 A/16 mm <sup>2</sup>
10/60/47	10/60/47
12 mm/M 4/5.5 x 1.0	12 mm/M 4/5.5 x 1.0
1000 V/57 A/10 mm <sup>2</sup>	1000 V/57 A/10 mm <sup>2</sup>
8 kV/3	8 kV/3
1.2...2.4	1.2...2.4
4	4
1.5...16	1.5...16
1.5...16 (16 mm <sup>2</sup> with 2.4 Nm)	1.5...16 (16 mm <sup>2</sup> with 2.4 Nm)
1.5...16	1.5...16
1.5...16	1.5...16
1.5...16	1.5...16
1.31...16	1.31...16
76/-	76/-
63/-	63/-
600 V/60 A/16...6 AWG	600 V/60 A/16...6 AWG
600 V/65 A/16...6 AWG	600 V/65 A/16...6 AWG
Type	Cat. No.
WDU 10	1020300000
WDU 10	1020380000

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20
WQV 10/2	1052560000	50
WQV 10/3	1054960000	50
WQV 10/4	1055060000	50
WQV see p. 262		
WQV 10/10	1052460000	20
LS 2.8 <sup>2)</sup>	1056400000	50
WAW 1	9004500000	1
WTA 5/1	1051260000	25

PS 2.3(ø2.3)	0180400000	20
PS 4 (ø4)	0299600000	20
StB 8.5(ø2.3)	0280600000	50
StB 14 (ø4)	0169900000	50
WAD 8	1053560000	50
WAD 8 white	1056160000	50
WGB 8	1050960000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"
WS 12/6.5	1609920000
WS 12/6.5	1609930000

## WDU 16 • WDU 16/ZA<sup>3)</sup>



101 A/25 mm <sup>2</sup>	101 A/25 mm <sup>2</sup>
12/60/63	12/60/63
16 mm/M 5/5.5 x 1.0	16 mm/M 5/5.5 x 1.0
1000 V/76 A/16 mm <sup>2</sup>	1000 V/76 A/16 mm <sup>2</sup>
8 kV/3	8 kV/3
2.0...4.0	2.0...4.0
1.5...16	1.5...16
1.5...25	1.5...25
1.5...25	1.5...25
1.5...16	1.5...16
1.5...16	1.5...16
1.5...25	1.5...25
101/-	101/-
76/-	76/-
600 V/70 A/14...6 AWG	600 V/70 A/14...6 AWG
600 V/65 A/14...6 AWG	600 V/65 A/14...6 AWG
Type	Cat. No.
WDU 16	1028900000
WDU 16	1020400000
WDU 16	1028980000
WDU 16	1020480000

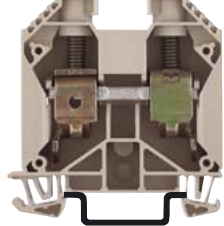
Type	Cat. No.	Qty.
WAP 16-35	1050100000	20
WAP 16-35	1050180000	20
WQV 16/2	1053260000	50
WQV 16/3	1055160000	50
WQV 16/4	1055260000	50
WQV see p. 262		
WQV 16/10	1053360000	10
WQV 16/2 Blue	1053280000	50
WAW 1	9004500000	1

PS 4 (ø4)	0299600000	20
StB 16 (ø4)	0140200000	50
WAD 12	1055960000	50
WAD 12 white	1056260000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"
WS 12/6.5	1609920000
WS 12/6.5	1609930000

<sup>3)</sup>Version with pip instead of terminal block = higher stability when linked

## WDU 35 • WDU 35/ZA<sup>3)</sup>



150 A/50 mm <sup>2</sup>	150 A/50 mm <sup>2</sup>
16/60/63	16/60/63
18 mm/M 6/6.5 x 1.2	18 mm/M 6/6.5 x 1.2
1000 V/125 A/35 mm <sup>2</sup>	1000 V/125 A/35 mm <sup>2</sup>
8 kV/3	8 kV/3
2.5...5.0 / 3.0...6.0 <sup>4)</sup>	2.5...5.0 / 3.0...6.0 <sup>4)</sup>
Conductor	Strips
2.5...16	3 x 9 x 0.8
2.5...50 (with 4 Nm)	6 x 9 x 0.8
2.5...35	9 x 9 x 0.8
2.5...35	
2.5...35	
2.5...50	
138/-	
112/-	
600 V/115 A/12...2 AWG	600 V/115 A/12...2 AWG
600 V/120 A/12...2 AWG	600 V/120 A/12...2 AWG
Type	Cat. No.
WDU 35	1028800000
WDU 35	1020500000
WDU 35	1028880000
WDU 35	1020580000
WDU 35	1020900000
Hex. socket	Hex. socket
WDU 35	1029080000
Hex. socket	Hex. socket

Type	Cat. No.	Qty.
WAP 16-35	1050100000	20
WAP 16-35	1050180000	20
WQV 35/2	1053060000	50
WQV 35/3	1055360000	50
WQV 35/4	1055460000	50
WQV see p. 262		
WQV 35/10	1053160000	10
WQV 35/2 Blue	1053080000	50
WAW 1	9004500000	1

PS 4 (ø4)	0299600000	20
StB 16 (ø4)	0140200000	50
WAD 12	1055960000	50
WAD 12 white	1056260000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"
WS 12/6.5	1609920000
WS 12/6.5	1609930000

<sup>4)</sup> Tightening torque for variant with hexagonal socket







# Feed-through terminals

## Standard design



Max. technical data

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
<b>VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1</b>	
Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
Max. clamping range in mm <sup>2</sup> / gauge pin iaw. 60 947-1	Size
Cont. current of cross-connect. WQV/ZQV 2–5-pole	A
Cont. current of cross-connect. WQV/ZQV 6–10-pole	A
UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Version
	Dark beige Wemid
	Blue Wemid
	Orange PA
Block of 10 terminals, print. mark. DEK 5 1–9 Wemid	
Block of 10 terminals, unprint. mark. DEK 5 neutral 1–9 Wemid	

End plate/partition	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
	Blue Wemid
WAP (thickness 1.5 mm)	WTW

Cross-connection	
	WQV
	ZQV
	2-pole
	3-pole
	4-pole
	5...9-pole
	10-pole
	50-pole
	WQB 12/24
	LS 2.8
	Cross-connection comb
	Screening bar
	Notching tool

Test adapter	
	WTA
	TA 1
	Strain relief

Test plug/socket	
	PS 2.3
	Test plug (ø2.3 mm)
	Test plug (ø4.0 mm)
	StB 8.5
	Test socket screw 8.5 (ø2.3 mm)
	Test socket screw 14 (ø4.0 mm)

Covers	
	With symbol
	white
	WAD for self-labelling/white

Group marking	
	WGB
	T5
	Tag carrier for S 10 markers






Marking tags	
	DEK
	WS
	Standard
	WS white neutral
	WS indiv. printed

Mounting rails, end brackets, further marking materials see "Accessories"

1) Ferrules with optimum diam. for terminals with 5 mm pitch:  
Cat. No. 1333100000

### WDU 1.5/ZZ



23 A/2.5 mm <sup>2</sup>	
    	
5/60/47	
7 mm/M 2.5/3.5 x 0.6	
800 V/17.5 A/1.5 mm <sup>2</sup>	
8 kV/3	
0.4...0.6	
1	
Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
Max. clamping range in mm <sup>2</sup> / gauge pin iaw. 60 947-1	Size
Cont. current of cross-connect. WQV/ZQV 2–5-pole	A
Cont. current of cross-connect. WQV/ZQV 6–10-pole	A
UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Version
	Dark beige Wemid
	Blue Wemid
	Orange PA
	Block of 10 terminals, print. mark. DEK 5 1–9 Wemid
	Block of 10 terminals, unprint. mark. DEK 5 neutral 1–9 Wemid

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

WQV	Qty.	ZQV	Qty.
1053660000	50		
1053760000	50		
1053860000	50		
WQV see p. 262			
1054460000	20		

WQB B/24	1579060000	20
LS 2.8 <sup>2)</sup>	1056400000	50
WAW 1	9004500000	1

WTA 2	1632320000	50
WTA 2/ZA	1632330000	50
WTA 2/10	1632340000	5
ZE 1	1632150000	50

PS 2.3(ø2.3)	0180400000	20
StB 8.5(ø2.3)	0215700000	50






WAD 4	1072000000	50
WAD 4 white	1072100000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"	
WS 12/5	1609860000	720
WS 12/5	1773380000	300

2) When using the screen plug, rated voltage is reduced to 400 V!  
3) Twin connection

### WDU 2.5/1.5/ZR



32 A/4 mm <sup>2</sup>	
    	
5/60/47	
10/7 mm/M 2.5/3.5 x 0.6	
800 V/24 A/2.5 mm <sup>2</sup>	800 V/17.5 A/1.5 mm <sup>2</sup>
8 kV/3	
0.4...0.6	
1	
Twin connection	
0.5...4	0.5...2.5
1.5...4	1.5...2.5
0.5...4	0.5...1.5
0.5...2.5/	0.5...1.5
0.5...2.5 <sup>1)</sup>	0.5...1.5
0.13...4	A3 0.08...2.5
32/24	A 1
32/24	
32/24	
UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Version
	Dark beige Wemid
	Blue Wemid
	Orange PA
	Block of 10 terminals, print. mark. DEK 5 1–9 Wemid
	Block of 10 terminals, unprint. mark. DEK 5 neutral 1–9 Wemid

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

WQV	Qty.	ZQV	Qty.
1053660000	50	1693800000	60
1053760000	50	1693810000	60
1693820000	60	1053860000	50
WQV see p. 262 / ZQV see p. 263			
1054460000	20	1693880000	20
		1693890000	10

WQB B/24	1579060000	20
LS 2.8 <sup>2)</sup>	1056400000	50
WAW 1	9004500000	1

WTA 2	1632320000	50
WTA 2/ZA	1632330000	50
WTA 2/10	1632340000	5
ZE 1	1632150000	50

PS 2.3(ø2.3)	0180400000	20
StB 8.5(ø2.3)	0215700000	50

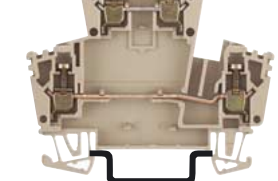
WAD 4	1072000000	50
WAD 4 white	1072100000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000






DEK 5	see "Accessories"	
WS 12/5	1609860000	720
WS 12/5	1773380000	300

2) When using the screen plug, rated voltage is reduced to 400 V!  
3) Twin connection

### WDK 2.5/ZQV

400 V



32 A/4 mm <sup>2</sup>	
    	
5/69/63	
10 mm/M 2.5/3.5 x 0.6	
400 V/24 A/2.5 mm <sup>2</sup>	
6 kV/3	
0.4...0.6	
1	
Twin connection	
0.5...4	0.5...2.5
1.5...4	1.5...2.5
0.5...4	0.5...1.5
0.5...2.5/	0.5...1.5
0.5...2.5 <sup>1)</sup>	0.5...1.5
0.13...4	A3 0.08...2.5
32/24	A 3
32/24	
32/24	
UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Version
	Dark beige Wemid
	Blue Wemid
	Orange PA
	Block of 10 terminals, print. mark. DEK 5 1–9 Wemid
	Block of 10 terminals, unprint. mark. DEK 5 neutral 1–9 Wemid

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

WQV	Qty.	ZQV	Qty.
1053660000	50	1693800000	60
1053760000	50	1693810000	60
1053860000	50	1693820000	60
WQV see p. 262 / ZQV see p. 263			
1054460000	20	1693880000	20
		1693890000	10

WQB B/24	1579060000	20
LS 2.8 <sup>2)</sup>	1056400000	50
WAW 1	9004500000	1

WTA 2	1632320000	50
WTA 2/ZA	1632330000	50
WTA 2/10	1632340000	5
ZE 1	1632150000	50

PS 2.3(ø2.3)	0180400000	20
StB 8.5(ø2.3)	0215700000	50

WAD 4	1072000000	50
WAD 4 white	1072100000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

2) When using the screen plug, rated voltage is reduced to 400 V!  
3) Twin connection

# Feed-through terminals

## Standard design

Max. technical data

### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

**VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1**

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup> / gauge pin iaw. 60 947-1 Size

Cont. current of cross-connect. WQV/ZQV 2-5-pole A

Cont. current of cross-connect. WQV/ZQV 6-10-pole A

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data

### Version

Dark beige Wemid

Blue Wemid

Dark beige Wemid

### End plate/partition



WAP (thickness 1.5 mm) WTW

Dark beige Wemid

Blue Wemid

Dark beige Wemid

Blue Wemid

Frame WDK 2.5

### Cross-connection



WQV ZQV

2-pole

3-pole

4-pole

5...9-pole

10-pole

50-pole



WQB 12/24 LS 2.8

Cross-connection comb

Screening bar

Notching tool

### Test adapter



WTA TA 1

Strain relief

### Test plug/socket



PS 2.3 StB 8.5

Test plug (ø2.3 mm)

Test plug (ø4.0 mm)

Test socket screw 8.5 (ø2.3 mm)

Test socket screw 14 (ø4.0 mm)

### Covers



ADP 3 HP 3 WAD 4

With symbol

white

WAD for self-labelling/white

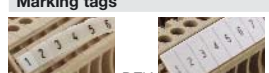
### Group marking



WGB T5

Tag carrier for S 10 markers

### Marking tags



DEK WS

DEK Standard

WS white neutral

WS indiv. printed

**Mounting rails, end brackets, further marking materials see "Accessories"**

<sup>1)</sup> Ferrules with optimum diam. for terminals with 5 mm pitch:

Cat. No. **1333100000**

## WDK 2.5

800 V



32 A/4 mm<sup>2</sup>

6/69/63 LR DNV

10 mm/M 2.5/3.5 x 0.6

800 V/24 A/2.5 mm<sup>2</sup>

8 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5

0.13...4

32/-

32/-

300 V/20 A/22...12 AWG

300 V/10 A/26...12 AWG

WDK 2.5

1029100000

100

WAP

1059100000

20

WAP

1059180000

20

WTW

1058800000

20

Q 2

0369000000

50

Q 3

0369100000

50

Q 4

0369200000

50

see p. 272...274

Q 10

0369300000

20

LS 2.8<sup>2)</sup>

1056400000

50

TA 1

0535860000

20

PPS 2.3 (ø2.3)

0180400000

20

StB 8.5 (ø2.3)

0215700000

50

ADP 3

048540000

20 x 1 m

HP 3

0485760000

20

WAD 4

1072000000

50

WT 4

1341060000

100

SF 10

0332400000

1000

SG 10

0332500000

1000

DEK 5

see "Accessories"

WS 8/5

1640740000

720

WS 8/5

1773360000

300

## WDK 2.5V / WDK 2.5DU-PE

24 A/2.5 mm<sup>2</sup>

5/69/63 LR



10 mm/M 2.5/3.5 x 0.6

400 V/24 A/2.5 mm<sup>2</sup>

6 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.25...2.5

0.25...2.5<sup>1)</sup>

0.13...4

32/-

32/-

300 V/20 A/22...12 AWG

300 V/10 A/26...12 AWG

WDK 2.5 V

1022300000

100

WDK 2.5 V

1022380000

100

WDK 2.5 DU-PE\*

1036400000

100

\*lower connection level

marked in green-yellow

WAP

1059100000

20

WTW

1058800000

20

WQV 2.5/2

1053660000

50

WQV 2.5/3

1053760000

50

WQV 2.5/4

1053860000

50

WQV see p. 262

WQV 2.5/10

1054460000

20

WQB A/24

1579000000

20

WAW 1

9004500000

1

TA 1

0535860000

20

PS 2.3 (ø2.3)

0180400000

20

StB 8.5 (ø2.3)

0215700000

50

ADP 3

048540000

20 x 1 m

HP 3

0485760000

20

WAD 4

1072000000

50

WT 4

1341060000

100

SF 10

0332400000

1000

SG 10

0332500000

1000

DEK 5

see "Accessories"

WS 8/5

1640740000

720

WS 8/5

1773360000

300

## WDU 10 ZR

76 A / 16 mm

41 A / 6 mm



10/70/49.5

12 mm/M4/5.5 x 10

800 V/57 A/10 mm<sup>2</sup>

8 kV/3

1.2...2.4

4

1.5...16

1.5...16<sup>3)</sup>

1.5...16

1.5...16

1.5...16

1.5...16

1.31...16

41/-

41/-

Approval pending

Approval pending

WDU 10 ZR

1042400000

50

WDU 10 ZR

## Feed-through terminals

### Compact-Design “N” for low type

Max. technical data

#### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

**VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1**

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

#### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

#### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup> / gauge pin iaw. 60 947-1 Size

Cont. current of cross-connect. WQV/ZQV 2–5-pole A

Cont. current of cross-connect. WQV/ZQV 6–10-pole A

#### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

#### Ordering data

#### Version

Dark beige Wemid

Blue Wemid

Orange PA

Block of 10 terminals, print. mark. DEK 5 1–9 Wemid

Block of 10 terminals, unprint. mark. DEK 5 neutral 1–9 Wemid

#### End plate/partition

Dark beige Wemid

Blue Wemid

Dark beige Wemid

Blue Wemid

WAP (thickness 1.5 mm) WTW

#### Cross-connection



2-pole

3-pole

4-pole

5...9-pole

10-pole

50- bzw 41-pole-pole

Cross-connection comb



Notching tool

#### Test adapter



Strain relief

#### Test plug/socket



PS 2.3

Test plug (ø2.3 mm)

Test plug (ø4.0 mm)

Test socket screw 8.5 (ø2.3 mm)

Test socket screw 14 (ø4.0 mm)

#### Covers



With symbol

white

WAD for self-labelling/white

#### Group marking



WGB

T5

Tag carrier for S 10 markers

#### Marking tags

#### Print



DEK

WS

DEK Standard

WS white neutral

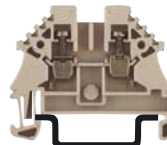
WS indiv. printed

**Mounting rails, end brackets, further marking materials see “Accessories”**

1) Ferrules with optimum diam. for terminals with 5 mm pitch:

Cat. No. **1333100000**

### WDU 2.5N



32 A/4 mm<sup>2</sup>

UL KEMA G LR A DNV

5/44/37.5

10 mm/M 2.5/3.5 x 0.6

500 V/24 A/2.5 mm<sup>2</sup>

6 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.25...2.5

0.25...2.5<sup>1)</sup>

0.13...4

A 3

32/24

32/24

300 V/20 A/22...12 AWG

300 V/20 A/26...12 AWG

WQV	Qty.	ZQV	Qty.
1023700000	100	1040800000	100
1023780000	100	1040880000	100
1023760000	100		
1024900000	10		
1024800000	10		

Type	Qty.
WAP-WDU2.5	1060000000 50
WAP-WDU2.5	1060080000 50
TW (1.5)	0191860000 20

WQV	Qty.	ZQV	Qty.
1053660000	50	1693800000	60
1053760000	50	1693810000	60
1053860000	50	1693820000	60
WQV see p. 262 / ZQV see p. 263			
1054460000	20	1693880000	20
50-pole		1693890000	10
WQB B/24		1579060000	20

WAW	Qty.
WAW 1	9004500000 1
WTA 1	1632290000 50
WTA 1/ZA	1632300000 50
WTA 1/10	1632310000 5
ZE 1	1632150000 50

PS	Qty.
PS 2.3(ø2.3)	0180400000 20
StB 8.5(ø2.3)	0215700000 50

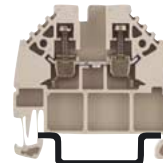
WAD	Qty.
WAD 4	1072000000 50
WAD 4 white	1072100000 50

T	Qty.
T 5	0348500000 100
SF 10	0332400000 1000
SG 10	0332500000 1000

DEK	Qty.
DEK 5	see "Accessories"
WS 12/5	1609860000 720
WS 12/5	1773380000 300

### WDU 2.5N

600 V UL



32 A/4 mm<sup>2</sup>

5/44/43.5

10 mm/M 2.5/3.5 x 0.6

800 V/24 A/2.5 mm<sup>2</sup>

8 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5<sup>1)</sup>

0.13...4

A 3

32/24

32/24

600 V/25 A/26...12 AWG

600 V/20 A/26...12 AWG

WQV	Qty.
1730940000	100

Type	Qty.
WAP-WDU 2.5N/4N	1060000000 50
WAP-WDU 2.5N/4N	1060080000 50
TW (1.5)	0191860000 20

WQV	Qty.	ZQV	Qty.
1758250000	60		
1762630000	60		
1762620000	60		
ZQV see p. 263			
1758260000	60		
41-pole		1758270000	10

WQV	Qty.
WQV	1730940000 100

WQV	Qty.	ZQV	Qty.
1758250000	60		
1762630000	60		
1762620000	60		
ZQV see p. 263			
1758260000	60		
41-pole		1758270000	10

WQV	Qty.	ZQV	Qty.
1758250000	60		
1762630000	60		
1762620000	60		
ZQV see p. 263			
1758260000	60		
41-pole		1758270000	10

WQV	Qty.	ZQV	Qty.
1758250000	60		
1762630000	60		
1762620000	60		
ZQV see p. 263			
1758260000	60		
41-pole		1758270000	10

WQV	Qty.	ZQV	Qty.
1758250000	60		
1762630000	60		
1762620000	60		
ZQV see p. 263			
1758260000	60		
41-pole		1758270000	10

WQV	Qty.	ZQV	Qty.
1758250000	60		
1762630000	60		
1762620000	60		
ZQV see p. 263			
1758260000	60		
41-pole		1758270000	10

WQV	Qty.	ZQV	Qty.
1758250000	60		
1762630000	60		
1762620000	60		
ZQV see p. 263			
1758260000	60		
41-pole		1758270000	10

WQV	Qty.	ZQV	Qty.
1758250000	60		
1762630000	60		
1762620000	60		
ZQV see p. 263			
1758260000	60		
41-pole		1758270000	10

WQV	Qty.	ZQV	Qty.
1758250000	60		
1762630000	60		
1762620000	60		
ZQV see p. 263			
1758260000	60		
41-pole		1758270000	10

WQV	Qty.	ZQV	Qty.
1758250000	60		
1762630000	60		
1762620000	60		
ZQV see p. 263			
1758260000	60		
41-pole		1758270000	10

WQV	Qty.	ZQV	Qty.
1758250000	60		
1762630000	60		
1762620000	60		
ZQV see p. 263			
1758260000	60		
41-pole		1758270000	10

WQV	Qty.	ZQV	Qty.
1758250000	60		
1762630000	60		
1762620000	60		
ZQV see p. 263			
1758260000	60		
41-pole		1758270000	10

WQV	Qty.	ZQV	Qty.
1758250000	60		
1762630000	60		
1762620000	60		
ZQV see p. 263			
1758260000	60		
41-pole		1758270000	10

WQV	Qty.	ZQV	Qty.
1758250000	60		
1762630000	60		
1762620000	60		
Z			

## Feed-through terminals

### Compact-Design “N” for low type

Max. technical data

#### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

**VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1**

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

#### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

#### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup> / gauge pin iaw. 60 947-1 Size

Cont. current of cross-connect. WQV/ZQV 2–5-pole A

Cont. current of cross-connect. WQV/ZQV 6–10-pole A

#### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

#### Ordering data

#### Version

Dark beige Wemid

Blue Wemid

Orange PA

Block of 10 terminals, print. mark. DEK 5 1–9 Wemid

Block of 10 terminals, unprint. mark. DEK 5 neutral 1–9 Wemid

#### End plate/partition

Dark beige Wemid

#### Cross-connection



WQV



ZQV

2-pole

3-pole

4-pole

5...9-pole

10-pole

50-pole



WQB 12/24

Cross-connection comb



LS 2.8

Screening bar

Notching tool

#### Test adapter



WTA



TA 1

Strain relief

#### Test plug/socket (safe from finger-contact<sup>1)</sup>)



PS 2.3

Test plug (ø2.3 mm)

Test plug (ø4.0 mm)



StB 8.5

Test socket screw 8.5 (ø2.3 mm)

Test socket screw 14 (ø4.0 mm)

#### Covers



With symbol

white

WAD for self-labelling/white



WGB

T5

Tag carrier for S 10 markers

#### Marking tags

#### Print



DEK

Standard

WS white neutral

WS indiv. printed

### WDU 16N



101 A/25 mm<sup>2</sup>

12/60/47

12 mm/M 4/5.5 x 1.0

690 V/76 A/16 mm<sup>2</sup>

6 kV/3

1.2...2.4

4

1.5...16

1.5...25 (25 mm with 2.2 Nm)

1.5...16

1.5...16

1.5...16

1.5...25 B 7

76/-

57 (3 + 4-pole)/-

300 V/70 A/14...6 AWG

300 V/45 A/20...8 AWG

Type Cat. No. Qty.

WDU 16N 1036100000 50

WDU 16N BL 1036180000 50

Type Cat. No. Qty.

WTW EX 1058800000 20

### WDU 35N



150 A / 50 mm<sup>2</sup>

16/66/51

18 mm/M 6/5.5 x 1.0

500 V/125 A/35 mm<sup>2</sup>

6 kV/3

2.5...5.0

Conductor Strips

2.5...16 3 x 9 x 0.8

2.5...50 6 x 9 x 0.8

2.5...35 9 x 9 x 0.8

2.5...35

2.5...35

2.5...50 B 9

115/-

100/-

300 V/10 A/12...2 AWG

300 V/10 A/12...2 AWG

Type Cat. No. Qty.

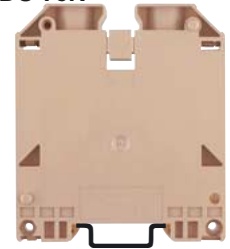
WDU 35N 1040400000 20

WDU 35N BL 1040480000 20

Type Cat. No. Qty.

WTW EX 1058800000 20

### WDU 70N



192 A/70 mm<sup>2</sup>

20.5/75/86

22 mm/M 8/5 6 DIN 6911

1000 V/192 A/70 mm<sup>2</sup>

8 kV/3

6.0...10

Conductor Strips

10...16 3 x 9 x 0.8

10...95 6 x 9 x 0.8

10...70 9 x 9 x 0.8

10...70

10...70

10...95 B 11

192/-

192 (3-pole)/-

600 V/175 A/6...2/0 AWG

600 V/205 A/8...2/0AWG

Type Cat. No. Qty.

WDU 70 N/35 9512190000 10

WDU 70 N/3 BL 9512420000 10

(WDU 70N only with hexagonal socket)

Type Cat. No. Qty.

WTW EX 1058800000 20

#### Auxiliary/control conductor terminal

WZAD 70N 9512280000 10

up to 4 mm<sup>2</sup>, 32 A

WQV 70N/2 9512240000 5

WQV 70N/3 9512250000 5

WQV 70N/4 9531290000 5

see p. 262

see p. 262

see p. 262

see p. 262

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see p. 262

see p. 262

see p. 262

<sup>1)</sup> Finger-safe StB 1071000000 can be used for WDU 16N



## Feed-through terminals

### Compact-Design “N” for low type

Max. technical data

#### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

**VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1**

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

#### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

#### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup> / gauge pin iaw. 60 947-1 Size

Cont. current of cross-connect. WQV/ZQV 2–5-pole A

Cont. current of cross-connect. WQV/ZQV 6–10-pole A

#### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

#### Ordering data

#### Version

Dark beige Wemid

Blue Wemid

Orange PA

Block of 10 terminals, print. mark. DEK 5 1–9 Wemid

Block of 10 terminals, unprint. mark. DEK 5 neutral 1–9 Wemid

#### End plate/partition



WAP (thickness 1.5 mm) WTW

#### Cross-connection



ZQV



WQB 12/24



LS 2.8

#### Test adapter



TA 1

#### Marking tags

#### Print



DEK



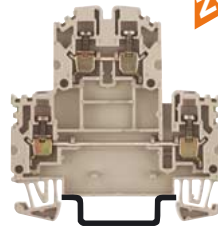
WS

DEK Standard

WS white neutral

WS indiv. printed

### WDK 2.5N



28 A/4 mm<sup>2</sup>

5/60/62

8 mm/M 2.5/3.5 x 0.6

800 V/24 A/2.5 mm<sup>2</sup>

8 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5

0.13...4

-/24

-/24

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

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300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

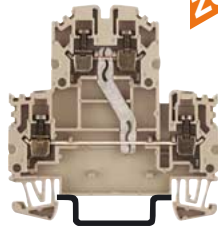
600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

### WDK 2.5N V



28 A/4 mm<sup>2</sup>

5/60/62

8 mm/M 2.5/3.5 x 0.6

800 V/24 A/2.5 mm<sup>2</sup>

8 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5

0.13...4

-/24

-/24

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

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300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

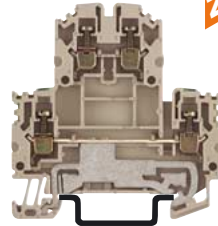
600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

### WDK 2.5N DU-PE



28 A/4 mm<sup>2</sup>

5/60/62

8 mm/M 2.5/3.5 x 0.6

800 V/24 A/2.5 mm<sup>2</sup>

8 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5

0.13...4

-/24

-/24

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

300 V/20 A/26...12 AWG

600 V/20 A/16...12 AWG

## Feed-through terminals

### Compact-Design “N” for low type

Max. technical data

#### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

**VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1**

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

#### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

#### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup> / gauge pin iaw. 60 947-1 Size

Cont. current of cross-connect. WQV/ZQV 2–5-pole A

Cont. current of cross-connect. WQV/ZQV 6–10-pole A

#### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

#### Ordering data

##### Version

Dark beige Wemid

Blue Wemid

Orange PA

Block of 10 terminals, print. mark. DEK 5 1–9 Wemid

Block of 10 terminals, unprint. mark. DEK 5 neutral 1–9 Wemid

#### End plate/partition



WAP (thickness 1.5 mm) WTW

#### Cross-connection



ZQV

2-pole

3-pole

4-pole

10-pole

41-pole

LS 2.8

Screening bar

#### Test adapter



TA 1

#### Marking tags

##### Print

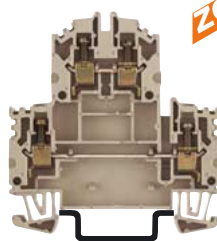


DEK Standard

WS white neutral

WS indiv. printed

### WDK 4N



ZQV

35 A/6 mm<sup>2</sup>

6/60/64

8 mm/M 3/3.5 x 0.6

800 V/32 A/4 mm<sup>2</sup>

8 kV/3

0.5...1.0

2

0.5...6

1.5...6

0.5...4

0.5...4

0.5...4

0.5...4

0.5...4

0.13...6

-/32

-/32

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

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600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

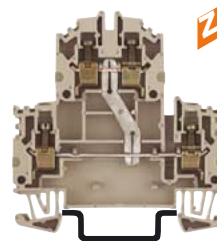
300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

Mounting rails, end brackets, further marking materials see “Accessories”

### WDK 4N V



ZQV

35 A/6 mm<sup>2</sup>

6/60/64

8 mm/M 3/3.5 x 0.6

800 V/32 A/4 mm<sup>2</sup>

8 kV/3

0.5...1.0

2

0.5...6

1.5...6

0.5...4

0.5...4

0.5...4

0.5...4

0.5...4

0.13...6

-/32

-/32

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

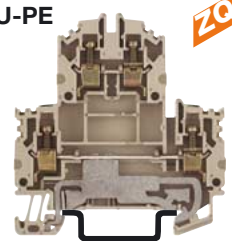
600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

### WDK 4N DU-PE



ZQV

35 A/6 mm<sup>2</sup>

6/60/64

8 mm/M 3/3.5 x 0.6

800 V/32 A/4 mm<sup>2</sup>

8 kV/3

0.5...1.0

2

0.5...6

1.5...6

0.5...4

0.5...4

0.5...4

0.5...4

0.5...4

0.13...6

-/32

-/32

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

## Feed-through terminals

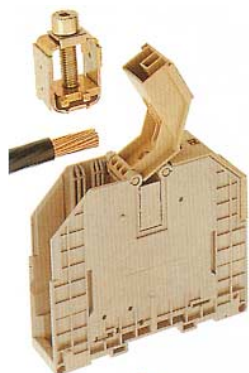
Large-size conductors no longer have to be inserted into the clamping unit with force; they can easily be placed in the terminal.

For each terminal type, terminal-block variants are available - consisting of three-, four- or five-pole terminals - in addition to the individual terminals. All blocks are permanently screwed together for additional torsional rigidity.

Slots provided in the underside of the terminals enable direct fitting. Terminal blocks can be screwed directly to the mounting plates with 25 mm pitch.

Further advantages are:

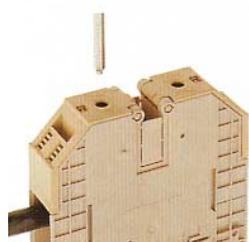
- Constant force transmission by self-adjusting connection system
- Random wiring direction
- Safe from finger-touch (VBG 4), even with cross-connection fitted
- Extreme distortion resistance



Open terminal cover and remove screw unit



Place conductor in terminal and replace screw unit



Close cover and tighten screw with hexagon wrench

Max. technical data

### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insul. strip. length/clamp. screw/wrench size acc. to DIN 6911

**VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1**

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Strips mm

Strips mm

Max. clamping range in mm<sup>2</sup> Gauge pin iaw. 60 947-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. Multi-pole A

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data Version

Hexagonal socket 6 mm Dark beige Wemid

Hexagonal socket 6 mm Blue Wemid

Hexagonal socket 6 mm Green Wemid

Hexagonal socket 6 mm Terminal block<sup>1)</sup> 3-pole Wemid

Hexagonal socket 6 mm Terminal block<sup>1)</sup> 4-pole Wemid

Hexagonal socket 6 mm Terminal block<sup>1)</sup> 5-pole Wemid

Mains terminal block 3 x beige, 1x blue, 1x green Wemid

### Cross-connection



### Auxiliary/control conductor terminal Pressure piece<sup>3)</sup>

WZAD (up to 4 mm<sup>2</sup>, 32 A)

WFL



### Cover



### Test plug



### Fixing screw



### Hexagon wrench



### Screwdriver for direct fitting 1 x 5.5 x 125

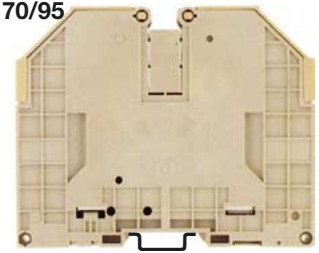


### Marking tags



### Print

## WDU 70/95



232 A/95 mm<sup>2</sup>

27/132/108

30 mm/M 8/S 6

1000 V/232 A/95 mm<sup>2</sup>

8 kV/3

6...12

16

16...120<sup>2)</sup>

16...95<sup>2)</sup>

16...95<sup>2)</sup>

16...50

3 x 9 x 0.8

6 x 9 x 0.8

4 x 16 x 0.8

6 x 16 x 0.8

16...120

B 12

232

(3) 232

600 V/175 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

Cat. No. Qty.

WDU 70/95 1024600000 10

WDU 70/95 1024680000 10

WDU 70/95 1024650000 10

Type Cat. No. Qty.

WQV 70/2 1063500000 5

WQV 70/3 1063600000 5

WZAD 70 1066000000 10

WFL 70/95 1616330000 10

WAD 27

With danger sign 1062860000 10

WAD 27

Without danger sign 1062960000 10

PS 4 0299600000 20

Pluggable in screw head of connection system

M 6x16 1063700000 20

SK wrench 0407900000 1

6 mm acc. to DIN 6911

SDI 9008410000 1

DEK 5 see "Accessories"

WS 12/6.5 1609920000 540

WS 12/6.5 1609930000 108

### Mounting rails, end brackets, further marking materials see "Accessories"

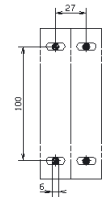
<sup>1)</sup> Terminal block for direct fitting only

<sup>2)</sup> Using 95 and 120 mm<sup>2</sup> with 10 Nm tightening torque

<sup>3)</sup> The WFL pressure piece is needed when the flat strip, cannot be inserted centrally

## Feed-through terminals

### WDU 70/95/...



Drill template for direct fitting  
232 A/95 mm<sup>2</sup>

81/132/108 (block of 3)\*

30 mm/M 8/S 6

1000 V/232 A/95 mm<sup>2</sup>

8 kV/3

6...12

16

16...120<sup>2)</sup>

16...95<sup>2)</sup>

16...95<sup>2)</sup>

16...50

3 x 9 x 0.8

6 x 9 x 0.8

4 x 16 x 0.8

6 x 16 x 0.8

16...120

B 12

232

(3) 232

600 V/175 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

Type	Cat. No.	Qty.
WDU 70/95/...	1026700000 <sup>1)</sup>	4
WDU 70/95/...	1026800000 <sup>1)</sup>	3
WDU 70/95/...	1026900000 <sup>1)</sup>	2
WDU 70/95/...	1032300000 <sup>1)</sup>	2
Type	Cat. No.	Qty.
WQV 70/2	1063500000	5
WQV 70/3	1063600000	5

Type	Cat. No.	Qty.
WZAD 70	1066000000	10
WFL 70/95	1616330000	10

Type	Cat. No.	Qty.
WAD 27	1062860000	10

Type	Cat. No.	Qty.
WAD 27	1062960000	10

Type	Cat. No.	Qty.
PS 4	0299600000	20

Type	Cat. No.	Qty.
Pluggable in screw head of connection system		

Type	Cat. No.	Qty.
M 6x16	1063700000	20

Type	Cat. No.	Qty.
SK wrench	0407900000	1

Type	Cat. No.	Qty.
6 mm acc. to DIN 6911		

Type	Cat. No.	Qty.
SDI	9008410000	1

Type	Cat. No.	Qty.
DEK 5	see "Accessories"	

Type	Cat. No.	Qty.
WS 12/6.5	1609920000	540

Type	Cat. No.	Qty.
WS 12/6.5	1609930000	108

Type	Cat. No.	Qty.
WDU 70/95/...	1026700000 <sup>1)</sup>	4

Type	Cat. No.	Qty.
WDU 70/95/...	1026800000 <sup>1)</sup>	3

Type	Cat. No.	Qty.
WDU 70/95/...	1026900000 <sup>1)</sup>	2

Type	Cat. No.	Qty.
WDU 70/95/...	1032300000 <sup>1)</sup>	2

Type	Cat. No.	Qty.
WQV 70/2	1063500000	5

Type	Cat. No.	Qty.
WQV 70/3	1063600000	5

Type	Cat. No.	Qty.
WZAD 70	1066000000	10

Type	Cat. No.	Qty.
WFL 70/95	1616330000	10

Type	Cat. No.	Qty.
WAD 27	1062860000	10

Type	Cat. No.	Qty.
WAD 27	1062960000	10

Type	Cat. No.	Qty.
PS 4	0299600000	20

Type	Cat. No.	Qty.
Pluggable in screw head of connection system		

Type	Cat. No.	Qty.
M 6x16	1063700000	20

Type	Cat. No.	Qty.
SK wrench	0407900000	1

Type	Cat. No.	Qty.
6 mm acc. to DIN 6911		

Type	Cat. No.	Qty.
SDI	9008410000	1

Type	Cat. No.	Qty.
DEK 5	see "Accessories"	

Type	Cat. No.	Qty.
WS 12/6.5	1609920000	540

Type	Cat. No.	Qty.
WS 12/6.5	1609930000	108

Type	Cat. No.	Qty.
WDU 70/95/...	1026700000 <sup>1)</sup>	4

Type	Cat. No.	Qty.
WDU 70/95/...	1026800000 <sup>1)</sup>	3

Type	Cat. No.	Qty.
WDU 70/95/...	1026900000 <sup>1)</sup>	2

Type	Cat. No.	Qty.
WDU 70/95/...	1032300000 <sup>1)</sup>	2

Type	Cat. No.	Qty.
WQV 70/2	1063500000	5

Type	Cat. No.	Qty.
WQV 70/3	1063600000	5

Type	Cat. No.	Qty.
WZAD 70	1066000000	10

Type	Cat. No.	Qty.
WFL 70/95	1616330000	10

Type	Cat. No.	Qty.
WAD 27	1062860000	10

Type	Cat. No.	Qty.
WAD 27	1062960000	10

Type	Cat. No.	Qty.
PS 4	0299600000	20

Type	Cat. No.	Qty.
Pluggable in screw head of connection system		

Type	Cat. No.	Qty.
M 6x16	1063700000	20

Type	Cat. No.	Qty.
SK wrench	0407900000	1

Type	Cat. No.	Qty.
6 mm acc. to DIN 6911		

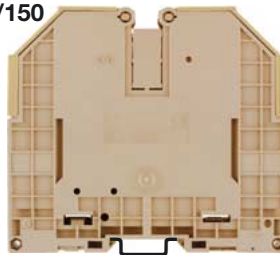
Type	Cat. No.	Qty.
SDI	9008410000	1

Type	Cat. No.	Qty.
DEK 5	see "Accessories"	

Type	Cat. No.	Qty.
WS 12/6.5	1609920000	540

Type	Cat. No.	Qty.
WS 12/6.5	1609930000	108

### WDU 120/150



309 A/150 mm<sup>2</sup>

32/132/118

35 mm/M 10/S 6

1000 V/269 A/120 mm<sup>2</sup>

8 kV/3

10...20

35...150

35...150

35...95

35...50

3 x 9 x 0.8

6 x 9 x 0.8

4 x 16 x 0.8

6 x 16 x 0.8

35...150

B 13

292

(3) 292

600 V/225 A/2...250 kcmil AWG

600 V/285 A/2...250 kcmil AWG

Type	Cat. No.	Qty.
WDU 120/150	1024500000	10
WDU 120/150	1024580000	10
WDU 120/150	1024550000	10

Type	Cat. No.	Qty.
WQV 120/2	1063300000	5

Type	Cat. No.	Qty.
WQV 120/3	1063400000	5

Type	Cat. No.	Qty.
WZAD 120	1066100000	10

Type	Cat. No.	Qty.
WFL 120/150	1616340000	10

Type	Cat. No.	Qty.
WAD 27	1062860000	10

Type	Cat. No.	Qty.
WAD 27	1062960000	10

Type	Cat. No.	Qty.
PS 4	0299600000	20

Type	Cat. No.	Qty.
Pluggable in screw head of connection system		

Type	Cat. No.	Qty.
M 6x16	1063700000	20

Type	Cat. No.	Qty.
SK wrench	0407900000	1

Type	Cat. No.	Qty.
6 mm acc. to DIN 6911		

Type	Cat. No.	Qty.
SDI	9008410000	1

Type	Cat. No.	Qty.
DEK 5	see "Accessories"	

Type	Cat. No.	Qty.
WS 12/6.5	1609920000	540

Type	Cat. No.	Qty.
WS 12/6.5	1609930000	108

Type	Cat. No.	Qty.
WDU 120/150	1024500000	10

Type	Cat. No.	Qty.
WDU 120/150	1024580000	10

Type	Cat. No.	Qty.
WDU 120/150	1024550000	10

Type	Cat. No.	Qty.
WQV 120/2	1063300000	5

Type	Cat. No.	Qty.
WQV 120/3	1063400000	5

Type	Cat. No.	Qty.
WZAD 120	1066100000	10

Type	Cat. No.	Qty.
WFL 120/150	1616340000	10

Type	Cat. No.	Qty.
WAD 27	1062860000	10

Type	Cat. No.	Qty.
WAD 27	1062960000	10

Type	Cat. No.	Qty.
PS 4	0299600000	20

Type	Cat. No.	Qty.
------	----------	------

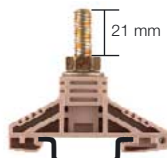


# Stud terminals

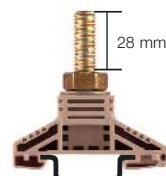
## WF 6



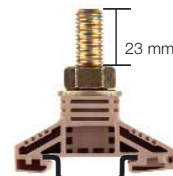
## WF 8



## WF 10






## WF 12







Max. technical data



### Dimensions / approvals

Width/length/height with 	mm
Pitch with partition	mm
Stud size	

125 A/35 mm <sup>2</sup>
 
19.6 / 67 / 56
18
M6

150 A/50 mm <sup>2</sup>
 
24.6 / 67 / 65
23
M8

265 A/120mm <sup>2</sup>
 
35.6 / 67 / 74
34
M10

265 A/120mm <sup>2</sup>
 
35.6 / 67 / 72
34
M12

### Rated data

Rated voltage/current/cross-section
Rated voltage/current/cross-section
Rated impulse voltage/pollution severity <sup>1)</sup>
Rated impulse voltage/pollution severity <sup>2)</sup>

1000 V <sup>1)</sup> / - / -
2.300 V <sup>2)</sup> / - / -
8 kV / 3
12 kV / PD 3

1000 V <sup>1)</sup> / - / -
2.300 V <sup>2)</sup> / - / -
8 kV / 3
12 kV / PD 3

1000 V <sup>1)</sup> / - / -
2.300 V <sup>2)</sup> / - / -
8 kV / 3
12 kV / PD 3

1000 V <sup>1)</sup> / - / -
2.300 V <sup>2)</sup> / - / -
8 kV / 3
12 kV / PD 3

### Further technical data

Tightening torque range	Nm
-------------------------	----

3 ... 6
---------

6 ... 12
----------

10 ... 20
-----------

14 ... 31
-----------

### Clampable conductors

DIN 46234 / number per side <sup>1)</sup>
DIN 46235 / number per side <sup>1)</sup>
DIN 46234 / number per side <sup>2)</sup>
DIN 46235 / number per side <sup>2)</sup>

...35 / 2
...25 / 2
...35 / 1
...25 / 1

...50 / 2
...35 / 2
...50 / 1
...35 / 1

...120 / 2
... 95 / 2
...120 / 1
... 95 / 1

...120 / 2
... 95 / 2
...120 / 1
... 95 / 1

### UL/CSA rated data

Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

1000 V/115 A/14...2 AWG
1000 V/150 A/14...2 AWG

1000 V/115 A/14...1/0 AWG
1000 V/200 A/14...1/0 AWG

1000 V/255 A/10...250 kcmil AWG
1000 V/320 A/10...250 kcmil AWG

1000 V/255 A/10...250 kcmil AWG
1000 V/320 A/10...250 kcmil AWG

### Ordering data

#### Version

Dark beige Wemid

Type	Cat. No.	Qty.
WF 6	<b>1780850000</b>	25

Type	Cat. No.	Qty.
WF 8	<b>1780860000</b>	25

Type	Cat. No.	Qty.
WF 10	<b>1780870000</b>	20

Type	Cat. No.	Qty.
WF 12	<b>1780880000</b>	20

### Partition / version



Dark beige Wemid <sup>1)</sup>  
Epoxy resin <sup>2)</sup>

Dimensions (width/length/ height)

Dark beige Wemid; length: 50 mm (for insul. cable lugs)

WTW WF 6	<b>1781220000</b>	20
WTW WF 6 2300	<b>1781230000</b>	20
2/101.8/58.5		
WTW WF 50	<b>1781240000</b>	20

WTW WF 8	<b>1780900000</b>	20
WTW WF 8 2300	<b>1780910000</b>	20
2/109.8/67		
WTW WF 50	<b>1781240000</b>	20

WTW WF10/12	<b>1780890000</b>	20
WTW WF10/12 2300	<b>1780920000</b>	20
2/156/76.5		
WTW WF 50	<b>1781240000</b>	20

WTW WF 10/1	<b>1780890000</b>	20
WTW WF 10/12 2300	<b>1780920000</b>	20
2/156/76.5		
WTW WF 50	<b>1781240000</b>	20

### Cross-connection

2-pole
3-pole
Special 2-pole
Special 3-pole

WQL 2 WF 6	<b>1780970000</b>	5
WQL 3 WF 6	<b>1780980000</b>	5
WQL 2 WF 6-8	<b>1809880000</b>	5

WQL 2 WF 8	<b>1780990000</b>	5
WQL 3 WF 8	<b>1781000000</b>	5
WQL 2 WF 6-10	<b>1806620000</b>	5
WQL 3 WF 6-10/2	<b>1806640000</b>	5

WQL 2 WF 10	<b>1781010000</b>	5
WQL 3 WF 10	<b>1781020000</b>	5
WQL 2 WF 6-10	<b>1806620000</b>	5
WQL 3 WF 6-10/2	<b>1806640000</b>	5

WQL 2 WF 12	<b>1781030000</b>	5
WQL 3 WF 12	<b>1781040000</b>	5

### Prof. material for cover

1000 mm

ADP WF 6/WF 8
<b>1780930000</b> 10

ADP WF 6/WF 8
<b>1780930000</b> 10

ADP WF 10/WF12	
<b>1806640000</b>	10

ADP WF 10/WF 12
<b>1780940000</b> 10

### Support for Cover

Dark beige Wemid

HA WF	<b>1781050000</b>	50
-------	-------------------	----

HA WF	<b>1781050000</b>	50
-------	-------------------	----

HA WF	<b>1781050000</b>	50
-------	-------------------	----

HA WF	<b>1781050000</b>	50
-------	-------------------	----

to avoid lateral displacement  
of cover

### Marking tags



DEK



WS

DEK 5 Standard
WS 10/5 neutral
WS 12/5 neutral
WS 15/5 neutral
WS 10/6 neutral
DEK 6

DEK 5	see "Accessories"
WS 10/5	<b>1635000000</b> 720
WS 12/5	<b>1609860000</b> 720
WS 15/5	<b>1609880000</b> 480
WS 10/6	<b>1060960000</b> 200
DEK 6	see "Accessories"

DEK 5	see "Accessories"
WS 10/5	<b>1635000000</b> 720
WS 12/5	<b>1609860000</b> 720
WS 15/5	<b>1609880000</b> 480
WS 10/6	<b>1060960000</b> 200
DEK 6	see "Accessories"

DEK 5	see "Accessories"
WS 10/5	<b>1635000000</b> 720
WS 12/5	<b>1609860000</b> 720
WS 15/5	<b>1609880000</b> 480
WS 10/6	<b>1060960000</b> 200
DEK 6	see "Accessories"

DEK 5	see "Accessories"
WS 10/5	<b>1635000000</b> 720
WS 12/5	<b>1609860000</b> 720
WS 15/5	<b>1609880000</b> 480
WS 10/6	<b>1060960000</b> 200
DEK 6	see "Accessories"

### Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> With WTW made from WEMID, nominal voltage 1000 V

<sup>2)</sup> With WTW made from epoxy resin, nominal voltage 2.300 V acc. to prEN 50124-1

# Stud terminals

## WF 6/2 BZ




## WF 8/2 BZ



## WF 10/2 BZ



Dimensions			WF 6/2 BZ	WF 8/2 BZ	WF 10/2 BZ
Width/length/height with 	mm		19.6 / 67 / 56	24.6 / 67 / 65	35.6 / 67 / 74
Pitch with partition	mm		18	23	34
Stud size			M6	M8	M10
Rated data					
Rated voltage/current/cross-section <sup>1)</sup>			1000 V <sup>1)</sup> / 125A / 35 mm <sup>2</sup>	1000 V <sup>1)</sup> / 150A / 50 mm <sup>2</sup>	1000 V <sup>1)</sup> / 269A / 120 mm <sup>2</sup>
Rated impulse voltage/pollution severity <sup>1)</sup>			8 kV / 3	8 kV / 3	8 kV / 3
Further technical data					
Tightening torque range	Nm		3 ... 6	6 ... 12	10 ... 20
Clampable conductors					
DIN 46234 / number per side <sup>1)</sup>			...35 / 2	...50 / 2	... 95 / 2
DIN 46235 / number per side <sup>1)</sup>			...25 / 2	...35 / 2	...120 / 2 <sup>5)</sup>
UL/CSA rated data					
Voltage/current/conductor size	UL		under preparation	under preparation	under preparation
Voltage/current/conductor size	CSA		under preparation	under preparation	under preparation
Ordering data		Version	Type	Cat. No.	Qty.
		Dark beige Wemid	WF 6/2 BZ	<b>1789770000</b>	25
Partition / Version			Type	Cat. No.	Qty.
		Dark beige Wemid <sup>1)</sup>	WTW WF10/12	<b>1780890000</b>	20
		Epoxy resin <sup>2)</sup>			
		Dimensions (width/length/height)	2/156/76.5	2/156/76.5	2/156/76.5
		Dark beige Wemid; length: 50 mm (for insul. cable lugs)			
Cross-connection					
		Standard 2-pole	WQL 2 WF 6	<b>1780970000</b>	5
		Standard 3-pole	WQL 3 WF 6	<b>1780980000</b>	5
		Special 2-pole <sup>3)</sup>			
		Special 2-pole <sup>4)</sup>			
Prof. material for cover					
		1000 mm	ADP WF10/WF12	<b>1780930000</b>	10
Support for cover					
		Dark beige Wemid	HA WF	<b>1781050000</b>	50
		to avoid lateral displacement of cover			
Marking tags					
		DEK 5 FW/FS...	DEK 5	see "Accessories"	
		WS 10/5 neutral	WS 10/5	<b>1635000000</b>	720
		WS 12/5 neutral	WS 12/5	<b>1609860000</b>	720
		WS 15/5 neutral	WS 15/5	<b>1609880000</b>	480
Mounting rails, end brackets, further marking materials see "Accessories"					

<sup>1)</sup> With WTW made from WEMID, nominal voltage 1000 V

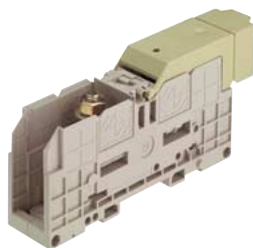
<sup>2)</sup> With WTW made from epoxy resin, nominal voltage 2.300 V acc. to prEN 50124-1

<sup>3)</sup> Only for cross-connection WF10/2BZ with WF6/2BZ

<sup>4)</sup> Only for cross-connection WF10/2BZ with WF6/2BZ, if WF10/2BZ or WF6/2BZ are already cross-connected

<sup>5)</sup> Only for cable lugs with a width of  $\leq 31$  mm

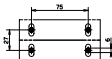
# Stud terminals



## WFF 35



Drill template for direct fitting  
150 A/50 mm<sup>2</sup>



Max. technical data

### Dimensions / approvals

Width/length/height (mm)	without WAH
Width/length/height (mm)	with WAH
Stud size	M

### VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1

Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	

### Further technical data

Tightening torque range	Nm
-------------------------	----

### Clampable conductors

Cable lug acc. to DIN 46 235	mm <sup>2</sup>
Cable lug acc. to DIN 46 234	mm <sup>2</sup>
2 x cable lug acc. to DIN 46 235	mm <sup>2</sup>
2 x cable lug acc. to DIN 46 234	mm <sup>2</sup>

Strips	mm
Strips	mm
Strips	mm

Max. connect. area in mm<sup>2</sup>, gauge for flat conn. to EN 50043 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. 3-pole A

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data

#### Version

Dark beige Wemid
Blue Wemid

with covers

Dark beige Wemid
Dark beige Wemid

### Partition (thickness 2 mm)



### Cross-connection

WQL



### Auxiliary/control conductor terminal

WZAF 35 (up to 4 mm<sup>2</sup>, 32 A)



### Cover



Beige PA 66
Blue PA 66
Light green PA 66

### Danger sign



Yellow, self-adhesive,  
with lightning flash,  
can be stuck to WAH only

### Fixing screw/Screwdriver



For direct fitting  
Screwdriver

### Cupal washers



For aluminium conductors

### Marking tags



DEK



WS

### Print

DEK	Standard
WS white	neutral
WS	indiv. printed

Type	Cat. No.	Qty.
------	----------	------

WFF 35	1028300000	10
WFF 35	1028380000	10

WFF 35	1029300000	10
--------	------------	----

Type	Cat. No.	Qty.
------	----------	------

WTW WFF 35	1067100000	10
------------	------------	----

Type	Cat. No.	Qty.
------	----------	------

WQL 2/35	1064900000	5
WQL 3/35	1065400000	5

Type	Cat. No.	Qty.
------	----------	------

WZAF 35	1070500000	10
---------	------------	----

Type	Cat. No.	Qty.
------	----------	------

WAH 35	1064460000	20
WAH 35 BL	1064480000	20
WAH 35 HG	1064450000	20
WAP <sup>1)</sup>	1069700000	20

Type	Cat. No.	Qty.
------	----------	------

WD 1	1563900000	5
Qty. = 5 cards with 6 labels each		

Type	Cat. No.	Qty.
------	----------	------

M 6 x 16 <sup>2)</sup>	1063700000	20
SDI	9008410000	1

Type	Cat. No.	Qty.
------	----------	------

CPSB M 6	0156200000	50
----------	------------	----

Type	Cat. No.	Qty.
------	----------	------

DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

## WFF 70



Drill template for direct fitting  
232 A/95 mm<sup>2</sup>



### Dimensions / approvals

Width/length/height (mm)	without WAH
Width/length/height (mm)	with WAH
Stud size	M

### VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1

Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	

### Further technical data

Tightening torque range	Nm
-------------------------	----

### Clampable conductors

Cable lug acc. to DIN 46 235	mm <sup>2</sup>
Cable lug acc. to DIN 46 234	mm <sup>2</sup>
2 x cable lug acc. to DIN 46 235	mm <sup>2</sup>
2 x cable lug acc. to DIN 46 234	mm <sup>2</sup>

Strips	mm
Strips	mm
Strips	mm

Max. connect. area in mm<sup>2</sup>, gauge for flat conn. to EN 50043 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. 3-pole A

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data

#### Version

Dark beige Wemid
Blue Wemid

WFF 70	1029400000	10
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Type	Cat. No.	Qty.
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WTW WFF 70	1067200000	10
------------	------------	----

Type	Cat. No.	Qty.
------	----------	------

WQL 2/70	1065000000	5
WQL 3/70	1065500000	5

Type	Cat. No.	Qty.
------	----------	------

WZAF 70	1066200000	10
---------	------------	----

Type	Cat. No.	Qty.
------	----------	------

WAH 70	1064560000	20
WAH 70 BL	1064580000	20
WAH 70 HG	1064550000	20
WAP <sup>1)</sup>	1069800000	20

Type	Cat. No.	Qty.
------	----------	------

WD 1	1563900000	5
Qty. = 5 cards with 6 labels each		

Type	Cat. No.	Qty.
------	----------	------

M 6x16 <sup>2)</sup>	1063700000	20
SDI	9008410000	1

Type	Cat. No.	Qty.
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CPSB M 8	0156300000	50
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Type	Cat. No.	Qty.
------	----------	------

DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

### Mounting rails, end brackets, further marking materials see "Accessories"

- <sup>1)</sup> The WAP can be used only in conjunction with the WAH.  
In the event that no conductor is connected, it guarantees shock protection in the connection.  
<sup>2)</sup> Screw locking e.g. with Loctite 243 for e.g. railway applications acc. to DIN EN 50 155/5.96

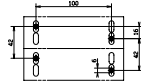
**Note:** If **tension rods** are used, individual terminals can be combined for protection. (available on request)

## Stud terminals

### WFF 120



Drill template for direct fitting  
309 A/150 mm<sup>2</sup>



42/132/72	
42/230/81	
10	
1000 V/269 A/120 mm <sup>2</sup>	
8 kV/3	
10...20	
16...150	
6...150	
16...120	
6...120	
2 x 20 x 1	
6 x 20 x 1	
5 x 24 x 1	
5.26...150	C 8
292	
292	

1000 V/310 A/10...250 kcmil AWG	
600 V/310 A/10...250 kcmil AWG	

	Cat. No.	Qty.
WFF 120	<b>1028500000</b>	5
WFF 120	<b>1028580000</b>	5

WFF 120	<b>1029500000</b>	5
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Type	Cat. No.	Qty.
WTW WFF 120	<b>1067300000</b>	10

WQL 2/120	<b>1065100000</b>	5
WQL 3/120	<b>1065600000</b>	5

WZAF 120	<b>1066300000</b>	10
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WAH 120	<b>1064660000</b>	20
WAH 120 BL	<b>1064680000</b>	20
WAH 120 HG	<b>1064650000</b>	20
WAP <sup>1)</sup>	<b>1073000000</b>	20

WD 1	<b>1563900000</b>	5
Qty. = 5 cards with 6 labels each		

M 6x16 <sup>2)</sup>	<b>1063700000</b>	20
SDI	<b>9008410000</b>	1

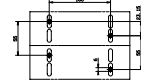
CPSB M 10	<b>0156400000</b>	50
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DEK 5	see "Accessories"	
WS 12/6.5	<b>1609920000</b>	540
WS 12/6.5	<b>1609930000</b>	108

### WFF 185 / WFF 185 M 12 + M 16



Drill template for direct fitting  
415 A/240 mm<sup>2</sup>



55/163/78	
55/287/91	
12	
1000 V/353 A/185 mm <sup>2</sup>	
8 kV/3	
14...31	
25...240	
10...240	
25...185	
10...185	
2 x 24 x 1	10 x 24 x 1
2 x 32 x 1	6 x 32 x 1
3 x 35 x 1	
8.37...240	C 11
382	
382	

1000 V/380 A/8...500 kcmil AWG	
600 V/360 A/8...500 kcmil AWG	

	Cat. No.	Qty.
WFF 185	<b>1028600000</b>	4
WFF 185	<b>1028680000</b>	4

WFF 185	<b>1029600000</b>	4
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Type	Cat. No.	Qty.
WTW WFF 185	<b>1067400000</b>	10

WQL 2/185	<b>1065200000</b>	5
WQL 3/185	<b>1065700000</b>	5

WZAF 185	<b>1066400000</b>	10
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WAH 185/300	<b>1064760000</b>	10
WAH 185/300 BL	<b>1064780000</b>	10
WAH 185/300 HG	<b>1064750000</b>	10

WD 1	<b>1563900000</b>	5
Qty. = 5 cards with 6 labels each		

M 6x16 <sup>2)</sup>	<b>1063700000</b>	20
SDI	<b>9008410000</b>	1

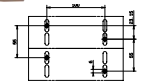
CPSB M 12	<b>0156500000</b>	20
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DEK 5	see "Accessories"	
WS 12/6.5	<b>1609920000</b>	540
WS 12/6.5	<b>1609930000</b>	108

### WFF 300



Drill template for direct fitting  
520 A/300 mm<sup>2</sup>



55/163/86	
55/287/90	
16	
1000 V/520 A/300 mm <sup>2</sup>	
8 kV/3	
25...60	
50...300	
25...240	
50...240	
25...240	
2 x 40 x 1	3 x 35 x 1
6 x 40 x 1	8 x 32 x 1
8 x 40 x 1	
13.3...300	-
520	
520	

1000 V/500 A/6...600 kcmil AWG	
600 V/510 A/6...600 kcmil AWG	

	Cat. No.	Qty.
WFF 300	<b>1028700000</b>	4
WFF 300	<b>1028780000</b>	4

WFF 300	<b>1029700000</b>	4
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Type	Cat. No.	Qty.
WTW WFF 300	<b>1067400000</b>	10

WQL 2/300	<b>1065300000</b>	5
WQL 3/300	<b>1065800000</b>	5

WZAF 300	<b>1066500000</b>	10
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WAH 185/300	<b>1064760000</b>	10
WAH 185/300 BL	<b>1064780000</b>	10
WAH 185/300 HG	<b>1064750000</b>	10

WD 1	<b>1563900000</b>	5
Qty. = 5 cards with 6 labels each		

M 6x16 <sup>2)</sup>	<b>1063700000</b>	20
SDI	<b>9008410000</b>	1

CPSB M 16	<b>0156500000</b>	20
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DEK 5	see "Accessories"	
WS 12/6.5	<b>1609920000</b>	540
WS 12/6.5	<b>1609930000</b>	108

<sup>1)</sup> The WAP can be used only in conjunction with the WAH.  
In the event that no conductor is connected, it guarantees shock protection in the connection.  
<sup>2)</sup> Screw locking e.g. with Loctite 243 for e.g. railway applications acc. to DIN EN 50 155/5.96

**Note:** If tension rods are used, individual terminals can be combined for protection. (available on request)



## Protective conductor terminals

### Standard design

#### WPE 2.5



#### WPE 4



#### WPE 6



Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
AWG conductor	Nr.
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1	Size
Ordering data	
	Green/yellow Wemid
Support block <sup>1)</sup>	
Marking tags	
	DEK
	WS
	Print
	Standard
	neutral
	indiv. printed

UL LR DNV		
5/60/47		
10 mm/M 2.5/3.5 x 0.6		
– V/– A/2.5 mm <sup>2</sup>		
800 V/8 kV/3		
0.4...0.7		
1/1		
0.5...4		
1.5...4		
0.5...4		
0.5...2.5		
0.5...2.5 <sup>3)</sup>		
26...12		
0.13...4	A 3	
Type	Cat. No.	Qty.
WPE 2.5	1010000000	100
SH 2	0494920000	10
DEK 5	see "Accessories"	
WS 12/5	1609860000	720
WS 12/5	1773380000	300

UL LR DNV		
6/60/47		
10 mm/M 3/3.5 x 0.6		
– V/– A/4 mm <sup>2</sup>		
800 V/8 kV/3		
0.5...1.0/0.5...0.8 (for centre screw)		
2/2 (for centre screw)		
0.5...6		
1.5...6		
0.5...6		
0.5...4		
0.5...4		
26...10		
0.13...6	A 4	
Type	Cat. No.	Qty.
WPE 4	1010100000	100
SH 2	0494920000	10
DEK 6	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

UL LR DNV		
8/60/47		
12 mm/M 3.5/4.0 x 0.8		
– V/– A/6 mm <sup>2</sup>		
800 V/8 kV/3		
0.8...1.6/0.5...1.0 (for centre screw)		
3/2 (for centre screw)		
0.5...10		
1.5...6		
0.5...10		
0.5...6		
0.5...6		
26...8		
0.13...10	A 5	
Type	Cat. No.	Qty.
WPE 6	1010200000	50
SH 2	0494920000	10
DEK 8	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

### Standard design

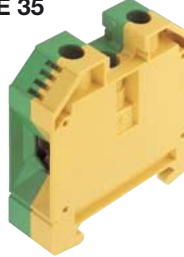
#### WPE 10



#### WPE 16



#### WPE 35



Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
AWG conductor	Nr.
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1	Size
Ordering data	
	Green/yellow Wemid
	Green/yellow Wemid
Support block <sup>1)</sup>	
Bridge <sup>2)</sup>	
Marking tags	
	DEK
	WS
	Print
	Standard
	neutral
	indiv. printed
Mounting rails, end brackets, further marking materials see "Accessories"	

UL LR DNV		
10/60/47		
12 mm/M 4/5.5 x 1.0		
– V/– A/10 mm <sup>2</sup>		
800 V/8 kV/3		
1.2...2.4 / 0.5...1.0 (for centre screw)		
3/2 (for centre screw)		
1.5...16		
1.5...16 (16 mm with 2.4 Nm)		
1.5...16		
1.5...16		
1.5...16		
1.5...16		
16...8		
1.31...16	B 6	
Type	Cat. No.	Qty.
WPE 10	1010300000	50
SH 2	0494920000	10
on the external side		
WQB-PEN 10	1060300000	10
DEK 8	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108



UL LR DNV		
12/60/63		
16 mm/M 5/5.5 x 1.0		
– V/– A/16 mm <sup>2</sup>		
800 V/8 kV/3		
2.0...4.0 / 1.2...2.4 (for centre screw)		
–/4 (for centre screw)		
1.5...16		
1.5...16		
1.5...16		
1.5...16		
1.5...16		
1.5...16		
14...6		
1.5...25	B 7	
Type	Cat. No.	Qty.
WPE 16	1010400000	50
SH 2	0494920000	10
on the external side		
WQB-PEN 16	1060200000	10
DEK 8	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

UL LR DNV		
16/60/70.5 (with TS 35 x 15)		
18 mm/M 6/6.5 x 1.2		
– V/– A/35 mm <sup>2</sup>		
800 V/8 kV/3		
2.5...5.0 / 1.2...2.4 (for centre screw)		
–/4 (for centre screw)		
2.5...16		
2.5...50 (with 4 Nm)		
2.5...50		
2.5...50		
2.5...50		
12...2		
2.5...35	B 9	
Type	Cat. No.	Qty.
WPE 35	1010500000	25
for hexagonal socket	1012600000	25
SH 2	0494920000	10
on the external side		
WQB-PEN 35	1060100000	10
DEK 8	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108



<sup>1)</sup> For insul. arrangement of mount. rails in totally insul. installations  
<sup>2)</sup> Insertable bridge in a TN C distribution network between N terminal (WDU blue) and PE terminal (WPE)  
<sup>3)</sup> Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 1333100000

# Protective conductor terminals

## Standard design

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
<b>Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2</b>	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
AWG conductor	Nr.
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1 Size	
Ordering data	
Green/yellow Wemid	
Support block <sup>1)</sup>	
Marking tags	
	DEK
	WS
Print	
Standard	Standard
neutral	neutral
indiv. printed	indiv. printed

## Standard design

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
<b>Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2</b>	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
AWG conductor	Nr.
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1 Size	
Ordering data	
Green/yellow Wemid	
Support block <sup>1)</sup>	
Bridge <sup>2)</sup>	
Marking tags	
	DEK
	WS
Print	
Standard	Standard
neutral	neutral
indiv. printed	indiv. printed
<b>Mounting rails, end brackets, further marking materials see "Accessories"</b>	


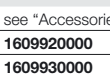
## WPE 1.5/ZZ



Twin connection			
5/60/47	7 mm/M 2.5/3.5 x 0.6		
– V/– A/1.5 mm <sup>2</sup>			
690 V/8 kV/3			
0.4...0.6	1/1		
0.5...2.5	1.5...2.5		
0.5...1.5	0.5...1.5		
0.5...1.5	0.5...1.5		
0.5...1.5	0.5...1.5		
26...14	26...14		
0.08...2.5	A 1		
Ordering data			
Type	Cat. No.	Qty.	
WPE 1.5 ZZ	<b>1016500000</b>	100	
Type	Cat. No.	Qty.	
SH 2	<b>0494920000</b>	10	
DEK 5	see "Accessories"		
WS 12/5	<b>1609860000</b>	720	
WS 12/5	<b>1773380000</b>	300	

## WPE 10 ZR



Twin connection			
10/70/49.5	12 mm/M 4/5.5 x 1.0	9 mm/M 5/3.5 x 0.6	
– V/– A/10 mm <sup>2</sup> – V/– A/4 mm <sup>2</sup>			
800 V/8 kV/3			
1.2...2.4	0.5...1.0		
4	2		
1.5...16	0.5...6		
1.5...16	1.5...4		
1.5...16	0.5...4		
1.5...16	0.5...4		
1.5...16	0.5...4		
14...6	22...12		
1.31...16	0.2...6		
Ordering data			
Type	Cat. No.	Qty.	
WPE 10 ZR	<b>1042500000</b>	50	
Support block <sup>1)</sup>			
Bridge <sup>2)</sup>			
Marking tags			
	DEK		
	WS		
Print			
Standard	Standard		
neutral	neutral		
indiv. printed	indiv. printed		
DEK 5	see "Accessories"		
WS 12/6.5	<b>1609920000</b>	540	
WS 12/6.5	<b>1609930000</b>	108	

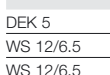
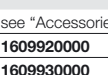
## WPE 2.5/1.5/ZR



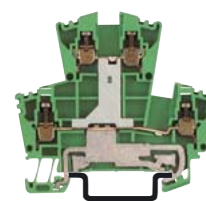
Twin connection			
5/60/47	10/7 mm/M 2.5/3.5 x 0.6		
– V/– A/2.5 mm <sup>2</sup> – V/– A/ 1.5 mm <sup>2</sup>			
690 V/8 kV/3			
0.4...0.6	1/1		
0.5...4	0.5...2.5		
1.5...4	1.5...2.5		
0.5...4	0.5...1.5		
0.5...2.5	0.5...1.5		
0.5...2.5 <sup>3)</sup>	0.5...1.5		
26...12	26...14		
0.13...4	A3	0.08...2.5	A 1
Ordering data			
Type	Cat. No.	Qty.	
WPK 2.5/1.5 ZR	<b>1016400000</b>	100	
Type	Cat. No.	Qty.	
SH 2	<b>0494920000</b>	10	
DEK 5	see "Accessories"		
WS 12/5	<b>1609860000</b>	720	
WS 12/5	<b>1773380000</b>	300	

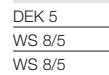
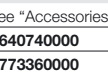
## WPE 70/95



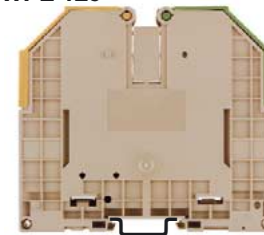
Twin connection			
27/132/115.5 (with TS 35 x 15)	30 mm/M 8/S 6 DIN 6911		
– V/– A/95 mm <sup>2</sup>			
1000 V/8 kV/3			
6.0...12/3.0...6.0 (for centre screw)			
16			
16...120	Using 95 and 120 mm <sup>2</sup>		
16...95	with 10 Nm		
35...95	tightening torque		
35...50			
6...2/0			
16...120		B 12	
Ordering data			
Type	Cat. No.	Qty.	
WPE 70/95	<b>1037300000</b>	10	
Support block <sup>1)</sup>			
Bridge <sup>2)</sup>			
Marking tags			
	DEK		
	WS		
Print			
Standard	Standard		
neutral	neutral		
indiv. printed	indiv. printed		
DEK 5	see "Accessories"		
WS 12/6.5	<b>1609920000</b>	540	
WS 12/6.5	<b>1609930000</b>	108	


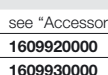
## WDK 2.5 PE WDK 2.5 DU-PE



Twin connection			
5/69/63	10 mm/M 2.5/3.5 x 0.6		
– V/– A/2.5 mm <sup>2</sup>			
400 V/6 kV/3			
0.4...0.6	1/1		
0.5...4	1.5...4		
1.5...4	0.5...4		
0.5...4	0.5...2.5		
0.5...2.5 <sup>3)</sup>	0.5...2.5		
22...12			
0.13...4		A 3	
Ordering data			
Type	Cat. No.	Qty.	
WDK 2.5 PE	<b>1036300000</b>	100	
WDK 2.5 DU-PE	<b>1036400000</b>	100	
Support block <sup>1)</sup>			
Bridge <sup>2)</sup>			
Marking tags			
	DEK		
	WS		
Print			
Standard	Standard		
neutral	neutral		
indiv. printed	indiv. printed		
DEK 5	see "Accessories"		
WS 8/5	<b>1640740000</b>	720	
WS 8/5	<b>1773360000</b>	300	

## WPE 120



Twin connection			
32/132/125.5 (with TS 35 x 15)	35 mm/M 10/S 6 DIN 6911		
– V/– A/120 mm <sup>2</sup>			
1000 V/8 kV/3			
10...20/3.0...6.0 (for centre screw)			
–			
35...150			
35...150			
–			
–			
2...MCM 250			
35...150		B 13	
Ordering data			
Type	Cat. No.	Qty.	
WPE 120	<b>1019700000</b>	10	
Support block <sup>1)</sup>			
Bridge <sup>2)</sup>			
Marking tags			
	DEK		
	WS		
Print			
Standard	Standard		
neutral	neutral		
indiv. printed	indiv. printed		
DEK 5	see "Accessories"		
WS 12/6.5	<b>1609920000</b>	540	
WS 12/6.5	<b>1609930000</b>	108	

<sup>1)</sup> For insul. arrangement of mount. rails in totally insul. installations

<sup>2)</sup> Insertable bridge in a TN C distribution network between N terminal (WDU blue) and PE terminal (WPE)

<sup>3)</sup> Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. **1333100000**

<sup>4)</sup> TS 35x15 Cu,  
Cat. No. **0270100000**

## Protective conductor terminals

### Compact design “N” for low type

#### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

#### Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2

Rated voltage/current for PEN/cross-section

Rated voltage/impulse voltage/pollution severity to adjacent terminal

#### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

#### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

AWG conductor Nr.

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 60 947-7-1 Size

#### Ordering data

Green/yellow Wemid

#### Support block<sup>1)</sup>

#### Marking tags



DEK



WS

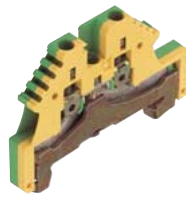
DEK Standard

WS White neutral

WS indiv. printed

#### Print

### WPE 2.5N



5/54/37.5

10 mm/M 2.5/3.5 x 0.6

– V/– A/2.5 mm<sup>2</sup>

500 V/6 kV/3

0.4...0.6

1/1

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5<sup>3)</sup>

26...12

0.13...4

A 3

Type Cat. No. Qty.

WPE 2.5N 1016200000 100

SH 2

0494920000 10

DEK 5 see "Accessories"

WS 12/5 1609860000 720

WS 12/5 1773380000 300

### WPE 4N



6/44/38.5

10 mm/M 3/3.5 x 0.6

– V/– A/4 mm<sup>2</sup>

6 kV/3

0.5...1.0

2

0.5...6

1.5...6

0.5...4

0.5...4

0.5...4

0.13...6

A 3

Type Cat. No. Qty.

WPE 4N 1042700000 100

SH 2

0494920000 10

DEK 6 see "Accessories"

WS 12/6 1609900000 720

WS 12/6 1609910000 30

### Compact design “N” for low type

#### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

#### Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2

Rated voltage/current for PEN/cross-section

Rated voltage/impulse voltage/pollution severity to adjacent terminal

#### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

#### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

AWG conductor Nr.

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 60 947-7-1 Size

#### Ordering data

Green/yellow Wemid

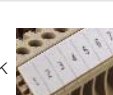
#### Support block<sup>1)</sup>

#### Bridge<sup>2)</sup>

#### Marking tags



DEK



WS

DEK Standard

WS White neutral

WS indiv. printed

#### Print

### WPE 16N



12/60/47

12 mm/M 4/5.5 x 1.0

– V/– A/16 mm<sup>2</sup>

400 V/6 kV/3

1.2...2.0/0.5...1.0 (for centre screw)

–/2 (for centre screw)

4...16

4...25 (25 mm<sup>2</sup> for 2.2 Nm)

4...16

4...16

4...16

14...6

1.5...2

B 7

Type Cat. No. Qty.

WPE 16N 1019100000<sup>3)</sup> 50

SH 2

0494920000 10

#### Bridge on internal side

WQV 16N-PEN 1071360000<sup>4)</sup> 10

DEK 8 see "Accessories"

WS 12/6.5 1609920000 540

WS 12/6.5 1609930000 108

### WPE 35N



16/66/51

18 mm/M 6/5.5 x 1.0

– V/– A/35 mm<sup>2</sup>

400 V/6 kV/3

2.5...5.0/1.2...2.4 (for centre screw)

–/4 (for centre screw)

2.5...16

2.5...50

2.5...35

2.5...35

2.5...35

2.5...35

2.5...50

B 9

Type Cat. No. Qty.

WPE 35N 1717740000<sup>5)</sup> 20

SH 2

0494920000 10

#### Bridge on the external side

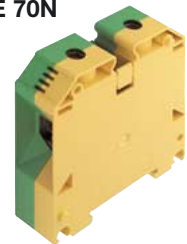
WQB-PEN35N 1079500000 10

DEK 8 see "Accessories"

WS 12/6.5 1609920000 540

WS 12/6.5 1609930000 108

### WPE 70N



20.5/75/93.5 (with TS 35 x 15)<sup>3)</sup>

22 mm/M 8/S 6 DIN 6911

– V/– A/70 mm<sup>2</sup>

1000 V/8 kV/3

6.0...10/2.0...4.0 (for centre screw)

10...16

10...95

10...70

10...70

10...70

10...70

8...2/0

10...95

B 11

Type Cat. No. Qty.

WPE 70N 9512200000<sup>6)</sup> 10

SH 2

0494920000 10

#### Bridge on internal side

WQV 70N-PEN 9525840000 5

DEK 8 see "Accessories"

WS 12/6.5 1609920000 540

WS 12/6.5 1609930000 108

<sup>1)</sup> For insul. arrangement of mount. rails in totally insul. installations

<sup>2)</sup> Insertable bridge in a TN C distribution network between N terminal (WDU blue) and PE terminal (WPE)

<sup>3)</sup> WPE 35 and WPE 70N for TS 35 x 15 Cu Cat. No. 0270100000

<sup>4)</sup> For preparing PEN bridges and using WQV 16 N, route the N conductor-in-feed between PE and phase.

<sup>5)</sup> Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 1333100000

## Protective conductor terminals

### Compact design “N” for low type

#### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

#### Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2

Rated voltage/current for PEN/cross-section

Rated voltage/impulse voltage/pollution severity to adjacent terminal

#### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

#### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

AWG conductor Nr.

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 60 947-7-1 Size

#### Ordering data

Green/yellow Wemid

#### Support block<sup>1)</sup>

#### Marking tags



DEK



WS

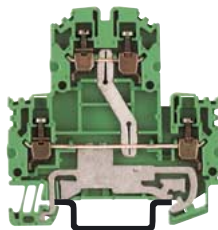
Print

DEK Standard

WS White neutral

WS indiv. printed

### WDK 2.5N PE



UL CUL LR DNV

5/60/62

8 mm/M 2.5/3.5 x 0.6

– V/– A/2.5 mm<sup>2</sup>

800 V/8 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5<sup>2)</sup>

22...12

0.13...4

A 3

Type	Cat. No.	Qty.
WDK 2.5N PE	1041620000	100

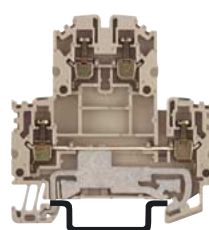
SH 2	0494920000	10
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DEK 5	see "Accessories"
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WS 8/5	1640740000	720
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WS 8/5	1773360000	300
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### WDK 2.5N DU-PE



UL CUL LR DNV

5/60/62

8 mm/M 2.5/3.5 x 0.6

– V/– A/2.5 mm<sup>2</sup>

800 V/8 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5<sup>2)</sup>

22...12

0.13...4

A 3

Type	Cat. No.	Qty.
WDK 2.5N DU-PE	1041650000	100

SH 2	0494920000	10
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DEK 5	see "Accessories"
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WS 8/5	1640740000	720
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WS 8/5	1773360000	300
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### Compact design “N” for low type

#### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

#### Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2

Rated voltage/current for PEN/cross-section

Rated voltage/impulse voltage/pollution severity to adjacent terminal

#### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

#### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

AWG conductor Nr.

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 60 947-7-1 Size

#### Ordering data

Green/yellow Wemid

#### Support block<sup>1)</sup>

#### Marking tags



DEK



WS

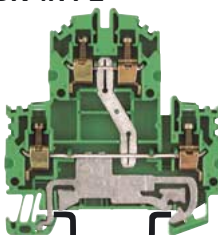
Print

DEK Standard

WS White neutral

WS indiv. printed

### WDK 4N PE



UL CUL LR DNV

5/60/64

8 mm/M 3/3.5 x 0.6

– V/– A/4 mm<sup>2</sup>

800 V/8 kV/3

0.5...1.0

2

0.5...6

1.5...6

0.5...4

1.5...4

1.5...4

26...10

0.13...6

A 3

Type	Cat. No.	Qty.
WDK 4N PE	1041920000	100

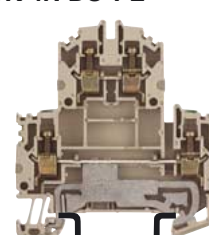
SH 2	0494920000	10
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DEK 5	see "Accessories"
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WS 8/5	1640740000	720
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WS 8/5	1773360000	300
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### WDK 4N DU-PE



UL CUL LR DNV

5/60/64

8 mm/M 3/3.5 x 0.6

– V/– A/4 mm<sup>2</sup>

800 V/8 kV/3

0.5...1.0

2

0.5...6

1.5...6

0.5...4

0.5...4

0.5...4

26...10

0.13...6

A 3

Type	Cat. No.	Qty.
WDK 4N DU-PE	1041950000	100

SH 2	0494920000	10
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DEK 5	see "Accessories"
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WS 8/5	1640740000	720
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WS 8/5	1773360000	300
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Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> For insul. arrangement of mount. rails in totally insul. installations

<sup>2)</sup> Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 1333100000



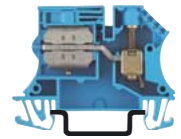
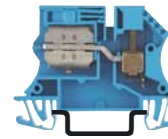
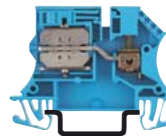
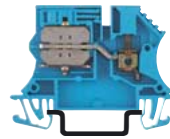
# Neutral disconnect terminals

## WNT 2.5

## WNT 4

## WNT 6

## WNT 10



Max. technical data

### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

### VDE rated data 0611 Part 5

Rated voltage/current/cross-section

Rated voltage/impulse voltage/pollution severity

### Further technical data

Tightening torque range clamping screw / N disconnect Nm

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 60 947-7-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. multi-pole A

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data

### Version

For busbar 10 x 3

Blue Wemid

For busbar 10 x 3 as PA disconnect Dark beige Wemid (VDE 0107)

32 A/4 mm<sup>2</sup>

5/60/47

10 mm/M 2.5/3.5 x 0.6

400 V/24 A/2.5 mm<sup>2</sup>

400 V/6 kV/3

0.4...0.6 / 0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5<sup>1)</sup>

0.13...4 A 3

600 V/25 A/22...12 AWG

600 V/20 A/26...12 AWG

Type Cat. No. Qty.

WNT 2.5 1010680000 100

WNT 2.5 1010600000 100

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WNT 2.5 1010600000 100

WNT 2.5 1010600000 100

41 A/6 mm<sup>2</sup>

6/60/47

10 mm/M 3/3.5 x 0.6

400 V/32 A/4 mm<sup>2</sup>

400 V/6 kV/3

0.5...1.0 / 0.4...0.8

2

0.5...6

1.5...6

0.5...6

0.5...4

0.5...4

0.13...6 A 4

600 V/35 A/22...10 AWG

600 V/35 A/26...10 AWG

Type Cat. No. Qty.

WNT 4 1010780000 100

WNT 4 1010700000 100

WNT 4 1010700000 100

WNT 4 1010700000 100

WNT 4 1010700000 100

WNT 4 1010700000 100

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WNT 4 1010700000 100

57 A/10 mm<sup>2</sup>

8/60/47

12 mm/M 3.5/4.0 x 0.8

400 V/41 A/6 mm<sup>2</sup>

400 V/6 kV/3

0.8...1.2 / 0.8...1.6

3

0.5...10

1.5...10

0.5...10

0.5...6

0.5...6

0.5...10 A 5

600 V/45 A/20...8 AWG

600 V/45 A/20...8 AWG

Type Cat. No. Qty.

WNT 6 1010880000 50

WNT 6 1010800000 50

WNT 6 1010800000 50

WNT 6 1010800000 50

WNT 6 1010800000 50

WNT 6 1010800000 50

WNT 6 1010800000 50

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WNT 6 1010800000 50

WNT 6 1010800000 50

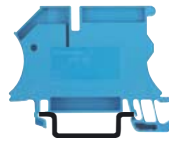
WNT 6 1010800000 50

WNT 6 1010800000 50

WNT 6 1010800000 50

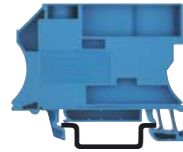
# Neutral disconnect terminals

## WNT 16N



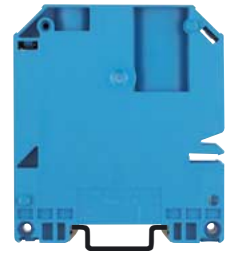
- / -

## WNT 35N



- / -

## WNT 70N



207 A/95 mm<sup>2</sup>

Max. technical data

### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

### VDE rated data 0611 Part 5

Rated voltage/current/cross-section

Rated voltage/impulse voltage/pollution severity

### Further technical data

Tightening torque range clamping screw / N disconnect Nm

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 60 947-7-1 Size

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data

For busbar 10 x 3

Blue Wemid

### Support plate



for SSch 10 x 3 Blue Wemid

Dark beige Wemid

Thickness 1.5 mm

Distance WHP-WHP max. 200mm

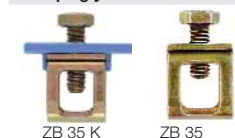
### Busbar 10 x 3



Cu 140 A

Distance f. upper edge busbar to upper edge of TS 35 = 25.5 mm

### Clamping yoke



Supply for SSch 10 x 3  
16...50 mm<sup>2</sup> stranded

ZB 35 K

ZB 35

### Test plug



### End bracket

### Bridge on the external side

Cross-section of connection is reduced by one level

### Marking tags



DEK



WS

DEK Standard

WS White neutral

WS indiv. printed

12/60/47

12 mm/M 4/5.5 x 1.0

400 V/76 A/16 mm<sup>2</sup>

400 V/6 kV/3

1.2...2.2 / 0.8...1.6

4

1.5...16

1.5...25 (25 mm<sup>2</sup> with 2.4 Nm)

1.5...16

1.5...16

1.5...16

1.5...25

16/66/51

18mm/M 6/5.5 x 1.0

400 V/125 A/35 mm<sup>2</sup>

400 V/6 kV/3

2.5...5 / 1.2...2.4

-

2.5...16

2.5...50

2.5...35

2.5...35

2.5...35

2.5...35

20.5/75/86

22 mm/M 8/S 6 DIN 6911

400 V/192 A/70 mm<sup>2</sup>

400 V/6 kV/3

6.0...10 / 2.5...5

-

10...16

10...95

10...70

10...70

10...70

10...95

Type	Cat. No.	Qty.
WNT 16N	1019000000	50

WHP 2.5-10	1050280000	20
WHP 2.5-10	1050200000	20

SSch 10 x 3 Cu	0348900000	1 m
----------------	------------	-----

ZB 35 K	0502680000	20
ZB 35	0266500000	20

PS 2.3	0180400000	20
--------	------------	----

WEW 35 / 2	1061200000	50
------------	------------	----

WQB-PEN 16N	1079600000	10
-------------	------------	----

DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

Type	Cat. No.	Qty.
WNT 35N	1718550000	20

WHP 2.5-10	1050280000	20
WHP 2.5-10	1050200000	20

SSch 10 x 3 Cu	0348900000	1 m
----------------	------------	-----

ZB 35 K	0502680000	20
ZB 35	0266500000	20

PS 2.3	0180400000	20
--------	------------	----

WEW 35 / 2	1061200000	50
------------	------------	----

WQB-PEN 35N	1079500000	10
-------------	------------	----

DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

Type	Cat. No.	Qty.
WNT 70N	9512210000	10

WHP 2.5-10	1050280000	20
WHP 2.5-10	1050200000	20

SSch 10 x 3 Cu	0348900000	1 m
----------------	------------	-----

ZB 35 K	0502680000	20
ZB 35	0266500000	20

PS 4	0299600000	20
------	------------	----

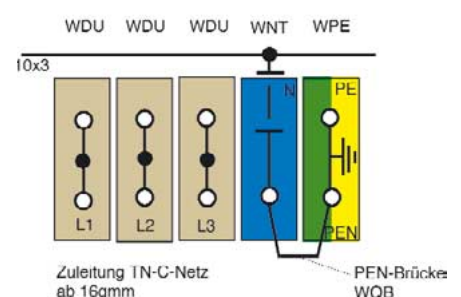
WEW 35 / 2	1061200000	50
------------	------------	----

WQB-PEN 70N	1079700000	10
-------------	------------	----

DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

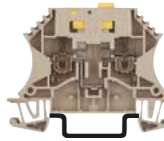
Mounting rails, end brackets, further marking materials see "Accessories"

### TN-S-Circuit



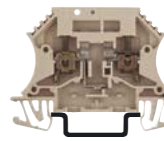
# Disconnect test terminals

## WTR 2.5

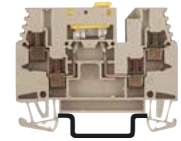


## WTR 2.5

without disconnect



## WTR 2.5/ZZ



Max. technical data

### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

### Rated data

Rated voltage/current/cross-section

Rated impulse voltage acc. to VDE 0110/pollution severity

### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 60 947-7-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. multi-pole A

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data

Version	
Dark beige Wemid	
Dark beige Wemid	2 StB 2.3
Blue Wemid	without StB
Blue Wemid	2 StB 2.3
Dark beige Wemid	2 StB 2.0
Orange PA	

### End plate/partition

WAP WAP (thickness 1.5 mm)

Dark beige Wemid

Blue Wemid

WTW Dark beige Wemid

### Cross-connection / test plug

QL 2-10

PS

PS

Cross-connection plug

(2-pole, ø 2.3) VQB

Screening bar LS 2.8

14 A/2.5 mm<sup>2</sup>

5/60/49

10 mm/M 2.5/3<sup>5</sup>/3.5 x 0.6

800 V<sup>2</sup>/14 A<sup>5</sup>/2.5 mm<sup>2</sup>

8 kV/3

0.4...0.6 / 0.5...0.6 (for test socket)

1/2 (for test socket)

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5<sup>1)</sup>

0.13...4

A 3

26

300 V/10 A/22...12 AWG

300 V/10 A/26...12 AWG

14 A/2.5 mm<sup>2</sup>

5/60/49

10 mm/M 2.5/3<sup>5</sup>/3.5 x 0.6

800 V<sup>2</sup>/14 A<sup>5</sup>/2.5 mm<sup>2</sup>

8 kV/3

0.4...0.6 / 0.5...0.6 (for test socket)

1/2 (for test socket)

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5<sup>1)</sup>

0.13...4

A 3

26

300 V/10 A/22...12 AWG

300 V/10 A/26...12 AWG

14 A/1.5 mm<sup>2</sup>

5/60/49

7 mm/M 3/3.5 x 0.6

400 V/14 A<sup>5</sup>/2.5 mm<sup>2</sup>

6 kV/3

0.5...0.6

2

0.5...4

1.5...4

0.5...2.5

0.5...2.5

0.5...2.5<sup>1)</sup>

0.13...4

A 3

24

300 V/10 A/22...12 AWG

300 V/10 A/26...12 AWG

Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 1333100000

<sup>2)</sup> As disconnect test terminal 500 V

<sup>3)</sup> Apply only 250 V to the diode

<sup>4)</sup> When using the screening bar, rated voltage is reduced to 250 V

<sup>5)</sup> Rated current is limited to 1 A, if a diode plug with soldered diode is used

## Disconnect test terminals



Max. technical data

### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

### Rated data

Rated voltage/current/cross-section

Rated impulse voltage acc. to VDE 0110/pollution severity

### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 60 947-7-1 Size

Cont. current of cross-connect. multi-pole A

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data

Version	
Dark beige Wemid	
Dark beige Wemid	
Blue Wemid	
Blue Wemid	
Dark beige Wemid	
Orange PA	

### End plate/partition

WAP (thickness 1.5 mm)

Dark beige Wemid

Blue Wemid

WTW Dark beige Wemid

WTW Dark beige Wemid

### Cross-connection / test plug

QL 2-10

PS

Cross-connection plug

(2-pole, ø 2.3) QVB

Screening bar LS 2.8

Screening bar LS 2.8

Screening bar LS 2.8

Screening bar LS 2.8

Screening bar LS 2.8

Screening bar LS 2.8

Screening bar LS 2.8

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Screening bar LS 2.8

Screening bar LS 2.8

Screening bar LS 2.8

Screening bar LS 2.8

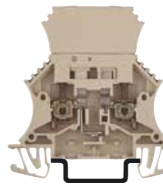
Screening bar LS 2.8

Screening bar LS 2.8

Screening bar LS 2.8

## WTR 2.5 D

with diode plug



14 A / 2.5 mm<sup>2</sup>

5/60/49 + 18 for WSD

10 mm/M 2.5/3.5 x 0.6

500 V<sup>3)</sup>/14 A<sup>4)</sup>/2.5 mm<sup>2</sup>

6 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5<sup>1)</sup>

0.13...4

26

300 V/10 A/22...12 AWG

300 V/10 A/26...12 AWG

1013500000 25

1013600000 25

1013700000 25

1013800000 25

1013900000 25

1014000000 25

1014100000 25

1014200000 25

1014300000 25

1014400000 25

1014500000 25

1014600000 25

1014700000 25

1014800000 25

1014900000 25

1015000000 25

1015100000 25

1015200000 25

1015300000 25

1015400000 25

1015500000 25

1015600000 25

1015700000 25

1015800000 25

1015900000 25

1016000000 25

1016100000 25

1016200000 25

1016300000 25

1016400000 25

1016500000 25

1016600000 25

1016700000 25

1016800000 25

1016900000 25

1017000000 25

1017100000 25

1017200000 25

1017300000 25

1017400000 25

1017500000 25

1017600000 25

1017700000 25

1017800000 25

1017900000 25

1018000000 25

1018100000 25

1018200000 25

1018300000 25

1018400000 25

1018500000 25

1018600000 25

1018700000 25

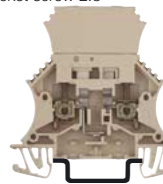
1018800000 25

1018900000 25

1019000000 25

## WTR 2.5 D

with StB  
with diode plug and  
test socket screw 2.3



14 A / 2.5 mm<sup>2</sup>

5/60/49 + 18 for WSD

10 mm/M 3/3.5 x 0.6

800 V<sup>3)</sup>/14 A<sup>4)</sup>/2.5 mm<sup>2</sup>

6 kV/3

0.4...0.6 / 0.5...0.6 (for test socket)

2

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5<sup>1)</sup>

0.13...4

26

300 V/10 A/22...12 AWG

300 V/10 A/26...12 AWG

1013200000 25

1013300000 25

1013400000 25

1013500000 25

1013600000 25

1013700000 25

1013800000 25

1013900000 25

1014000000 25

1014100000 25

1014200000 25

1014300000 25

1014400000 25

1014500000 25

1014600000 25

1014700000 25

1014800000 25

1014900000 25

1015000000 25

1015100000 25

1015200000 25

1015300000 25

1015400000 25

1015500000 25

1015600000 25

1015700000 25

1015800000 25

1015900000 25

1016000000 25

1016100000 25

1016200000 25

1016300000 25

1016400000 25

1016500000 25

1016600000 25

1016700000 25

1016800000 25

1016900000 25

1017000000 25

1017100000 25

1017200000 25

1017300000 25

1017400000 25

1017500000 25

1017600000 25

1017700000 25

1017800000 25

1017900000 25

1018000000 25

1018100000 25

1018200000 25

1018300000 25

1018400000 25

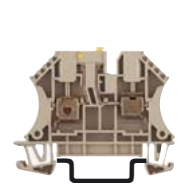
1018500000 25

1018600000 25

1018700000 25

## WTR 4

with StB



32 A / 4 mm<sup>2</sup>

6/60/47

13 mm/M 3/3.5 x 0.6

400 V/32 A<sup>4)</sup>/4 mm<sup>2</sup>

6 kV/3

0.5...1.0 / 0.5...0.6 (for test socket)

2

0.5...6

1.5...6

0.5...4

0.5...4

0.5...4

1...6

32

300 V<sup>1)</sup>/10 A<sup>1)</sup>/22...12 AWG

300 V<sup>1)</sup>/10 A<sup>1)</sup>/22...10 AWG

7910210000 50

7910180000 50

7910220000 50

7910190000 50

7910200000 50

7910210000 50

7910220000 50

7910230000 50

7910240000 50

7910250000 50

7910260000 50

7910270000 50

7910280000 50

7910290000 50

7910300000




## Disconnect test terminals

### SAKC 4/35



#### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5   
Insulation stripping length/clamping screw/screwdriver blade

#### Rated data

Rated voltage/current/cross-section  
Rated impulse voltage acc. to VDE 0110/pollution severity

#### Further technical data

Tightening torque range Nm  
Torque setting with DMS 2 electric screwdriver

#### Clampable conductors

Solid H07V-U mm<sup>2</sup>  
Stranded H07V-R mm<sup>2</sup>  
Flexible H07V-K mm<sup>2</sup>  
Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>  
Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>  
Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 60 947-7-1 Size  
Cont. current of cross-connect. 2-pole A  
Cont. current of cross-connect. multi-pole A

#### UL/CSA rated data

Voltage/current/conductor size UL  
Voltage/current/conductor size CSA

#### Ordering data

Material KrG, colour: dark beige Wemid  
Material KrG, colour: dark beige Wemid  
dark beige Wemid  
Blue Wemid

6.5/49.5/42.5/59.5  
12 mm/M 3/3.5 x 0.6

400 V/25 A/4 mm<sup>2</sup>  
6 kV/3

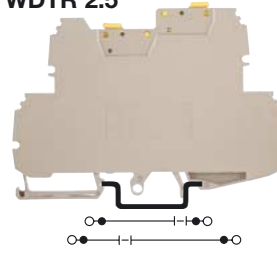
0.5...1.0  
2

0.5...6  
1.5...4  
0.5...4  
0.5...4

Size A 4  
10  
10

	Cat. No.	Qty.
SAKC 4/35	0357560000	50
SAKC 4/35 2StB 2.3	0357660000	50
SAKC 4/35 BL		
SAKC 4/35 BL		

### WDTR 2.5



10 A/1.5 mm<sup>2</sup>

6.2/94/69  
8 mm/M 3/3.5 x 0.6

400 V/13 A<sup>1)</sup>/2.5 mm<sup>2</sup>  
4 kV/3

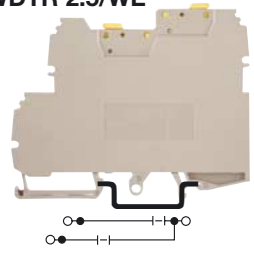
0.5...0.6  
2

0.5...4  
1.5...4  
0.5...2.5  
0.5...2.5  
0.5...2.5  
0.13...4

24

	Cat. No.	Qty.
	9528070000	25
	9528080000	25

### WDTR 2.5/WE



10 A/1.5 mm<sup>2</sup>

6.2/81/69  
8 mm/M 3/3.5 x 0.6

400 V/10 A<sup>1)</sup>/2.5 mm<sup>2</sup>  
4 kV/3

0.5...0.6  
2

0.5...4  
1.5...4  
0.5...2.5  
0.5...2.5  
0.5...2.5  
0.13...4

24

	Cat. No.	Qty.
	9528090000	25
	9528100000	25

#### End plate/partition

Dark beige Wemid  
Blue Wemid  
Dark beige Wemid

Type	Cat. No.	Qty.
AP	0177600000	20
TW(1.5)	0130160000	20
TW(1.0)	0297100000	20

Type	Cat. No.	Qty.

Type	Cat. No.	Qty.

(Thickness 1.5 mm)

#### Cross-connection



QL 2-10



PS



Cross-connection plug  
(2-pole, ø 2.3) VQB

#### Notching tool for cross-connections

To notch the punch-out in the terminal support

#### Screwdriver



SDIZ

	Cat. No.	Qty.
QB 2	0482700000	100
QB 3	0482800000	50
QB 4	0482900000	50
Q 25 blank	0134000000	20

	Cat. No.	Qty.
PS 2.3 (ø 2.3)	0180400000	20

	Cat. No.	Qty.
VQB 1.5/50BL	1633280000	5
VQB 1.5/50RT	1633290000	5
VQB 1.5/50SW	1635120000	5

	Cat. No.	Qty.
PS 2.3 (ø 2.3)	0180400000	20

	Cat. No.	Qty.
VQB 1.5/50BL	1633280000	5
VQB 1.5/50RT	1633290000	5
VQB 1.5/50SW	1635120000	5

	Cat. No.	Qty.
PS 2.3 (ø 2.3)	0180400000	20

#### Diode plug (spare)



With wire link  
Without special components

#### Marking tags



DEK



WS

DEK Standard  
WS White neutral  
WS indiv. printed

	Print
DEK 6.5	see "Accessories"

	Cat. No.	Qty.
WSD 2.5	1058460000	25
WSD 2.5	1058560000	25
WSD 2.5	1058660000	25
WSD 2.5	1058760000	25
DEK 6.5	see "Accessories"	
WS 12/6	1609900000	600
WS 12/6	1609910000	120

	Cat. No.	Qty.
WSD 2.5	1058460000	25
WSD 2.5	1058560000	25
WSD 2.5	1058660000	25
WSD 2.5	1058760000	25
DEK 6.5	see "Accessories"	
WS 12/6	1609900000	600
WS 12/6	1609910000	120

Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> Rated current is limited to 1 A, if a diode plug with soldered diode is used.

## Disconnect test terminals

**WDT 1.5/1**  
with space-saving TOP  
connection



**WDT 1.5/2**  
with space-saving TOP  
connection



**WDT 1.5/3**  
with space-saving TOP  
connection



### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

### Rated data

Rated voltage/current/cross-section

Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity

### Further technical data

Tightening torque range

Nm

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U

mm<sup>2</sup>

Stranded H07V-R

mm<sup>2</sup>

Flexible H07V-K

mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1

mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar

mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 60 947-1

Size

Cont. current of cross-connect. 2-pole

A

Cont. current of cross-connect. multi-pole

A

### UL/CSA rated data

Voltage/current/conductor size

UL

Voltage/current/conductor size

CSA

### Ordering data

### Version

Dark beige/yellow Wemid

Beige/yellow PA

Blue/light blue PA

### Test plug



PS



6.5/112/67

10 mm/M 2.5/3.5 x 0.6

250 V/10 A/1.5 mm<sup>2</sup>

4 kV/3

0.4...0.6

1

0.5...2.5

1.5...2.5

0.5...1.5

0.5...1.5

0.5...1.5

0.13...2.5 A 2

150 V/10 A/26...14 AWG

150 V/10 A/26...14 AWG

Cat. No. Qty.

1015800000 25

1015860000 25

Type Cat. No. Qty.

PS 2.3 0180400000 20



6.5/112/67

10 mm/M 2.5/3.5 x 0.6

250 V/10 A/1.5 mm<sup>2</sup>

4 kV/3

0.4...0.6

1

0.5...2.5

1.5...2.5

0.5...1.5

0.5...1.5

0.5...1.5

0.13...2.5 A 2

150 V/10 A/26...14 AWG

150 V/10 A/26...14 AWG

Cat. No. Qty.

1015900000 25

1015560000 25

Type Cat. No. Qty.

PS 2.3 0180400000 20



6.5/112/67

10 mm/M 2.5/3.5 x 0.6

250 V/10 A/1.5 mm<sup>2</sup>

4 kV/3

0.4...0.6

1

0.5...2.5

1.5...2.5

0.5...1.5

0.5...1.5

0.5...1.5

0.13...2.5 A 2

150 V/10 A/26...14 AWG

150 V/10 A/26...14 AWG

Cat. No. Qty.

1016000000 25

1015760000 25

1016160000 25

Type Cat. No. Qty.

PS 2.3 0180400000 20

## Switching examples

### WDT 1.5/...

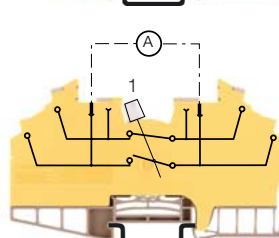
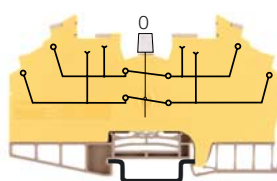
### Disconnect test terminals

### W-series

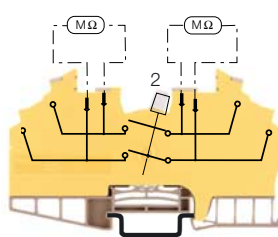
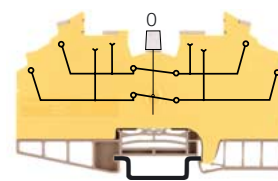
The WDT 1.5 enables the disconnection of one- and two-pole signal lines. By simply operating the selection switch, insulation and current measurements can be performed.

- Quick and reliable conductor connection thanks to TOP connection with open clamping unit
- Test point via test socket screw
- Clear colour coding of conductor connection, test point and switch position
- Non-symmetrical shape enhances mounting rail orientation
- High distortion stiffness thanks to dual-shell enclosed terminal carrier

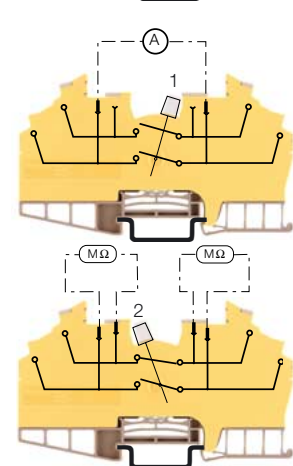
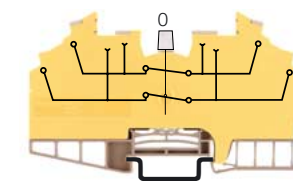
**WDT 1.5/1**  
with space-saving TOP  
connection



**WDT 1.5/2**  
with space-saving TOP  
connection



**WDT 1.5/3**  
with space-saving TOP  
connection



### Marking tags



DEK



WS

### Print

DEK Standard

WS White neutral

WS indiv. printed

DEK 6.5 see

"Accessories"

WS 8/5 1640740000 720

WS 8/5 1773360000 300

DEK 6.5 see

"Accessories"

WS 8/5 1640740000 720

WS 8/5 1773360000 300

DEK 6.5 see

"Accessories"

WS 8/5 1640740000 720

WS 8/5 1773360000 300

Mounting rails, end brackets, further marking materials see "Accessories"

## Fuse terminals

### Note:

With blown fuse the follow-on circuit is still under current. Disconnect lever to open circuit.

Max. technical data

#### Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

#### Rated data of terminal base

Rated voltage/current/cross-section

Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity

#### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

#### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 947-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. multi-pole A

#### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

#### Ordering data

Version	
Dark beige Wemid	
Dark beige Wemid/LED	
Dark beige Wemid/LED	
Dark beige Wemid/LED	
Dark beige Wemid/LED	

#### Partition/End plate

WAP	WTW
Thickness 1.5 mm	Thickness 1.5 mm

#### Cross-connection



Notching tool for QL WAW 2

#### G fuse inserts 5 x 20 mm

Acc. to IEC 60127-2 (VDE 0820 T.2 BI<sup>2</sup>) Rat. current (A):0.10 fast

Rated voltage 250 V 0.20 fast

Rated switch-off capacity 1500 A 0.25 fast

(at 250 V, 50 Hz, cos φ = 0.7) 0.50 fast

1.0 fast

1.6 fast

2.0 fast

2.5 fast

3.15 fast

4.0 fast

5.0 fast

6.3 fast

### WTR 2.5/SI with fuse holder for G fuse inserts 5x20



6.3 A<sup>1)</sup>/-

5/60/83

10 mm/M 2.5/3.5 x 0.6

400 V/6.3 A<sup>2)</sup>/2.5 mm<sup>2</sup>

6 kV/3

0.4...0.8

1/2

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5<sup>3)</sup>

0.13...4

26

400 V/10 A/22...10 AWG<sup>5)</sup>

### WTR 4/SI



6.3 A<sup>1)</sup>/-

6/60/82

13 mm/M 3/3.5 x 0.6

400 V/6.3 A<sup>2)</sup>/4 mm<sup>2</sup>

6 kV/3

0.5...1.0

2

0.5...6

1.5...6

0.5...4

0.5...4

0.5...4

0.13...6

32

32

300 V/6.3 A/22...10 AWG<sup>4)</sup>

300 V/6.3 A/22...10 AWG<sup>4)</sup>

## Fuse terminals

**Note:**  
With blown fuse the follow-on circuit is still under current. Disconnect lever to open circuit..

Max. technical data

### Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

### Rated data of terminal base

Rated voltage/current/cross-section

Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity

### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 947-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. multi-pole A

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data

Version

Dark beige Wemid

Dark beige Wemid/LED

Dark beige Wemid/LED

Dark beige Wemid/LED

### Partition/End plate

WTW

Thickness 1.5 mm

### Cross-connection

QL 2-10

## SAKS 2/35

for D fuses E 16



28/80/75

12 mm/M 4/5.5 x 1

500 V/10 (25) A<sup>\*)</sup>/10 mm<sup>2</sup>

6 kV/3

1.2...2.4

4

0.5...16

0.5...10

0.5...10

0.5...10

0.33...16

(QL 2...5) 47

(QL 6...10) 36

600 V/25 A/22...8 AWG

Dark beige Wemid KrG

Dark beige Wemid/LED

Dark beige Wemid/LED

Dark beige Wemid/LED

Dark beige Wemid/LED

Dark beige Wemid/LED

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Dark beige Wemid/LED

## SAKS 4/35

for D 01 fuses E 14



24/75/66

14 mm/M 4/5.5 x 1

400 V<sup>\*)</sup>/16 A/10 mm<sup>2</sup>

6 kV/3

1.2...2.4

4

0.5...16

1.5...10

1.5...10

1.5...10

0.33...16

(QL 2...5) 47

(QL 6...10) 36

600 V/30 A/22...8 AWG

Dark beige Wemid KrG

Dark beige Wemid/LED

Dark beige Wemid/LED

Dark beige Wemid/LED

Dark beige Wemid/LED

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Dark beige Wemid/LED

## SAKS 5/35

for D 02 fuses E 18



28/80/66

13 mm/M 4/5.5 x 1

400 V<sup>\*)</sup>/63 A/16 mm<sup>2</sup>

6 kV/3

1.2...2.4

4

1.5...16

1.5...16

1.5...16

1.5...16

1.5...16

(QL 2...5) 47

(QL 6...10) 36

600 V/63 A/14...6 AWG

Dark beige Wemid KrG

Dark beige Wemid/LED

Dark beige Wemid/LED

Dark beige Wemid/LED

Dark beige Wemid/LED

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Dark beige Wemid/LED

Dark beige Wemid/LED

## Fuse terminals

### Note:

Voltage is disconnected by opening the disconnect lever  
If the fuse of the LED variants is defective, the follow-on circuit is still under current, since low-level current is still flowing via the LED (for own consumption).

Max. technical data

### Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

### Rated data of terminal base

Rated voltage/current/cross-section

Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity

### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 947-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. multi-pole A

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data

### Version

Dark beige Wemid

Dark beige Wemid/LED

Dark beige Wemid/LED

Dark beige Wemid/LED

Dark beige Wemid/LED

Replacement disconnect lever, dark beige Wemid/LED

Replacement disconnect lever, dark beige Wemid/LED

Replacement disconnect lever, dark beige Wemid/LED

### Partition/End plate

WAP

WTW



Thickness 1.5 mm



Thickness 1.5 mm

### Cross-connection/Test plug/Notching tool



QL 2-10



Notching tool for QL WAW 2

### G fuse inserts 5 x 25 mm with indicator

Acc. to DIN 41 576

Rated current (A):0.2 med. blow

Rated voltage 250 V 0.5 med. blow

0.8 med. blow

1 med. blow

10 med. blow

2 fast

4 fast

6.3 fast

### G fuse inserts 5 x 20 mm

Acc. to IEC 60127-2 (VDE0820T.2 BI 1) rated current (A):0.10 fast

Rated voltage 250 V 0.20 fast

Rated switch-off capacity 1500 A 0.25 fast

(at 250 V, 50 Hz, cos φ = 0.7) 0.50 fast

1.0 fast

1.6 fast

2.0 fast

2.5 fast

3.15 fast

4.0 fast

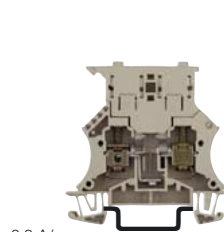
5.0 fast

6.3 fast

### Mounting rails, end bracket, marking material see "Accessories"

## WSI 6

for metric fuses



6.3 A/-

8/60/60

12 mm/M 3.5/4.0 x 0.8

500 V<sup>2)</sup> /6.3 A<sup>1)</sup> /6 mm<sup>2</sup>

6 kV/3

0.8...1.6

3

0.5...10

1.5...10

0.5...10

0.5...6

0.5...6

0.5...10 A 5

26

300 V/10 A/20...8 AWG

300 V/10 A/20...8 AWG

Type	Cat. No.	Qty.
WAP	1011000000	50

Type	Cat. No.	Qty.
WTW 2.5-10	1050100000	20

Provide partition behind the last WSI 6

Type	Cat. No.	Qty.
QL 2	0194300000	50

Type	Cat. No.	Qty.
QL 3	0194400000	50

Type	Cat. No.	Qty.
QL 4	0194500000	50

Type	Cat. No.	Qty.
QL 10	0338300000	20

Type	Cat. No.	Qty.
BS-M 3x5	1052100000	100

Type	Cat. No.	Qty.
PS 2.3	0180400000	20

Type	Cat. No.	Qty.
WAW 2	9004510000	1

Type	Cat. No.	Qty.
WAP	1050000000	50

Type	Cat. No.	Qty.
WTW 2.5-10	1050100000	20

Type	Cat. No.	Qty.
QL 2	0194300000	50

Type	Cat. No.	Qty.
QL 3	0194400000	50

Type	Cat. No.	Qty.
QL 4	0194500000	50

Type	Cat. No.	Qty.
QL 10	0338300000	20

Type	Cat. No.	Qty.
BS-M 3x5	1052100000	100

Type	Cat. No.	Qty.
PS 2.3	0180400000	20

Type	Cat. No.	Qty.
WAW 2	9004510000	1

Type	Cat. No.	Qty.
WAP	0546900000	10

Type	Cat. No.	Qty.
WTW 2.5-10	0510300000	10

Type	Cat. No.	Qty.
QL 2	0646400000	10

Type	Cat. No.	Qty.
QL 3	0265800000	10

Type	Cat. No.	Qty.
QL 4	0193100000	10

Type	Cat. No.	Qty.
QL 10	0192700000	10

Type	Cat. No.	Qty.
BS-M 3x5	0192800000	10

Type	Cat. No.	Qty.
PS 2.3	0192900000	10

Type	Cat. No.	Qty.
WAW 2	0430300000	10

Type	Cat. No.	Qty.
WAP	0430400000	10

Type	Cat. No.	Qty.
WTW 2.5-10	0430500000	10

Type	Cat. No.	Qty.
QL 2	0430600000	10

Type	Cat. No.	Qty.
QL 3	0430700000	10

Type	Cat. No.	Qty.
QL 4	0430800000	10

Type	Cat. No.	Qty.
QL 10	0430900000	10

Type	Cat. No.	Qty.
BS-M 3x5	0431000000	10

Type	Cat. No.	Qty.
PS 2.3	0431100000	10

Type	Cat. No.	Qty.
WAW 2	0431200000	10

Type	Cat. No.	Qty.
WAP	0431300000	10

Type	Cat. No.	Qty.
WTW 2.5-10	0431400000	10

Type	Cat. No.	Qty.
QL 2	0431000000	10

Type	Cat. No.	Qty.
QL 3	0431100000	10

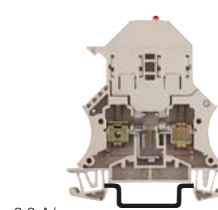
Type	Cat. No.	Qty.
QL 4	0431200000	10

Type	Cat. No.	Qty.
QL 10	0431300000	10

Type	Cat. No.	Qty.
BS-M 3x5	0431400000	10

## WSI 6 LD

with LED indicator for DC or AC voltage



6.3 A/-

8/60/70

12 mm/M 3.5/4.0 x 0.8

500 V<sup>2)</sup> /6.3 A<sup>1)</sup> /6 mm<sup>2</sup>

6 kV/3

0.8...1.6

3

0.5...10

1.5...10

0.5...10

0.5...6

0.5...6

0.5...10 A 5

26

300 V/10 A/20...8 AWG

300 V/10 A/20...8 AWG

Type	Cat. No.	Qty.
WAP	1011300000	50

Type	Cat. No.	Qty.
WTW 2.5-10	1012200000	50

Type	Cat. No.	Qty.
QL 2	1012300000	50

Type	Cat. No.	Qty.
QL 3	1012400000	50

Type	Cat. No.	Qty.
QL 4	1012500000	50

Type	Cat. No.	Qty.
QL 10	1012600000	50

Type	Cat. No.	Qty.
BS-M 3x5	1012700000	50

Type	Cat. No.	Qty.
PS 2.3	1012800000	50

Type	Cat. No.	Qty.
WAW 2	1012900000	50

Type	Cat. No.	Qty.
WAP	1050000000	50

Type	Cat. No.	Qty.
WTW 2.5-10	1050100000	20

Type	Cat. No.	Qty.
QL 2	0194300000	50

Type	Cat. No.	Qty.
QL 3	0194400000	50

Type	Cat. No.	Qty.
QL 4	0194500000	50

Type	Cat. No.	Qty.
QL 10	0338300000	20



## Fuse terminals

### Note:

Voltage is disconnected by opening the disconnect lever  
If the fuse of the LED variants is defective, the follow-on circuit is still under current, since low-level current is still flowing via the LED (for own consumption).

Max. technical data

### Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

### Rated data of terminal base

Rated voltage/current/cross-section

Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity

### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 947-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. multi-pole A

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data

#### Version

Dark beige Wemid

Dark beige Wemid/LED

Dark beige Wemid/LED

Dark beige Wemid/LED

Dark beige Wemid/LED

### Partition/End plate

WAP

WTW



Thickness 1.5 mm



Thickness 1.5 mm

### Cross-connection

QL 2-10



Notching tool for QL WAW 2

### G fuse inserts 5 x 25 mm with indicator

Acc. to DIN 41 576 Rated current (A):

Rated voltage 250 V

0.2 med. blow

0.5 med. blow

0.8 med. blow

1 med. blow

10 med. blow

2 fast

4 fast

6.3 fast

### G fuse inserts 5 x 20 mm

Rated current (A): 0.10 fast

Acc. to IEC 60127-2 (VDE0820T.2 BI 1)

Rated voltage 250 V

Rated switch-off capacity 1500 A

(at 250 V, 50 Hz, cos φ = 0.7)

### Marking tags



DEK



WS

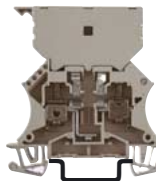
DEK Standard

WS White neutral

WS indiv. printed

### Print

### WSI 6/2<sup>1)</sup> for inch fuses



10 A/-

12/60/67

12 mm/M 3.5/4.0 x 0.8

500 V<sup>3)</sup> /6.3 A<sup>2)</sup>/6 mm<sup>2</sup>

6 kV/3

0.8...1.6

3

0.5...10

1.5...10

0.5...10

0.5...6

0.5...6

0.5...6

0.5...6

0.5...10

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0.5...10

0.5...10

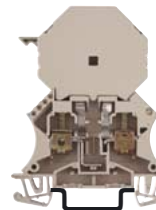
0.5...10

0.5...10

0.5...10

0.5...10

### WSI 6/2<sup>1)</sup> with LED for inch fuses VAC/VDC



10 A/-

12/60/79

12 mm/M 3.5/4.0 x 0.8

500 V<sup>3)</sup> /6.3 A<sup>2)</sup>/6 mm<sup>2</sup>

6 kV/3

0.8...1.6

3

0.5...10

1.5...10

0.5...10

0.5...6

0.5...6

0.5...6

0.5...6

0.5...10

0.5...10

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0.5...10

0.5...10

0.5...10

0.5...10

0.5...10

### WSI 6/2<sup>1)</sup> with 2 LEDs for inch fuses only VDC

2-pole  
connection  
of LED

This item has been replaced by  
WSI 6 LD with the same functional-  
ity (see left side).  
Pay attention to the voltage  
ranges!

### Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> Thermal rated current acc. to VDE 0611  
= 6.3 A, when used as short-circuit fuse only up to 15 A.

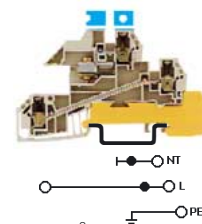
<sup>2)</sup> Maximum power loss 1.6 W

<sup>3)</sup> Rated voltage 500 V for centrally arranged  
fuse inserts or contact sleeves

## Distribution terminals for N rail 10 x 3

### Terminals/accessories

#### WDL 2.5/S/ NT/L/PE



32 A/4 mm<sup>2</sup>

6/84.5/48.7  
8 mm/M 2.5/3.5 x 0.6  
VDE 0611 Part 4  
250V/400V/24 A/2.5 mm<sup>2</sup>  
250V/400 V/4 kV/3

0.4...0.6  
1

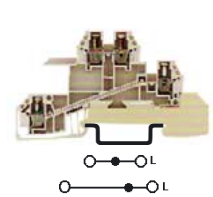
0.5...4  
1.5...4  
0.5...4  
0.25...2.5  
0.25...2.5  
0.13...4 A 3  
24

300 V/15 A/22...12 AWG  
300 V/10 A/26...12 AWG

Cat. No. Qty.  
1030600000 50

(NT connection  
coded blue)

#### WDL 2.5/S/ L/L



32 A/4 mm<sup>2</sup>

6/84.5/48.7  
8 mm/M 2.5/3.5 x 0.6  
IEC 60 947-7-1  
400 V/24 A/2.5 mm<sup>2</sup>  
400 V/6 kV/3

0.4...0.6  
1

0.5...4  
1.5...4  
0.5...4  
0.25...2.5  
0.25...2.5  
0.13...4 A 3  
24

300 V/15 A/22...12 AWG  
300 V/10 A/26...12 AWG

Cat. No. Qty.  
1031200000 50

Installation specifications for heavy-current installations up to 1000 V (according to VDE 0100; IEC 364) require an insulation measurement test of the erected installation. Special regulations stipulate an insulation measurement of all outgoing conductors (L 1, L 2, L 3, N) without making any disconnections. These requirements are met by the three-way terminal WDL. Circuits can be connected on three levels across a width of only 6 mm in a clear and space-saving manner.

#### WDL 2.5/S...

N cross-connection with the proven busbar system 10 x 3 mm up to 140 A. The supply power of the busbar is fed directly via a separate clamping yoke (ZB 35) or a N disconnect terminal from the WNT-series.

#### WDL 2.5/S/L/L

Three-phase circuits can be realized by combining three-way terminals (L 1, NT, PE) with WDL 2.5/S/L/L two-way terminals (L 2, L 3).

Max. technical data

##### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5  
Insulation stripping length/clamping screw/screwdriver blade

##### Rated data

Rated voltage/current/cross-section  
Rated voltage/surge voltage/pollution severity

##### Further technical data

Tightening torque range Nm  
Torque setting with DMS 2 electric screwdriver

##### Clampable conductors

Solid H07V-U mm<sup>2</sup>  
Stranded H07V-R mm<sup>2</sup>  
Flexible H07V-K mm<sup>2</sup>  
Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>  
Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>  
Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 60 947-7-1 Size  
Cont. current of cross-connect. Q multi-pole A

##### UL/CSA rated data

Voltage/current/conductor size UL  
Voltage/current/conductor size CSA

##### Ordering data

for TS 35 / Dark beige Wemid

##### End plate



##### Support plate



for SSch 10 x 3  
Blue Wemid  
Thickness 1.5 mm

Distance  
WHP-WHP  
max. 200 mm

##### Small partition for Q

##### Cross-connection (L/N/NT)



##### Busbar 10 x 3

Distance f. upper edge busbar to upper edge of TS 35 = 25.5 mm

Cu 140 A

##### Clamping yoke



Supply for SSch 10 x 3  
16...50 mm<sup>2</sup> stranded  
16...35 mm<sup>2</sup> flexible  
Gauge pin B9

##### N-Disconnect terminal

as input terminals

##### End bracket

##### Marking tags



DEK Standard  
WS White neutral  
WS indiv. printed

##### Print

DEK 6 see "Accessories"  
WS 8/5 1640740000 720  
WS 8/5 1773360000 300

Mounting rails, end brackets, further marking materials see "Accessories"

##### Type Cat. No. Qty.

WAP WDL 2.5/S  
1067700000 20

WHP WDL 2.5/S  
1067980000 20

TSch 1 0319160000 100

Q 2 1071500000 50  
Q 3 1071600000 50  
Q 4 1071700000 50  
Q 10 1071800000 20  
Q 20 1074200000 20

SSch 10 x 3 Cu  
0348900000 1 m

ZB 35 K 0502680000 50

WNT 10 1010980000 50  
WNT 16 N 1019000000 50  
WNT 70 N 9512210000 10

WEW 35 / 2 1061200000 50

##### Type Cat. No. Qty.

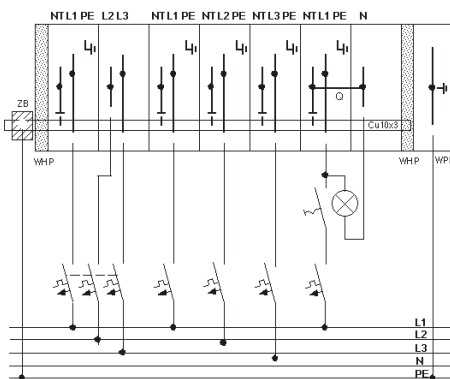
WAP WDL 2.5/S  
1067700000 20

TSch 1 0319160000 100

Q 2 1071500000 50  
Q 3 1071600000 50  
Q 4 1071700000 50  
Q 10 1071800000 20  
Q 20 1074200000 20

WEW 35 / 2 1061200000 50

DEK 6 see "Accessories"  
WS 8/5 1640740000 720  
WS 8/5 1773360000 300



## Distribution terminals for N rail 10 x 3

WDL 2.5/S blocks  
for a three-phase circuit  
for three AC circuits32 A/4 mm<sup>2</sup>

12/18/84.5/48.7

8 mm/M 2.5/3.5 x 0.6

250V/400V/24 A/2.5 mm<sup>2</sup>

250V/400V/4 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.25...2.5

0.25...2.5

0.13...4 A 3

24

300 V/15 A/22...12 AWG

300 V/10 A/26...12 AWG

Cat. No. Qty.

Block of 3; 1030600000

= 1034200000 25

Block of 1 à 1 piece 1030600000 a.

1031200000 = 1034100000 20

Type Cat. No. Qty.

WAP WDL 2.5/S

1067700000 20

WHP WDL 2.5/S

1067980000 20

TSch 1

0319160000 100

Q 2

1071500000 50

Q 3

1071600000 50

Q 4

1071700000 50

Q 10

1071800000 20

Q 20

1074200000 20

SSch 10 x 3 Cu

0348900000 1 m

ZB 35 K

0502680000 50

WNT 10

1010980000 50

WNT 16 N

1019000000 50

WNT 70 N

9512210000 10

WEW 35 / 2

1061200000 50

DEK 6

see "Accessories"

WS 8/5

1640740000 720

WS 8/5

1773360000 300

## WDL 2.5/S/N

32 A/4 mm<sup>2</sup>

6/84.5/48.7

8 mm/M 2.5/3.5 x 0.6

IEC 60 947-7-1

400 V/24 A/2.5 mm<sup>2</sup>

400 V/6 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.25...2.5

0.25...2.5

0.13...4 A 3

24

300 V/15 A/22...12 AWG

300 V/10 A/26...12 AWG

Cat. No. Qty.

1030900000 50

(N connection

coded blue)

Type Cat. No. Qty.

WAP WDL 2.5/S

1067700000 20

WHP WDL 2.5/S

1067980000 20

TSch 1

0319160000 100

Q 2

1071500000 50

Q 3

1071600000 50

Q 4

1071700000 50

Q 10

1071800000 20

Q 20

1074200000 20

SSch 10 x 3 Cu

0348900000 1 m

ZB 35 K

0502680000 50

WNT 10

1010980000 50

WNT 16 N

1019000000 50

WNT 70 N

9512210000 10

WEW 35 / 2

1061200000 50

DEK 6

see "Accessories"

WS 8/5

1640740000 720

WS 8/5

1773360000 300

## WDL 2.5/S/L

32 A/4 mm<sup>2</sup>

6/84.5/48.7

8 mm/M 2.5/3.5 x 0.6

IEC 60 947-7-1

400 V/24 A/2.5 mm<sup>2</sup>

400 V/6 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.25...2.5

0.25...2.5

0.13...4 A 3

24

300 V/15 A/22...12 AWG

300 V/10 A/26...12 AWG

Cat. No. Qty.

1031300000 50

(N connection

coded blue)

Type Cat. No. Qty.

WAP WDL 2.5/S

1067700000 20

WHP WDL 2.5/S

1067980000 20

TSch 1

0319160000 100

Q 2

1071500000 50

Q 3

1071600000 50

Q 4

1071700000 50

Q 10

1071800000 20

Q 20

1074200000 20

SSch 10 x 3 Cu

0348900000 1 m

ZB 35 K

0502680000 50

WNT 10

1010980000 50

WNT 16 N

1019000000 50

WNT 70 N

9512210000 10

WEW 35 / 2

1061200000 50

DEK 6

see "Accessories"

WS 8/5

1640740000 720

WS 8/5

1773360000 300

WDL 2.5/S/  
N/L32 A/4 mm<sup>2</sup>

6/84.5/48.7

8 mm/M 2.5/3.5 x 0.6

IEC 60 947-7-1

400 V/24 A/2.5 mm<sup>2</sup>

400 V/6 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.25...2.5

0.25...2.5

0.13...4 A 3

24

300 V/15 A/22...12 AWG

300 V/10 A/26...12 AWG

Cat. No. Qty.

1030800000 50

(N connection

coded blue)

Type Cat. No. Qty.

WAP WDL 2.5/S

1067700000 20

WHP WDL 2.5/S

1067980000 20

TSch 1

0319160000 100

Q 2

1071500000 50

Q 3

1071600000 50

Q 4

1071700000 50

Q 10

1071800000 20

Q 20

1074200000 20

SSch 10 x 3 Cu

0348900000 1 m

ZB 35 K

0502680000 50

WNT 10

1010980000 50

WNT 16 N

1019000000 50

WNT 70 N

9512210000 10

WEW 35 / 2

1061200000 50

DEK 6

see "Accessories"

WS 8/5

1640740000 720

WS 8/5

1773360000 300

WDL 2.5/S/  
N/L/PE32 A/4 mm<sup>2</sup>

6/84.5/48.7

8 mm/M 2.5/3.5 x 0.6

IEC 60 947-7-1

250V/400V/24 A/2.5 mm<sup>2</sup>

250V/400 V/4 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.25...2.5

0.25...2.5

0.13...4 A 3

24

300 V/15 A/22...12 AWG

300 V/10 A/26...12 AWG

Cat. No. Qty.

1030700000 50

(N connection

coded blue)

Type Cat. No. Qty.

WAP WDL 2.5/S

1067700000 20

WHP WDL 2.5/S

1067980000 20

TSch 1

0319160000 100

Q 2

1071500000 50

Q 3

1071600000 50

Q 4

1071700000 50

Q 10

1071800000 20

Q 20

1074200000 20

SSch 10 x 3 Cu

0348900000 1 m

ZB 35 K

0502680000 50

WNT 10

1010980000 50

WNT 16 N

1019000000 50

WNT 70 N

9512210000 10

WEW 35 / 2

1061200000 50

DEK 6

see "Accessories"

WS 8/5

1640740000 720

WS 8/5

1773360000 300

WDL 2.5/S/  
L/L/PE32 A/4 mm<sup>2</sup>

6/84.5/48.7

8 mm/M 2.5/3.5 x 0.6

250V/400V/24 A/2.5 mm<sup>2</sup>

250V/400 V/4 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...4

## Distribution terminals with N cross-connection WQV

### Terminals/accessories

Installation specifications for heavy-current installations up to 1000 V (according to VDE 0100; IEC 364) require an insulation measurement test of the erected installation. Special regulations stipulate an insulation measurement of all outgoing conductors (L 1, L 2, L 3, N) without making any disconnections. These requirements are met by the three-way terminal WDL. Circuits can be connected on three levels across a width of only 6 mm in a clear and space-saving manner.

### WDL 2.5...


N cross-connection with the cross-connection system WQV 4 from the W-series. The supply power of the busbar is fed directly via a clamping yoke (4/6 mm<sup>2</sup> = A 4) into the terminal up to 32 A.

### WDL 2.5/L/L

Three-phase circuits can be realized by combining three-way terminals (L 1, NT, PE) with WDL 2.5/S/L/L two-way terminals (L 2, L 3).

Max. technical data

#### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5   
Insulation stripping length/clamping screw/screwdriver blade

#### Rated data

Rated voltage/current/cross-section  
Rated voltage/impulse voltage/pollution severity

#### Further technical data

Tightening torque range Nm  
Torque setting with DMS 2 electric screwdriver

#### Clampable conductors

Solid H07V-U mm<sup>2</sup>  
Stranded H07V-R mm<sup>2</sup>  
Flexible H07V-K mm<sup>2</sup>  
Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>  
Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>  
Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 60 947-7-1 Size  
Cont. current of cross-connect. Q multi-pole A  
Cont. current of cross-connect. WQV 4 multi-pole A

#### UL/CSA rated data

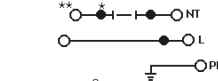
Voltage/current/conductor size UL  
Voltage/current/conductor size CSA

#### Ordering data

#### Version

for TS 35 / Dark beige Wemid

### WDL 2.5/NT/L/PE



32 A/4 mm<sup>2</sup>



6/90/48.7

8 mm/M 2.5/3<sup>2</sup>/3.5 x 0.6

#### VDE 0611 Part 4

250V/400V/24 A/2.5/4<sup>2</sup> mm<sup>2</sup>

250V/400 V/4 kV/3

0.5...0.6

1

0.5...4/6<sup>2</sup>

1.5...4/6<sup>2</sup>

0.5...4/6<sup>2</sup>

0.5...2.5<sup>2</sup>

0.5...2.5<sup>2</sup>


0.13...4 A 3/A 4<sup>2</sup>

24

29 (central feed 40A)

300 V/15 A/22...12 AWG

300 V/10 A/26...12 AWG

 Cat. No. Qty.

**1029800000** 50

(NT connection

coded blue)

Type Cat. No. Qty.

WAP WDL 2.5

**1067800000** 20

TSch 1 **0319160000** 100

Q 2 **1071500000** 50

Q 3 **1071600000** 50

Q 4 **1071700000** 50

Q 10 **1071800000** 20

Q 20 **1074200000** 20

WQV 4/2 **1051960000** 50

WQV 4/3 **1054560000** 50

WQV 4/4 **1054660000** 50

WQV 4/10 **1052060000** 20

WAW 1 **9004500000** 1

WEW 35 / 2 **1061200000** 50

DEK 6 see "Accessories"

WS 8/5 **1640740000** 720

WS 8/5 **1773360000** 300

### WDL 2.5/L/L



32 A/4 mm<sup>2</sup>



6/90/48.7

8 mm/M 2.5/3<sup>2</sup>/3.5 x 0.6

#### IEC 60 947-7-1

400 V/24 A/2.5/4<sup>2</sup> mm<sup>2</sup>

400 V/6 kV/3

0.5...0.6

1

0.5...4/6<sup>2</sup>

1.5...4/6<sup>2</sup>

0.5...4/6<sup>2</sup>

0.5...2.5<sup>2</sup>

0.5...2.5<sup>2</sup>

A 3/A 4<sup>2</sup>

24

31

300 V/15 A/22...12 AWG

300 V/10 A/26...12 AWG

 Cat. No. Qty.

**1030300000** 50

Type Cat. No. Qty.

WAP WDL 2.5

**1067800000** 20

TSch 1 **0319160000** 100

Q 2 **1071500000** 50

Q 3 **1071600000** 50

Q 4 **1071700000** 50

Q 10 **1071800000** 20

Q 20 **1074200000** 20

WQV 4/2 **1051960000** 50

WQV 4/3 **1054560000** 50

WQV 4/4 **1054660000** 50

WQV 4/10 **1052060000** 20

WAW 1 **9004500000** 1

WEW 35 / 2 **1061200000** 50

DEK 6 see "Accessories"

WS 8/5 **1640740000** 720

WS 8/5 **1773360000** 300

#### End plate



#### Small partition



#### Cross-connection (L, NT, N)



#### Cross-connection<sup>1)</sup> input (L, NT, N)



#### Notching tool for WQV



#### End bracket

#### Marking tags



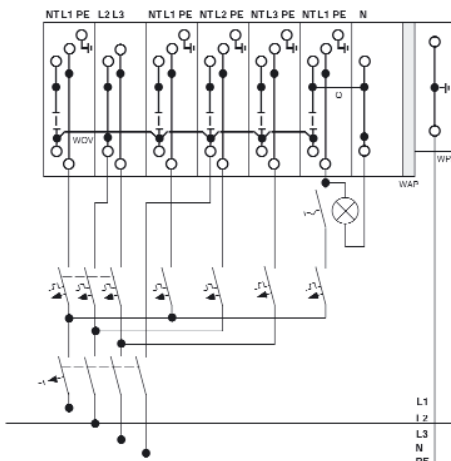
DEK Standard  
WS White neutral  
WS indiv. printed

#### Print

Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> Cross-connection WQV 4

<sup>2)</sup> Values refer to top left clamping unit (A4)



## Distribution terminals with N-Cross-connection WQV

### WDL 2.5/N



32 A/4 mm<sup>2</sup>

6/90/48.7

8 mm/M 2.5/3<sup>2</sup>/3.5 x 0.6

IEC 60 947-7-1

400 V/24 A/2.5/4<sup>2</sup> mm<sup>2</sup>

400 V/6 kV/3

0.5...0.6

1

0.5...4/6<sup>2</sup>

1.5...4/6<sup>2</sup>

0.5...4/6<sup>2</sup>

0.5...2.5<sup>2</sup>

0.5...2.5<sup>2</sup>

A 3/A 4<sup>2</sup>

24

32

300 V/15 A/22...12 AWG

300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
(N connection coded blue)	1030100000	50

Type	Cat. No.	Qty.
WAP WDL 2.5	1067800000	20

Type	Cat. No.	Qty.
TSch 1	0319160000	100

Type	Cat. No.	Qty.
Q 2	1071500000	50

Type	Cat. No.	Qty.
Q 3	1071600000	50

Type	Cat. No.	Qty.
Q 4	1071700000	50

Type	Cat. No.	Qty.
Q 10	1071800000	20

Type	Cat. No.	Qty.
Q 20	1074200000	20

Type	Cat. No.	Qty.
WQV 4/2	1051960000	50

Type	Cat. No.	Qty.
WQV 4/3	1054560000	50

Type	Cat. No.	Qty.
WQV 4/4	1054660000	50

Type	Cat. No.	Qty.
WQV 4/10	1052060000	20

Type	Cat. No.	Qty.
WAW 1	9004500000	1

Type	Cat. No.	Qty.
WEW 35 / 2	1061200000	50

Type	Cat. No.	Qty.
DEK 6	see "Accessories"	

Type	Cat. No.	Qty.
WS 8/5	1640740000	720

Type	Cat. No.	Qty.
WS 8/5	1773360000	300

### WDL 2.5/L



32 A/4 mm<sup>2</sup>

6/90/48.7

8 mm/M 2.5/3<sup>2</sup>/3.5 x 0.6

IEC 60 947-7-1

400 V/24 A/2.5/4<sup>2</sup> mm<sup>2</sup>

400 V/6 kV/3

0.5...0.6

1

0.5...4/6<sup>2</sup>

1.5...4/6<sup>2</sup>

0.5...4/6<sup>2</sup>

0.5...2.5<sup>2</sup>

0.5...2.5<sup>2</sup>

A 3/A 4<sup>2</sup>

24

32

300 V/15 A/22...12 AWG

300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
(N connection coded blue)	1030400000	50

Type	Cat. No.	Qty.
WAP WDL 2.5	1067800000	20

Type	Cat. No.	Qty.
TSch 1	0319160000	100

Type	Cat. No.	Qty.
Q 2	1071500000	50

Type	Cat. No.	Qty.
Q 3	1071600000	50

Type	Cat. No.	Qty.
Q 4	1071700000	50

Type	Cat. No.	Qty.
Q 10	1071800000	20

Type	Cat. No.	Qty.
Q 20	1074200000	20

Type	Cat. No.	Qty.
WQV 4/2	1051960000	50

Type	Cat. No.	Qty.
WQV 4/3	1054560000	50

Type	Cat. No.	Qty.
WQV 4/4	1054660000	50

Type	Cat. No.	Qty.
WQV 4/10	1052060000	20

Type	Cat. No.	Qty.
WAW 1	9004500000	1

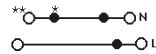
Type	Cat. No.	Qty.
WEW 35 / 2	1061200000	50

Type	Cat. No.	Qty.
DEK 6	see "Accessories"	

Type	Cat. No.	Qty.
WS 8/5	1640740000	720

Type	Cat. No.	Qty.
WS 8/5	1773360000	300

### WDL 2.5/N/L



32 A/4 mm<sup>2</sup>

6/90/48.7

8 mm/M 2.5/3<sup>2</sup>/3.5 x 0.6

IEC 60 947-7-1

400 V/24 A/2.5/4<sup>2</sup> mm<sup>2</sup>

400 V/6 kV/3

0.5...0.6

1

0.5...4/6<sup>2</sup>

1.5...4/6<sup>2</sup>

0.5...4/6<sup>2</sup>

0.5...2.5<sup>2</sup>

0.5...2.5<sup>2</sup>

A 3/A 4<sup>2</sup>

24

31

300 V/15 A/22...12 AWG

300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
(N connection coded blue)	1030000000	50

Type	Cat. No.	Qty.
WAP WDL 2.5	1067800000	20

Type	Cat. No.	Qty.
TSch 1	0319160000	100

Type	Cat. No.	Qty.
Q 2	1071500000	50

Type	Cat. No.	Qty.
Q 3	1071600000	50

Type	Cat. No.	Qty.
Q 4	1071700000	50

Type	Cat. No.	Qty.
Q 10	1071800000	20

Type	Cat. No.	Qty.
Q 20	1074200000	20

Type	Cat. No.	Qty.
WQV 4/2	1051960000	50

Type	Cat. No.	Qty.
WQV 4/3	1054560000	50

Type	Cat. No.	Qty.
WQV 4/4	1054660000	50

Type	Cat. No.	Qty.
WQV 4/10	1052060000	20

Type	Cat. No.	Qty.
WAW 1	9004500000	1

Type	Cat. No.	Qty.
WEW 35 / 2	1061200000	50

Type	Cat. No.	Qty.
DEK 6	see "Accessories"	

Type	Cat. No.	Qty.
WS 8/5	1640740000	720

Type	Cat. No.	Qty.
WS 8/5	1773360000	300

### WDL 2.5/N/L/PE



32 A/4 mm<sup>2</sup>

6/90/48.7

8 mm/M 2.5/3<sup>2</sup>/3.5 x 0.6

250V/400V/24 A/2.5/4<sup>2</sup> mm<sup>2</sup>

250V/400 V/4 kV/3

0.5...0.6

1

0.5...4/6<sup>2</sup>

1.5...4/6<sup>2</sup>

0.5...4/6<sup>2</sup>

0.5...2.5<sup>2</sup>

0.5...2.5<sup>2</sup>

A 3/A 4<sup>2</sup>

24

31 (central feed 40A)

300 V/15 A/22...12 AWG

300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
(N connection coded blue)	1029900000	50

Type	Cat. No.	Qty.
WAP WDL 2.5	1067800000	20

Type	Cat. No.	Qty.
TSch 1	0319160000	100

Type	Cat. No.	Qty.
Q 2	1071500000	50

Type	Cat. No.	Qty.
Q 3	1071600000	50

Type	Cat. No.	Qty.
Q 4	1071700000	50

Type	Cat. No.	Qty.
Q 10	1071800000	20

Type	Cat. No.	Qty.
Q 20	1074200000	20

Type	Cat. No.	Qty.
WQV 4/2	1051960000	50

Type	Cat. No.	Qty.
WQV 4/3	1054560000	50

Type	Cat. No.	Qty.
WQV 4/4	1054660000	50

Type	Cat. No.	Qty.
WQV 4/10	1052060000	20

Type	Cat. No.	Qty.
WAW 1	9004500000	1

Type	Cat. No.	Qty.
WEW 35 / 2	1061200000	50



## Terminals for temperature measuring circuits

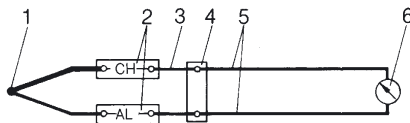
### WDU 2.5/TC



Weidmüller thermocouple terminals are specially designed to transmit very small voltages in temperature measuring circuits. Special busbars ensure that no false signals are transmitted in the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine performance test rigs, complicated chemical processes, controllers, etc.

- Busbar material corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Stacking width 10 mm

#### Configuration of a temperature measuring circuit



- 1 Thermocouple (sensor) 4 Reference junction  
2 Thermocouple terminals 5 Supply conductors (to and from)  
3 Compensating conductor 6 Measuring instrument

The thermocouple terminals shown in this measuring circuit thermoelectrically transmit thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor. Thermocouple terminals are required for constructing a temperature circuit.

#### Technical data

Thermocouples acc. to IEC 584 (DIN 43 710)

Busbar	
	Cromel Alumel
	E-Copper Constantan
	Iron Konstantan
	E-Copper/ A-Copper
	S-Copper/ E-Copper
	Cromel- Constantan

#### Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5  
Insulation stripping length/clamping screw/screwdriver blade

#### Rated data

Rated voltage/current/cross-section  
Rated impulse voltage acc. to VDE 0110/1.89/pollution severity

#### Further technical data

Tightening torque range Nm  
Torque setting with DMS 2 electric screwdriver

#### Clampable conductors

Solid H07V-U mm<sup>2</sup>  
Stranded H07V-R mm<sup>2</sup>  
Flexible H07V-K mm<sup>2</sup>  
Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>  
Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>  
Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to IEC 60 947-7-1 Size  
Cont. current of cross-connect. 2-pole A  
Cont. current of cross-connect. multi-pole A

#### UL/CSA rated data

Voltage/current/conductor size UL  
Voltage/current/conductor size CSA

#### Ordering data

For thermocouples Type K NiCr – Ni  
acc. to IEC 584 Type T Cu – CuNi  
(DIN 43710) Type J Fe – CuNi  
Type S u. R PT 10% – Pt Rh/PT 13% – Pt Rh  
Type B Pt 30% Rh – Pt 6% Rh  
Type E NiCr – CuNi  
Type N NiSi – Nicrosil

#### End plate

WAP (thickness 1.5 mm) Dark beige Wemid

#### Partition

WTW (thickness 1.5 mm) Dark beige Wemid

10/60/50.5

10 mm/M 2.5/3.5 x 0.6

–/–/2.5 mm<sup>2</sup>

0.4...0.6

1

0.5...2.5

1.5...2.5

0.5...2.5

0.5...2.5

0.5...2.5

0.13...4

A 2

	Cat. No.	Qty.
	<b>1024100000</b>	50
	<b>1024200000</b>	50
	<b>1024300000</b>	50
	<b>1024400000</b>	50
	<b>1033700000</b>	50
	<b>1033300000</b>	50
	<b>1041500000</b>	50

Type	Cat. No.	Qty.
WAP 2.5-10	<b>1050000000</b>	50

WTW 2.5-10	<b>1050100000</b>	20
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#### Marking tags

DEK Standard  
WS white neutral  
WS indiv. printed

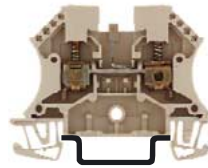
#### Print

DEK 5	see "Accessories"
WS 12/5	<b>1609860000</b> 720
WS 12/5	<b>1773380000</b> 300

Mounting rails, end brackets, further marking materials see "Accessories"

# Feed-through terminals with WSA plug adapter

## WDU 4 SA



Dimensions/approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 3/3.5 x 0.6
Rated data	
Rated voltage/current/cross-section	400 V/34 A/4 mm <sup>2</sup>
Rated impulse voltage acc. to VDE 0110/1.89/pollution severity	6 kV/3
Further technical data	
Tightening torque range	Nm 0.5...1.0
Torque setting with DMS 2 electric screwdriver	2
Clampable conductors	
Solid H07V-U	mm <sup>2</sup> 0.5...6
Stranded H07V-R	mm <sup>2</sup> 1.5...6
Flexible H07V-K	mm <sup>2</sup> 0.5...4
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup> 0.5...4
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup> 0.5...4
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to IEC 60 947-7-1 Size	0.13...6 A 4
Cont. current of cross-connect. 2-pole	A
Cont. current of cross-connect. multi-pole	A
UL/CSA rated data	
Voltage/current/conductor size	UL 300 V/25 A/22...12 AWG
Voltage/current/conductor size	CSA 300 V/-/22...12 AWG
Ordering data	
	Dark beige Wemid
	Blue Wemid

End plate	Type	Cat. No.	Qty.
WAP (thickness 1.5 mm)	WAP 2.5-10	1050000000	50
	WAP 2.5-10	1050080000	50

Partition	Type	Cat. No.	Qty.
WTW (thickness 1.5 mm)	WTW 2.5-10	1050100000	20
	WTW 2.5-10	1050180000	20

Cross-connection	Type	Cat. No.	Qty.
Screening bar LS 2.8	LS 2.8	1056400000	50

Plug adapter WSA 2	Type	Cat. No.	Qty.
380 V~/10 A/1.5 mm <sup>2</sup> Version with Crimp connections	WSA 2 <sup>1)</sup>	0502360000 <sup>3)</sup>	20
	WSA 2 <sup>2)</sup>	0529760000 <sup>3)</sup>	20
Version with screw connection TOPP system	WSA 2 TOP <sup>1)</sup>	1333960000 <sup>3)</sup>	20
	WSA 2 TOP <sup>2)</sup>	1333860000 <sup>3)</sup>	20
	WSA 2 TOP <sup>2)</sup>	1334050000 <sup>3)</sup>	20
	WSA 2 TOP <sup>2)</sup>	1333760000 <sup>4)</sup>	20

Covers	Type	Cat. No.	Qty.
	AH 2/3	0531660000	20
	AH 2/4	0405360000	20
	AH 2/5	0405560000	20

Crimp contact 0.5-1.5 mm <sup>2</sup>	Type	Cat. No.	Qty.
	AH 2/12	0406160000	20
	C 1 E/L <sup>5)</sup>	0198500000	200

Marking tags	Print	Type	Cat. No.	Qty.
DEK	Standard	DEK 6	see "Accessories"	
WS	neutral	WS 12/6	1609900000	600
WS	indiv. printed	WS 12/6	1609910000	120

Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> With hook <sup>3)</sup> With dovetail <sup>5)</sup> Crimping tool, type CZ 22E 0560400000  
<sup>2)</sup> without Rasthaken <sup>4)</sup> Without dovetail

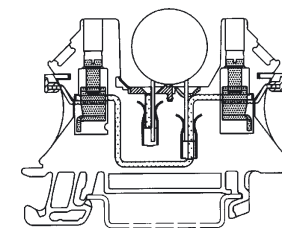
## Feed-through terminals

for retrofitting electronic components

Dimensions/approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 3/3.5 x 0.6
Rated data IEC 60 947-7-1	
Rated voltage/current/cross-section	250 V/32 A/4 mm <sup>2</sup>
Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity	4 kV/3
Further technical data	
Tightening torque range	Nm 0.5...1.0
Torque setting with DMS 2 electric screwdriver	2
Clampable conductors	
Solid H07V-U	mm <sup>2</sup> 0.5...4
Stranded H07V-R	mm <sup>2</sup> 1.5...4
Flexible H07V-K	mm <sup>2</sup> 0.5...4
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup> 0.5...4
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup> 0.5...4
Max. clamping range in mm <sup>2</sup> / Gauge pin acc. to 60 947-1 Size	0.13...4 A 3
Wire diameter of electronic components	mm 0.8...1.0 mm
UL/CSA rated data	
Voltage/current/conductor size	UL 300 V/10 A/26...12 AWG
	CSA 300 V/10 A/26...12 AWG
Ordering data	
	Dark beige Wemid

Barrier	Type	Cat. No.	Qty.
Thickness 2.5 mm	ZR	1071100000	20

Busbar	Type	Cat. No.	Qty.
	SSch 7.3x1.2	1071200000	1 m



WPO 4 with filled varistor  
 Weidmüller varistor terminals have been designed for retrofitting electronic components, such as varistors, diodes, gas discharge tubes, etc.  
 These electronic terminals no longer have to be configured prior installation to subsequently be delivered with soldered components which can no longer be distinguished.  
 The significant advantages of this design are:

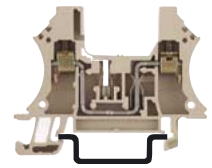
- **Cost saving**  
Components can be changed quickly on site.  
Service is limited to visual inspection
- **Clarity:**  
Components are easy to distinguish.
- **Flexibility:**  
Components can immediately be adapted to changed conditions.

**Note:**  
 Never change electronic components in energized systems

Marking tags	Print	Type	Cat. No.	Qty.
DEK	Standard	DEK 6	see "Accessories"	
WS	neutral	WS 12/6	1609900000	600
WS	indiv. printed	WS 12/6	1609910000	120

When using the screening bar rated data is reduced data!

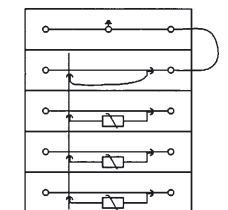
## WPO 4



Dimensions/approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	9 mm/M 3/3.5 x 0.6
Rated data	
Rated voltage/current/cross-section	250 V/32 A/4 mm <sup>2</sup>
Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity	4 kV/3
Further technical data	
Tightening torque range	Nm 0.5...1.0
Torque setting with DMS 2 electric screwdriver	2
Clampable conductors	
Solid H07V-U	mm <sup>2</sup> 0.5...4
Stranded H07V-R	mm <sup>2</sup> 1.5...4
Flexible H07V-K	mm <sup>2</sup> 0.5...4
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup> 0.5...4
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup> 0.5...4
Max. clamping range in mm <sup>2</sup> / Gauge pin acc. to 60 947-1 Size	0.13...4 A 3
Wire diameter of electronic components	mm 0.8...1.0 mm
UL/CSA rated data	
Voltage/current/conductor size	UL 300 V/10 A/26...12 AWG
	CSA 300 V/10 A/26...12 AWG
Ordering data	
	Dark beige Wemid

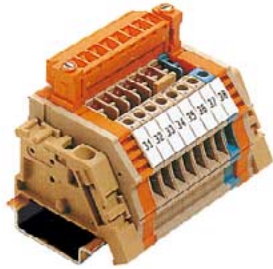
Barrier	Type	Cat. No.	Qty.
Thickness 2.5 mm	ZR	1071100000	20

Busbar	Type	Cat. No.	Qty.
	SSch 7.3x1.2	1071200000	1 m



Overvoltage in a three-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

## Terminals with plug-in connection for BLA/BLZ connectors



### WDU 1.5/BLA



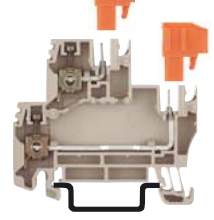
### WDU 1.5/LD/BLA with red LED



### WDU 1.5/R/BLA negative return conductor in blue



### WDK 2.5/BLA R 5.08 250 V



#### Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

#### Rated data

Rated voltage/current/cross-section

Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity

#### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

#### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to IEC 60 947-7-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. multi-pole A

#### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

#### Ordering data

##### Type

Standard

Blue

With red LED

With red LED

With red LED

With red LED

Fixed-pole blocks on request

#### End plate/fixing bracket<sup>4)</sup>



WAP (thickness 2.5 mm)

WBB orange (thickness 5 mm)

#### Cross-connection



WQV

Notching tool for WQV

#### Negative conductor busbar

0.5 x 4 x 120 mm

#### Cover for unassigned pins



#### Coding element

#### Socket strips

##### No. poles



BLA 2...24 B 4

BLZ 2...24 B 6

With lateral dovetail 8

guide 4

6

8

#### Marking tags



DEK



WS

DEK Standard

WS white neutral

WS indiv. printed

Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> Ferrules with optimum diameter with 5 mm pitch/pitch 5 mm: Cat. No. 1333100000

<sup>2)</sup> 20 °C ambient temperature

<sup>3)</sup> With BLA

<sup>4)</sup> Set for screwing the connector to the terminal strip

5.08/45.4/57.5<sup>3)</sup>/45.0/55.5<sup>3)</sup>

10 mm/M 2.5/3.5 x 0.6

250 V/10 (2x8) A/1.5 mm<sup>2</sup>

4 kV/3

0.4...0.6

1

0.5...4/2.5

1.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5<sup>1)</sup>/1.5

0.13...4 A 3/A 1

32

32

300 V/20 (2x10) A/26...16 AWG

300 V/10 A/26...12 AWG

Cat. No. Qty.  
Standard 1577260000 100

Blue

With red LED

With red LED

With red LED

With red LED

Type Cat. No. Qty.

With pin 1577320000 50

Without pin 1577330000 50

With pin 1068260000 10

Without pin 1068160000 10

WQV 2.5/2 1053660000 50

WQV 2.5/3 1053760000 50

WQV 2.5/4 1053860000 50

WQV 2.5/10 1054460000 20

WAW 1 9004500000 1

ML-SSch 1063200000 3

WAD 5/2 1577400000 20

SLA-KO 1323560000 100

SLA-KO 1323560000 100

SLA-KO 1323560000 100

SLA-KO 1323560000 100

BLA 4 1281960000 100

BLA 6 1282160000 50

BLA 8 1282360000 50

BLA 4 B 1356260000 100

BLA 6 B 1356460000 50

BLA 8 B 1356660000 50

5.08/45.4/57.5<sup>3)</sup>/45.0/55.5<sup>3)</sup>

10 mm/M 2.5/3.5 x 0.6

– V/10 (2x8) A/1.5 mm<sup>2</sup>

0.4...0.6

1

0.5...4/2.5

1.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5<sup>1)</sup>/1.5

0.13...4 A 3/A 1

32

32

300 V/20 (2x10) A/26...16 AWG

12...110 V/10 A/26...12 AWG

Cat. No. Qty.  
12 V– 1577270000 100

24 V– 1577280000 100

12 V– 1577270000 100

24 V– 1577280000 100

Type Cat. No. Qty.

With pin 1577320000 50

Without pin 1577330000 50

With pin 1068260000 10

Without pin 1068160000 10

WQV 2.5/2 1053660000 50

WQV 2.5/3 1053760000 50

WQV 2.5/4 1053860000 50

WQV 2.5/10 1054460000 20

WAW 1 9004500000 1

ML-SSch 1063200000 3

WAD 5/2 1577400000 20

SLA-KO 1323560000 100

SLA-KO 1323560000 100

SLA-KO 1323560000 100

SLA-KO 1323560000 100

BLA 4 1281960000 100

BLA 6 1282160000 50

BLA 8 1282360000 50

BLA 4 B 1356260000 100

BLA 6 B 1356460000 50

BLA 8 B 1356660000 50

DEK 5 see "Accessories"

WS 12/5 1609860000 720

WS 12/5 1773380000 300

WS 12/5 1773380000 300

<sup>3)</sup> With BLA

<sup>4)</sup> Set for screwing the connector to the terminal strip

5.08/45.4/57.5<sup>3)</sup>/45.0/55.5<sup>3)</sup>

10 mm/M 2.5/3.5 x 0.6

– V/– A/1.5 mm<sup>2</sup>

0.4...0.6

1

0.5...4/2.5

1.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5<sup>1)</sup>/1.5

0.13...4 A 3/A 1

32

32

300 V/20 (2x10) A/26...16 AWG

–/–/26...12 AWG

Cat. No. Qty.  
1577310000 100

1577310000 100

1577310000 100

1577310000 100

Type Cat. No. Qty.

With pin 1577320000 50

Without pin 1577330000 50

With pin 1068260000 10

Without pin 1068160000 10

WQV 2.5/2 1053660000 50

WQV 2.5/3 1053760000 50

WQV 2.5/4 1053860000 50

WQV 2.5/10 1054460000 20

WAW 1 9004500000 1

ML-SSch 1063200000 3

WAD 5/2 1577400000 20

SLA-KO 1323560000 100

SLA-KO 1323560000 100

SLA-KO 1323560000 100

SLA-KO 1323560000 100

BLA 4 1281960000 100

BLA 6 1282160000 50

BLA 8 1282360000 50

BLA 4 B 1356260000 100

BLA 6 B 1356460000 50

BLA 8 B 1356660000 50

DEK 5 see "Accessories"

WS 12/5 1609860000 720

WS 12/5 1773380000 300

WS 12/5 1773380000 300

<sup>3)</sup> With BLA

<sup>4)</sup> Set for screwing the connector to the terminal strip

5.08/58/53/63.5<sup>3)</sup>

10 mm/M 2.5/3.5 x 0.6

250 V/17.5<sup>2)</sup> A/2.5 mm<sup>2</sup>

4 kV/3

0.4...0.6

1

0.5...4/2.5

1.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5<sup>1)</sup>/1.5

0.13...4 A 3/A 1

–

–

300 V/20 (2x10) A/26...16 AWG

–/–/26...12 AWG

Cat. No. Qty.  
1038100000 100

1038100000 100

1038100000 100

1038100000 100

Type Cat. No. Qty.

With pin 1070100000 20

Without pin 1070000000 20

With pin 1072760000 10

Without pin 1072660000 10

Cross-connection comb insul.

WQB A/2 1578950000 50

WQB A/3 1578960000 50

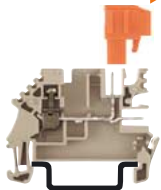
WQB A/4 1578970000 50

WQB A/10 1578990000 20

WAW 1 9

## Terminals with plug-in connection for BLA/BLZ connectors

### WDU 1.5/BLZ 5.08



5.08/45.4/57.5<sup>3)</sup>/45.0/55.5  
10 mm/M 2.5/3.5 x 0.6

250 V/10 (2x8) A/1.5 mm<sup>2</sup>  
4 kV/3

0.4...0.6

1

0.5...4/4

1.5...2.5/2.5

0.5...2.5/2.5

0.5...2.5/2.5

0.5...2.5/2.5<sup>1)</sup>

0.13...4 A 3/A 3

32

32

300 V/20 (2 x 10) A/26...16 AWG

300 V/10 A/26...12 AWG

for WQV Qty. for ZQV Qty.

1577340000 100 1784460000 100

1596900000 100 1784470000 100

Type Cat. No. Qty.

With pin 1577320000 50

Without pin 1577330000 50

With pin 1068260000 10

Without pin 1068160000 10

for WQV Qty. for ZQV Qty.

1053660000 50 1693800000 60

1053760000 50 1693810000 60

1053860000 50 1693820000 60

1054460000 20 1693830000 20

WAW 1 9004500000 1

WAD 5/2 1577400000 20

BLZ-KO 1545710000 100

BLZ 4 1526660000 100

BLZ 6 1526860000 50

BLZ 8 1527060000 50

BLZ 4 B 1528960000 100

BLZ 6 B 1529160000 50

BLZ 8 B 1529360000 50

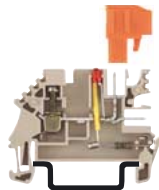
DEK 5 see "Accessories"

WS 12/5 1609860000 720

WS 12/5 1773380000 300

### WDU 1.5/BLZ/ LD/5.08

With red LED



5.08/45.4/57.5<sup>3)</sup>/45.0/55.5<sup>3)</sup>  
10 mm/M 2.5/3.5 x 0.6

– V/10 (2x8) A/1.5 mm<sup>2</sup>

0.4...0.6

1

0.5...4/4

1.5...2.5/2.5

0.5...2.5/2.5

0.5...2.5/2.5

0.5...2.5/2.5<sup>1)</sup>

0.13...4 A 3/A 3

32

32

300 V/20 (2 x 10) A/26...16 AWG

12...110 V/10 A/26...12 AWG

– Cat. No. Qty.

12 V– 1577350000 100

24 V– 1577360000 100

48 V– 1577370000 100

Type Cat. No. Qty.

With pin 1577320000 50

Without pin 1577330000 50

With pin 1068260000 10

Without pin 1068160000 10

WQV 2.5/2 1053660000 50

WQV 2.5/3 1053760000 50

WQV 2.5/4 1053860000 50

WQV 2.5/10 1054460000 20

WAW 1 9004500000 1

ML-SSch 1063200000 3

WAD 5/2 1577400000 20

BLZ-KO 1545710000 100

BLZ 4 1526660000 100

BLZ 6 1526860000 50

BLZ 8 1527060000 50

BLZ 4 B 1528960000 100

BLZ 6 B 1529160000 50

BLZ 8 B 1529360000 50

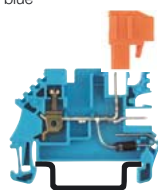
DEK 5 see "Accessories"

WS 12/5 1609860000 720

WS 12/5 1773380000 300

### WDU 1.5/BLZ/ R 5.08

Negative return conductor in blue



5.08/45.4/57.5<sup>3)</sup>/45.0/55.5<sup>3)</sup>  
10 mm/M 2.5/3.5 x 0.6

– V/– A/1.5 mm<sup>2</sup>

0.4...0.6

1

0.5...4/4

1.5...2.5/2.5

0.5...2.5/2.5

0.5...2.5/2.5

0.5...2.5/2.5<sup>1)</sup>

0.13...4 A 3/A 3

32

32

300 V/20 (2 x 10) A/26...16 AWG

–/–/26...12 AWG

– Cat. No. Qty.

1577390000 100

Type Cat. No. Qty.

With pin 1577320000 50

Without pin 1577330000 50

With pin 1068260000 10

Without pin 1068160000 10

WQV 2.5/2 1053660000 50

WQV 2.5/3 1053760000 50

WQV 2.5/4 1053860000 50

WQV 2.5/10 1054460000 20

WAW 1 9004500000 1

ML-SSch 1063200000 3

WAD 5/2 1577400000 20

BLZ-KO 1545710000 100

BLZ 4 1526660000 100

BLZ 6 1526860000 50

BLZ 8 1527060000 50

BLZ 4 B 1528960000 100

BLZ 6 B 1529160000 50

BLZ 8 B 1529360000 50

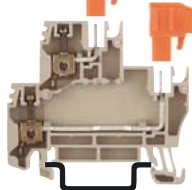
DEK 5 see "Accessories"

WS 12/5 1609860000 720

WS 12/5 1773380000 300

### WDK 2.5/BLZ R 5.08

250 V



5.08/58/53/63.5<sup>3)</sup>  
10 mm/M 2.5/3.5 x 0.6

250 V/18<sup>2)</sup> A/2.5 mm<sup>2</sup>

4 kV/3

0.4...0.6

1

0.5...4/4

1.5...2.5/2.5

0.5...2.5/2.5

0.5...2.5/2.5

0.5...2.5/2.5<sup>1)</sup>

0.13...4 A 3/A 3

–

–

300 V/10 A/26...12 AWG

Cat. No. Qty.

1034400000 100

Type Cat. No. Qty.

With pin 1070100000 20

Without pin 1070000000 20

With pin 1072760000 10

Without pin 1072660000 10

Cross-connection comb insul.

WQB A/2 1578950000 50

WQB A/3 1578960000 50

WQB A/4 1578970000 50

WQB A/10 1578990000 20

WAD 5/2 1577400000 20

BLZ-KO 1545710000 100

BLZ 4 1526660000 100

BLZ 6 1526860000 50

BLZ 8 1527060000 50

BLZ 4 B 1528960000 100

BLZ 6 B 1529160000 50

BLZ 8 B 1529360000 50

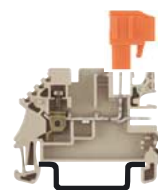
DEK 5 see "Accessories"

WS 12/5 1609860000 720

WS 12/5 1773380000 300

### WDU 2.5/BLZ R 7.62

400 V



7.62/45.4/57.5<sup>3)</sup>/45.0/55.5  
10 mm/M 2.5/3.5 x 0.6

400 V/24(2x12)<sup>2)</sup> (2x8) A/1.5 mm<sup>2</sup>

6 kV/3

0.4...0.6

1

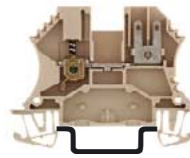
0.5...4/4

1.5...2.5/2.5

0.5...2.5/2.5

## Feed-through terminals

### WDU 2.5 F



### WDU 2.5 FF



### WDK 2.5 F



### WDK 2.5 FV



Max. technical data

#### Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

#### Rated data

Rated voltage/current/cross-section

Rated cross-section of clamping yoke

Rated cross-section of 2.8 mm push-on tab/solder connection

Rated impulse voltage acc. to VDE 0110/1.89/pollution severity

#### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

#### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to IEC 60 947-7-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. multi-pole A

#### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

#### Ordering data

#### Version

Dark beige Wemid

Dark beige Wemid

Dark beige Wemid

Dark beige Wemid

Blue Wemid

#### End plate/partition



Wemid

Blue Wemid

Wemid

WAP (thickness 3 mm)

WAP 2.5 (thickness 1.5 mm) WTW (thickness 1.5 mm) Wemid

#### Cross-connection



WQV

LS 2.8 Screening bar  
Notching tool for WQV

#### Test adapter

WTA

TA 1



Strain relief

#### Test plugs/sockets/insulating sleeves

PS 2.3

StB 8.5

Insulating sleeves



#### Cover



WAD with symbol

WAD white for self-labelling

#### Group marking

WT 4

T 5



WGB



Tag carrier for S 10 markers

#### Marking tags



Standard

WS white neutral

WS indiv. printed

DEK

WS 12/5

WS 12/5

12 A/-

UL KEMA LR

5/60/47

10 mm/M 2.5/3.5 x 0.6

500 V m. IH/12 (2x6) A

2.5 mm<sup>2</sup>

1 / - mm<sup>2</sup>

6 kV/3

0.4...0.8

1

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5<sup>1)</sup>

0.13...4

12

12

300 V/10 A/22...12 AWG

300 V/10 A/26...12 AWG

Type Cat. No. Qty.

1021800000 100

12 A/-

UL KEMA LR

5/60/47

10 mm/-

500 V m. IH/12 (2x6) A

1 / - mm<sup>2</sup>

6 kV/3

0.4...0.6

1

0.5...4/1

1.5...2.5

0.5...2.5

0.5...2.5

0.5...2.5<sup>1)</sup>

0.13...4

12

12

300 V/10 A/22...12 AWG

300 V/10 A/26...12 AWG

Type Cat. No. Qty.

1021900000 100

12 A/-

UL KEMA LR

5/69/63

10 mm/M 2.5/3.5 x 0.6

400 V m. IH/12 (2x6) A/2.5

2.5 mm<sup>2</sup>

1 / - mm<sup>2</sup>

6 kV/3

0.4...0.6

1

0.5...4/1

1.5...2.5

0.5...2.5

0.5...2.5

0.5...2.5<sup>1)</sup>

0.13...4

32

32

300 V/10 A/22...12 AWG

300 V/10 A/26...12 AWG

Type Cat. No. Qty.

1021600000 100

12 A/-

UL KEMA LR

5/69/63

10 mm/M 2.5/3.5 x 0.6

400 V m. IH/12 (2x6) A/2.5

2.5 mm<sup>2</sup>

1 / - mm<sup>2</sup>

6 kV/3

0.4...0.6

1

0.5...4/1

1.5...2.5

0.5...2.5

0.5...2.5

0.5...2.5<sup>1)</sup>

0.13...4

32

32

300 V/10 A/22...12 AWG

300 V/10 A/26...12 AWG

Type Cat. No. Qty.

1022400000 100

Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> Ferrules with optimum diameter for terminals with 5 mm pitch: Cat. No. 1333100000  
When using the screening bar rated data is reduced data!



## Feed-through terminals

### WDK 2.5 FF



12 A/-  
5/75/63

500 V m. IH/12 (2x6) A

1 / - mm<sup>2</sup>  
6 kV/3

0.5...1

32  
32

300 V/10 A/22...12 AWG  
300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
	1021700000	100

Type	Cat. No.	Qty.
WAP	1059100000	20
WAP	1059180000	20
WTW (Ex) e	1058800000	20

Type	Cat. No.	Qty.
WQV 2.5/2	1053660000	50
WQV 2.5/3	1053760000	50
WQV 2.5/4	1053860000	50
WQV 2.5/10	1054460000	20

Type	Cat. No.	Qty.
LS 2.8	1056400000	50
WAW 1	9004500000	1

Type	Cat. No.	Qty.
TA 1	0535860000	20

Type	Cat. No.	Qty.
IH 2.8	0386060000	100

Type	Cat. No.	Qty.
ADP 3	0485400000	20x1m
HP 3	0485760000	20

Type	Cat. No.	Qty.
WT 4	1341060000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

Type	Cat. No.	Qty.
DEK 5	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

### WDK 2.5 FFV



12 A/-  
5/75/63

500 V m. IH/12 (2x6) A

1 / - mm<sup>2</sup>  
6 kV/3

0.5...1

32  
32

300 V/10 A/22...12 AWG  
300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
	1022500000	100

Type	Cat. No.	Qty.
WAP	1059100000	20
WTW (Ex) e	1058800000	20

Type	Cat. No.	Qty.
WQV 2.5/2	1053660000	50
WQV 2.5/3	1053760000	50
WQV 2.5/4	1053860000	50
WQV 2.5/10	1054460000	20

Type	Cat. No.	Qty.
LS 2.8	1056400000	50
WAW 1	9004500000	1

Type	Cat. No.	Qty.
TA 1	0535860000	20

Type	Cat. No.	Qty.
IH 2.8	0386060000	100

Type	Cat. No.	Qty.
ADP 3	0485400000	20x1m
HP 3	0485760000	20

Type	Cat. No.	Qty.
WT 4	1341060000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

Type	Cat. No.	Qty.
DEK 5	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

### WDK 2.5 T WDK 2.5 TT



10 A/-  
5/69/63/78

10 mm/M 2.5/3.5 x 0.6

125 V/10 A  
2.5 mm<sup>2</sup>

2.5 kV/3  
0.4...0.6

1  
0.5...4

1.5...4  
0.5...2.5

0.5...2.5  
0.5...2.5<sup>1)</sup>

0.13...4 A 3  
32

Type	Cat. No.	Qty.
ri, pin 0.8x16se	1023800000	100
ri, pin 0.8x2.4 se	1023900000	100
ri, + le 0.8x2.4 se	1577200000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1059100000	50
WAP 2.5-10	1059180000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

Type	Cat. No.	Qty.
WQV 2.5/2	1053660000	50
WQV 2.5/3	1053760000	50
WQV 2.5/4	1053860000	50
WQV 2.5/10	1054460000	50

Type	Cat. No.	Qty.
LS 2.8	1056400000	50
WAW 1	9004500000	1

Type	Cat. No.	Qty.
TA 1	0535860000	20
WTA 5/1	1051260000	25

Type	Cat. No.	Qty.
PS 2.3(ø 2.3)	0180400000	20
StB 8.5(ø 2.3)	0215700000	50

Type	Cat. No.	Qty.
ADP 3	0485400000	20x1m
HP 3	0485760000	20

Type	Cat. No.	Qty.
WT 4	1341060000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

Type	Cat. No.	Qty.
DEK 5	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

### WDU 2.5 T



10 A/-  
5/60/47/70

10 mm/M 2.5/3.5 x 0.6

125 V/10 A/2.5 mm<sup>2</sup>  
2.5 mm<sup>2</sup>

2.5 kV/3  
0.4...0.8

1  
0.5...4

1.5...4  
0.5...4

0.5...2.5  
0.5...2.5<sup>1)</sup>

0.13...4 A 3  
32

Type	Cat. No.	Qty.
le., pin 1x1	1022000000	100
re., pin 1x1	1022700000	100
le, pin 0.8x2.4 se	1021200000	100
le, pin 0.8x2.4 wa	1036900000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50

Type	Cat. No.	Qty.
WQV 2.5/2	1053660000	50
WQV 2.5/3	1053760000	50
WQV 2.5/4	1053860000	50
WQV 2.5/10	1054460000	50

Type	Cat. No.	Qty.
LS 2.8	1056400000	50
WAW 1	9004500000	1

Type	Cat. No.	Qty.
WTA 5/1	1051260000	25

Type	Cat. No.	Qty.
PS 2.3(ø 2.3)	0180400000	20
StB 8.5(ø 2.3)	0215700000	50

Type	Cat. No.	Qty.
ADP 3	0485400000	20x1m
HP 3	0485760000	20

Type	Cat. No.	Qty.
WT 4	1341060000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

Type	Cat. No.	Qty.
DEK 5	see "Accessories"	
WS 12/5	1609860000	720
WS 12/5	1773380000	300

### WDU 2.5 L WDU 2.5 LL



15 A/-  
5/60/64/47

10 mm/M 2.5/3.5 x 0.6

400 V/15 A/2.5  
2.5 mm<sup>2</sup>

- / 1.5 mm<sup>2</sup>  
6 kV/3

0.4...0.8  
1

0.5...4/1.5  
0.5/1.5...4/1.5

0.5...4/1.5  
0.5...2.5

0.5...2.5<sup>1)</sup>  
0.13...4 A 3

Type	Cat. No.	Qty.
Screw-solder	1022100000	100
Solder-solder	1022200000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

Type	Cat. No.	Qty.
WQV 2.5/2	1053660000	50
WQV 2.5/3	1053760000	50
WQV 2.5/4	1053860000	50
WQV 2.5/10	1054460000	50

Type	Cat. No.	Qty.
LS 2.8	1056400000	50
WAW 1	9004500000	1

Type	Cat. No.	Qty.
WTA 2	1632320000	50
WTA 2/ZA	1632330000	50
WTA 2/10	1632340000	5
ZE 1	1632150000	50

Type	Cat. No.	Qty.
PS 2.3(ø 2.3)	0180400000	20
StB 8.5(ø 2.3)	0215700000	50

Type	Cat. No.	Qty.
WAD 5	1053460000	50
WAD 5 white	1056060000	50

Type	Cat. No.	Qty.
WGB 5	1050760000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

Type	Cat. No.	Qty.
DEK 5	see "Accessories"	
WS 12/5	1609860000	720
WS 12/5	1773380000	300

### WTR 2.5 L WTR 2.5 LL



10 A/-  
5/60/64/47

10 mm/M 2.5/3.5 x 0.6

400 V/14 A  
2.5 mm<sup>2</sup>

- / 1.5 mm<sup>2</sup>  
6 kV/3

0.4...0.8  
1

0.5...4/1.5  
1.5...4/1.5

0.5...4/1.5  
0.5...2.5

0.5...2.5<sup>1)</sup>  
0.13...4 A 3

Type	Cat. No.	Qty.
Screw-solder	1013800000	100
Solder-solder	1013900000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

Type	Cat. No.	Qty.
QL 2	0215860000	100
QL 3	0215900000	100
QL 4	0216	

## Feed-through terminals



### Dimensions/approvals

Width/length/height (mm) with TS 15 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

### VDE rated data 0611 Part 1 / IEC 60 947-7-1

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

### Further technical data

Tightening torque range Nm

### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible with ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible with ferrule with plastic insul. collar mm<sup>2</sup>

Gauge pin acc. to IEC 60 947-7-1 Size

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data

#### Version

Dark beige Wemid

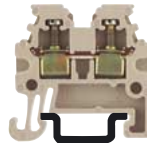
Blue Wemid

Green-yellow Wemid

### End plates/partitions

WAP (thickness 1.5 mm) Dark beige Wemid

## WDU 1.5/R 3.5



3.5/24.5/25

7 (-1) mm/M 2/0.4 x 2.5

400 V/17.5 A/1.5 mm<sup>2</sup>

4 kV/3

0.3...0.4

0.5...1.5

1.5

0.5...1.5

0.5...1.5

0.5

A 1

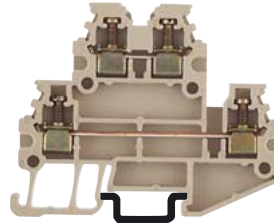
300 V/10 A/26...14 AWG

300 V/10 A/26...14 AWG

TS15	Cat. No.	Qty.
WDU 1.5/R 3.5	<b>1753280000</b>	100
WDU 1.5/R 3.5 BL	<b>1754170000</b>	100

Type	Cat. No.	Qty.
WAP WDU 1.5/R3.5	<b>1754190000</b>	20

## WDK 1.5/R 3.5



3.5/46.5/38.5

7 (-1) mm/M 2/0.4 x 2.5

400 V/16 A/1.5 mm<sup>2</sup>

4 kV/3

0.3...0.4

0.5...1.5

1.5

0.5...1.5

0.5...1.5

0.5

A 1

300 V/10 A/26...14 AWG

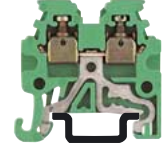
300 V/10 A/26...14 AWG

TS15	Cat. No.	Qty.
WDK 1.5/R 3.5	<b>1753290000</b>	100
WDK 1.5/R 3.5 BL	<b>1754180000</b>	100

Type	Cat. No.	Qty.
WAP WDK 1.5/R3.5	<b>1754200000</b>	20

## WPE 1.5/R 3.5

new



3.5/24.5/25

7 (-1) mm/M 2/0.4 x 2.5

- /- 1.5 mm<sup>2</sup>

4 kV/3

0.3...0.4

0.5...1.5

1.5

0.5...1.5

0.5...1.5

0.5

A 1

300 V/10 A/26...14 AWG

300 V/10 A/26...14 AWG

TS15	Cat. No.	Qty.
WPE 1.5/R 3.5	<b>1798400000</b>	100

Type	Cat. No.	Qty.
------	----------	------

### Cross-connections



ZQV

2-pole

3-pole

4-pole

5-pole

6-pole

7-pole

8-pole

9-pole

10-pole

30-pole

ZQV 1.5/R3.5/2 GE	<b>1754210000</b>	60
ZQV 1.5/R3.5/3 GE	<b>1754220000</b>	60
ZQV 1.5/R3.5/4 GE	<b>1754230000</b>	60
ZQV 1.5/R3.5/5 GE	<b>1754240000</b>	20
ZQV 1.5/R3.5/6 GE	<b>1754250000</b>	20
ZQV 1.5/R3.5/7 GE	<b>1754260000</b>	20
ZQV 1.5/R3.5/8 GE	<b>1754270000</b>	20
ZQV 1.5/R3.5/9 GE	<b>1754280000</b>	20
ZQV 1.5/R3.5/10 GE	<b>1754290000</b>	20
ZQV 1.5/R3.5/30 GE	<b>1754300000</b>	10

ZQV 1.5/R3.5/2 GE	<b>1754210000</b>	60
ZQV 1.5/R3.5/3 GE	<b>1754220000</b>	60
ZQV 1.5/R3.5/4 GE	<b>1754230000</b>	60
ZQV 1.5/R3.5/5 GE	<b>1754240000</b>	20
ZQV 1.5/R3.5/6 GE	<b>1754250000</b>	20
ZQV 1.5/R3.5/7 GE	<b>1754260000</b>	20
ZQV 1.5/R3.5/8 GE	<b>1754270000</b>	20
ZQV 1.5/R3.5/9 GE	<b>1754280000</b>	20
ZQV 1.5/R3.5/10 GE	<b>1754290000</b>	20
ZQV 1.5/R3.5/30 GE	<b>1754300000</b>	10

### Screwdriver



SDI 0.4 x 2.5 **9008370000** 1

SDI 0.4 x 2.5 **9008370000** 1

SDI 0.4 x 2.5 **9008370000** 1

### Marking tags

#### Print

Consecutive vertical

DEK 5/3.5 FS 1-10	<b>1762320001</b>	500
DEK 5/3.5 FS 11-20	<b>1762320011</b>	500
DEK 5/3.5 FS 21-30	<b>1762320021</b>	500
DEK 5/3.5 FS 31-40	<b>1762320031</b>	500
DEK 5/3.5 FS 41-50	<b>1762320041</b>	500
DEK 5/3.5 FS 51-60	<b>1762320051</b>	500
DEK 5/3.5 FS 61-70	<b>1762320061</b>	500
DEK 5/3.5 FS 71-80	<b>1762320071</b>	500
DEK 5/3.5 FS 81-90	<b>1762320081</b>	500
DEK 5/3.5 FS 91-100	<b>1762320091</b>	500

DEK 5/3.5 FS 1-10	<b>1762320001</b>	500
DEK 5/3.5 FS 11-20	<b>1762320011</b>	500
DEK 5/3.5 FS 21-30	<b>1762320021</b>	500
DEK 5/3.5 FS 31-40	<b>1762320031</b>	500
DEK 5/3.5 FS 41-50	<b>1762320041</b>	500
DEK 5/3.5 FS 51-60	<b>1762320051</b>	500
DEK 5/3.5 FS 61-70	<b>1762320061</b>	500
DEK 5/3.5 FS 71-80	<b>1762320071</b>	500
DEK 5/3.5 FS 81-90	<b>1762320081</b>	500
DEK 5/3.5 FS 91-100	<b>1762320091</b>	500

DEK 5/3.5 FS 1-10	<b>1762320001</b>	500
DEK 5/3.5 FS 11-20	<b>1762320011</b>	500
DEK 5/3.5 FS 21-30	<b>1762320021</b>	500
DEK 5/3.5 FS 31-40	<b>1762320031</b>	500
DEK 5/3.5 FS 41-50	<b>1762320041</b>	500
DEK 5/3.5 FS 51-60	<b>1762320051</b>	500
DEK 5/3.5 FS 61-70	<b>1762320061</b>	500
DEK 5/3.5 FS 71-80	<b>1762320071</b>	500
DEK 5/3.5 FS 81-90	<b>1762320081</b>	500
DEK 5/3.5 FS 91-100	<b>1762320091</b>	500

Consecutive horizontal

DEK 5/3.5 MC neutral	<b>1755270000</b>	500
DEK 5/3.5 MC GW 1	<b>1755280001</b>	500
DEK 5/3.5 MC GW 2	<b>1755280002</b>	500
DEK 5/3.5 MC GW 3	<b>1755280003</b>	500
DEK 5/3.5 MC GW 4	<b>1755280004</b>	500
DEK 5/3.5 MC GW 5	<b>1755280005</b>	500
DEK 5/3.5 MC GW 6	<b>1755280006</b>	500
DEK 5/3.5 MC GW 7	<b>1755280007</b>	500
DEK 5/3.5 MC GW 8	<b>1755280008</b>	500
DEK 5/3.5 MC GW 9	<b>1755280009</b>	500
DEK 5/3.5 MC GW 0	<b>1755281000</b>	500

DEK 5/3.5 MC neutral	<b>1755270000</b>	500
DEK 5/3.5 MC GW 1	<b>1755280001</b>	500
DEK 5/3.5 MC GW 2	<b>1755280002</b>	500
DEK 5/3.5 MC GW 3	<b>1755280003</b>	500
DEK 5/3.5 MC GW 4	<b>1755280004</b>	500
DEK 5/3.5 MC GW 5	<b>1755280005</b>	500
DEK 5/3.5 MC GW 6	<b>1755280006</b>	500
DEK 5/3.5 MC GW 7	<b>1755280007</b>	500
DEK 5/3.5 MC GW 8	<b>1755280008</b>	500
DEK 5/3.5 MC GW 9	<b>1755280009</b>	500
DEK 5/3.5 MC GW 0	<b>1755281000</b>	500

DEK 5/3.5 MC neutral	<b>1755270000</b>	500
DEK 5/3.5 MC GW 1	<b>1755280001</b>	500
DEK 5/3.5 MC GW 2	<b>1755280002</b>	500
DEK 5/3.5 MC GW 3	<b>1755280003</b>	500
DEK 5/3.5 MC GW 4	<b>1755280004</b>	500
DEK 5/3.5 MC GW 5	<b>1755280005</b>	500
DEK 5/3.5 MC GW 6	<b>1755280006</b>	500
DEK 5/3.5 MC GW 7	<b>1755280007</b>	500
DEK 5/3.5 MC GW 8	<b>1755280008</b>	500
DEK 5/3.5 MC GW 9	<b>1755280009</b>	500
DEK 5/3.5 MC GW 0	<b>1755281000</b>	500

Mounting rails, end brackets, further marking materials see "Accessories"

# Feed-through terminals with push-on tab

## AST 1



## AST 4




## AST 5



## SAK 4 S/35 SAK 4 SS/35



### Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5   
Insulation stripping length/clamping screw/screwdriver blade

### Rated data

Rated voltage/current/cross-section  
Rated cross-section of clamping yoke  
Rated cross-section of push-on tab 6.3/2.8 mm  
Rated impulse voltage acc. to VDE 0110/1.89/pollution severity

### Further technical data

Tightening torque range Nm  
Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>  
Stranded H07V-R mm<sup>2</sup>  
Flexible H07V-K mm<sup>2</sup>  
Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>  
Gauge pin acc. to 60 947-7-1 Size  
Cont. current of cross-connect. 2-pole A

### UL/CSA rated data

Voltage/current/conductor size UL  
Voltage/current/conductor size CSA

### Ordering data

### Version

Slotted dark beige Wemid  
Unslotted dark beige Wemid

6.5/58/46

500 V<sup>1)</sup>/ - /2.5

2.5 / 1 mm<sup>2</sup>

6 kV/3

Nm

6.5/40/40

9 mm/M 2.5/3.5 x 0.6

500 V<sup>1)</sup>/ - /2.5

2.5 mm<sup>2</sup>

2.5 / 1 mm<sup>2</sup>

6 kV/3

0.4...0.7

1

0.5...4

1.5...2.5

0.5...2.5

0.5...2.5

0.5...2.5

A 2

(QL 2...10) 36

Cat. No. Qty.

0699600000 50

0664800000 50

6.5/58/46

12 mm/M 3/3.5 x 0.6

500 V<sup>1)</sup>/ - /2.5

4 mm<sup>2</sup>

2.5 / 1 mm<sup>2</sup>

6 kV/3

0.5...1.0

2

0.5...6

1.5...2.5

0.5...4

0.5...4

0.5...4

A 4

(QL 2...10) 36

Cat. No. Qty.

0664900000 50

0699700000 50

6.5/40/49.5

12 mm/M 3/3.5 x 0.6

500 V<sup>1)</sup>/16 A/2.5

4 mm<sup>2</sup>

2.5 / 1 mm<sup>2</sup>

6 kV/3

0.5...1.0

2

0.5...6

1.5...2.5

0.5...4

0.5...4

0.5...4

A 4

(QL 2...10) 36

Cat. No. Qty.

SAK 4 S 0630300000 100

(Screw/push-on tab = S)

SAK 4 SS 0630400000 100

(Push-on tab/tab = SS)

### End plate/partition/small

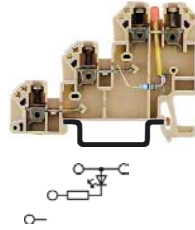
# Feed-through terminals for initiators and actuators

## DLI 2.5 DB



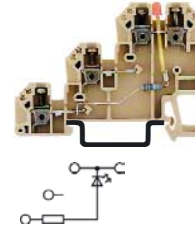
6/65/49
7 mm/M 2.5/3.5 x 0.6

## DLI 2.5 LD DB PNP



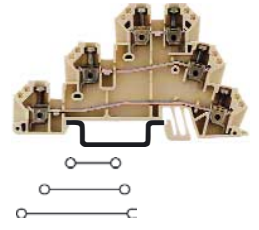
6/65/49
7 mm/M 2.5/3.5 x 0.6

## DLI 2.5 LD DB NPN



6/65/49
7 mm/M 2.5/3.5 x 0.6

## DLD 2.5 DB<sup>2)</sup>



6/82/49
7 mm/M 2.5/3.5 x 0.6

### Dimensions/approvals

Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	

### Rated data IEC 60 947-7-1

Rated voltage/current/cross-section	250 V/20 A/2.5 mm <sup>2</sup>
Rated impulse voltage/pollution severity	4 kV/3

### Further technical data

Tightening torque range	Nm 0.4...0.6
Torque setting with DMS 2 electric screwdriver	1

### Clampable conductors

Solid H07V-U	mm <sup>2</sup> 0.5...4
Stranded H07V-R	mm <sup>2</sup> 1.5...4
Flexible H07V-K	mm <sup>2</sup> 0.5...4
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup> 0.25...2.5
Gauge pin acc. to IEC 60 947-7-1	Size A 3
Continuous current of terminal for conductor size	20 A/2.5 mm <sup>2</sup>
Cont. current of cross-connect. 2...5-pole	A (Q 2...10) 20
Cont. current of cross-connect. 6...10-pole	A

### UL/CSA rated data

Voltage/current/conductor size	UL 300 V/10 A/26...12 AWG
Voltage/current/conductor size	CSA 300 V/10 A/26...12 AWG


### Ordering data

Standard Wemid	Cat. No.	Qty.
with diode 1N4007 Wemid	1783820000	100
With red LED (5...30 V) Wemid		
With green LED (5...30 V) Wemid		
with LED and diode 1N4007 Wemid		
with LED and diode 1N4007 Wemid		
Block of 10 <sup>1)</sup> Wemid	(w/o dekafix) 1783850000	10
Block of 10 <sup>1)</sup> Wemid	(w. dekafix) 1783830000	10
Fuse inserts Wemid		

### End plate/small partition

AP-DLI	AP-DLD	Part-AP	TSch 1
			(thickness 1.5 mm)
Type	Cat. No.	Qty.	
AP	1783550000	20	
TSch 1	0319160000	100	

### Test plug/socket

	StB 8.5	PS
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### Cross-connection

Q 3	Q 2	1312500000	50
Q 3	Q 3	1312600000	50
Q 4	Q 4	1312700000	50
Q 10	Q 10	1313100000	20
Q 20	Q 20	1399800000	20

### VQB

Snap fit, external cross-connection VQB 1.5.
--

For cross-connections for more than 20 terminals, replace VH with VH 4.2  
Cat. No. 1345800000  
without internal thread

### Group marking

WT 4	WT 4	1341060000	100
SF 10	SF 10	0332400000	1000
SG 10	SG 10	0332500000	1000

### Cover

HP 4	ADP	0485400000	20
	HP 4	0485860000	20

### Marking tags

1	2	3	4	5	6
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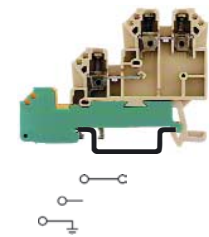
Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> DLI 2.5/35/10 = Block of 10 with built-in cross-connections

<sup>2)</sup> StB 8.5 only in upper busbar

## Feed-through terminals for initiators and actuators

### DLA 2.5 DB



6/65/49
7 mm/M 2.5/3.5 x 0.6
250 V <sup>1)</sup> /17.5 A/2.5 mm <sup>2</sup>
4 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
A 3
20 A/2.5 mm <sup>2</sup>
(Q 2...20) 20

300 V/10 A/26...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
<b>1783560000</b> 100
(no dekafix) <b>1783570000</b> 10
(w. dekafix) <b>1783580000</b> 10

Type	Cat. No.	Qty.
AP	<b>1783550000</b>	20
TSch 1	<b>0319160000</b>	100

StB8.5 <sup>2)</sup> (ø2.3) <b>0215700000</b> 50
PS 2.3 <b>0180400000</b> 20

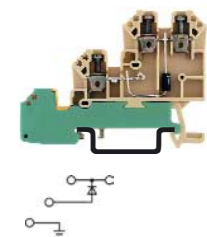
Q 2 <b>1312500000</b> 50
Q 3 <b>1312600000</b> 50
Q 4 <b>1312700000</b> 50
Q 10 <b>1313100000</b> 20
Q 20 <b>1399800000</b> 20

QL 2 <b>0297200000</b> 100
VH 4.2 <b>1345800000</b> 100
VQB1.5/50 BL <b>1633280000</b> 5
VQB1.5/50 RT <b>1633290000</b> 5
VQB1.5/50 SW <b>1635120000</b> 5

WT 4 <b>1341060000</b> 100
SF 10 <b>0332400000</b> 1000
SG 10 <b>0332500000</b> 1000
ADP <b>0485400000</b> 20
HP 4 <b>0485860000</b> 20

DEK 6	see "Accessories"
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### DLA 2.5/D DB



6/65/49
7 mm/M 2.5/3.5 x 0.6
250 V <sup>1)</sup> /17.5 A/2.5 mm <sup>2</sup>
4 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
A 3
20 A/2.5 mm <sup>2</sup>
(Q 2...20) 20

300 V/10 A/26...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
<b>1783590000</b> 100

Type	Cat. No.	Qty.
AP	<b>1783550000</b>	20
TSch 1	<b>0319160000</b>	100

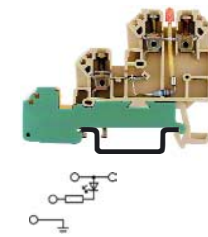
Q 2 <b>1312500000</b> 50
Q 3 <b>1312600000</b> 50
Q 4 <b>1312700000</b> 50
Q 10 <b>1313100000</b> 20
Q 20 <b>1399800000</b> 20

QL 2 <b>0297200000</b> 100
VH 4.2 <b>1345800000</b> 100
VQB1.5/50 BL <b>1633280000</b> 5
VQB1.5/50 RT <b>1633290000</b> 5
VQB1.5/50 SW <b>1635120000</b> 5

WT 4 <b>1341060000</b> 100
SF 10 <b>0332400000</b> 1000
SG 10 <b>0332500000</b> 1000
ADP <b>0485400000</b> 20
HP 4 <b>0485860000</b> 20

DEK 6	see "Accessories"
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### DLA 2.5/LD DB



6/65/49
7 mm/M 2.5/3.5 x 0.6
5-30 V/17.5 A/2.5 mm <sup>2</sup>
0.8 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
A 3
20 A/2.5 mm <sup>2</sup>
(Q 2...20) 20

300 V/10 A/26...12 AWG
5-30 V/10 A/26...12 AWG
Cat. No. Qty.
<b>1783600000</b> 100
<b>1783610000</b> 100

Type	Cat. No.	Qty.
AP	<b>1783550000</b>	20
TSch 1	<b>0319160000</b>	100

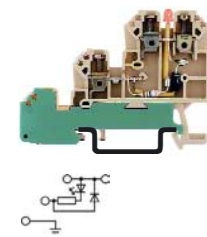
Q 2 <b>1312500000</b> 50
Q 3 <b>1312600000</b> 50
Q 4 <b>1312700000</b> 50
Q 10 <b>1313100000</b> 20
Q 20 <b>1399800000</b> 20

QL 2 <b>0297200000</b> 100
VH 4.2 <b>1345800000</b> 100
VQB1.5/50 BL <b>1633280000</b> 5
VQB1.5/50 RT <b>1633290000</b> 5
VQB1.5/50 SW <b>1635120000</b> 5

WT 4 <b>1341060000</b> 100
SF 10 <b>0332400000</b> 1000
SG 10 <b>0332500000</b> 1000
ADP <b>0485400000</b> 20
HP 4 <b>0485860000</b> 20

DEK 6	see "Accessories"
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### DLA 2.5/LD/D DB



6/65/49
7 mm/M 2.5/3.5 x 0.6
5-30 V/17.5 A/2.5 mm <sup>2</sup>
0.8 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
A 3
20 A/2.5 mm <sup>2</sup>
(Q 2...20) 20

300 V/10 A/26...12 AWG
5-30 V/10 A/26...12 AWG
Cat. No. Qty.
(red LED) <b>1783620000</b> 100
(green LED) <b>1783630000</b> 100

Type	Cat. No.	Qty.
AP	<b>1783550000</b>	20
TSch 1	<b>0319160000</b>	100

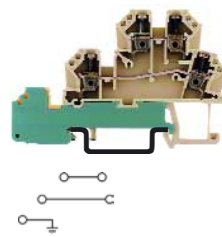
Q 2 <b>1312500000</b> 50
Q 3 <b>1312600000</b> 50
Q 4 <b>1312700000</b> 50
Q 10 <b>1313100000</b> 20
Q 20 <b>1399800000</b> 20

QL 2 <b>0297200000</b> 100
VH 4.2 <b>1345800000</b> 100
VQB1.5/50 BL <b>1633280000</b> 5
VQB1.5/50 RT <b>1633290000</b> 5
VQB1.5/50 SW <b>1635120000</b> 5

WT 4 <b>1341060000</b> 100
SF 10 <b>0332400000</b> 1000
SG 10 <b>0332500000</b> 1000
ADP <b>0485400000</b> 20
HP 4 <b>0485860000</b> 20

DEK 6	see "Accessories"
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### DLD 2.5/PE DB



6/74.5/49
7 mm/M 2.5/3.5 x 0.6
250 V <sup>1)</sup> /17.5 A/2.5 mm <sup>2</sup>
4 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
A 3
20 A/2.5 mm <sup>2</sup>
(Q 2...20) 20

300 V/10 A/26...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
<b>1783790000</b> 100

Type	Cat. No.	Qty.
AP	<b>1783800000</b>	20
AP (part-AP) <b>1783810000</b>		
TSch 1	<b>0319160000</b>	100

StB8.5 <sup>2)</sup> (ø2.3) <b>0215700000</b> 50
PS 2.3 <b>0180400000</b> 20

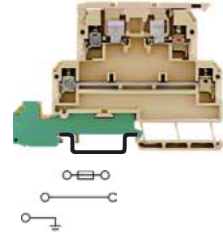
Q 2 <b>1312500000</b> 50
Q 3 <b>1312600000</b> 50
Q 4 <b>1312700000</b> 50
Q 10 <b>1313100000</b> 20
Q 20 <b>1399800000</b> 20

QL 2 <b>0297200000</b> 100
VH 4.2 <b>1345800000</b> 100
VQB1.5/50 BL <b>1633280000</b> 5
VQB1.5/50 RT <b>1633290000</b> 5
VQB1.5/50 SW <b>1635120000</b> 5

WT 4 <b>1341060000</b> 100
SF 10 <b>0332400000</b> 1000
SG 10 <b>0332500000</b> 1000
ADP <b>0485400000</b> 20
HP 4 <b>0485860000</b> 20

DEK 6	see "Accessories"
-------	-------------------

### KDKS1/PE



8/91/65
8 mm/M 3/M 2.5 <sup>3)</sup> /3.5 x 0.6
500 V/6.3 A/4 mm <sup>2</sup>
6 kV/3
0.5...1/0.4...0.7 <sup>3)</sup>
2/1 <sup>3)</sup>
0.5...4
1.5...4
0.5...4
0.25...2.5
A 4 / A 3 <sup>3)</sup>

-/-/22...12 AWG
Cat. No. Qty.
<b>9532450000</b> 50
cannot be combined with DLI / DLA

Type	Cat. No.	Qty.
AP	<b>9503330000</b>	50
AP Wemid <b>9532470000</b>		50

StB8.5 <sup>2)</sup> (ø2.3) <b>0215700000</b> 50
PS 2.3 <b>0180400000</b> 20

Q 2 <b>1312500000</b> 50
Q 3 <b>1312600000</b> 50
Q 4 <b>1312700000</b> 50
Q 10 <b>1313100000</b> 20
Q 20 <b>1399800000</b> 20

QL 2 <b>0297200000</b> 100
VH 4.2 <b>1345800000</b> 100
VQB1.5/50 BL <b>1633280000</b> 5
VQB1.5/50 RT <b>1633290000</b> 5
VQB1.5/50 SW <b>1635120000</b> 5

WT 4 <b>1341060000</b> 100
SF 10 <b>0332400000</b> 1000
SG 10 <b>0332500000</b> 1000
ADP <b>0485400000</b> 20
HP 4 <b>0485860000</b> 20

DEK 8	see "Accessories"
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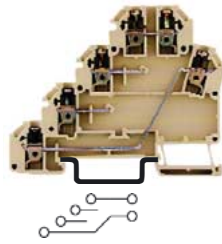
<sup>1)</sup> If the cross-connection runs via the PE connection of the DLA or if a pole is generally skipped, nominal voltage is reduced to 30 V~  
<sup>2)</sup> StB 8.5 only in upper busbar

<sup>3)</sup> Upper busbar

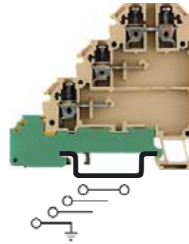


# Feed-through terminals for initiators and actuators

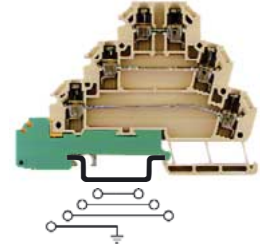
## VLI 1.5



## VLI 1.5PE



## MAK 2.5



### Dimensions/approvals

Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	



6/79/64
8 mm/M 2.5/3.5 x 0.6



6/69/63
8 mm/M 2.5/3.5 x 0.6



6/88/64
8 mm/M 2.5/3.5 x 0.6

### Rated data IEC 60 947-7-1

Rated voltage/current/cross-section

250 V/17.5 A/1.5 mm<sup>2</sup>

250 V/17.5 A/1.5 mm<sup>2</sup>

500 V (L-L)/250 V (L-PE)/ 24 A/2.5 mm<sup>2</sup>

Rated impulse voltage/pollution severity

4 kV/3

4 kV/3

6 kV/3

### Further technical data

Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	

0.4...0.6<sup>d)</sup>  
1

0.4...0.6  
1

0.4...0.6  
1

### Clampable conductors

Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
Gauge pin acc. to IEC 60 947-7-1	Size
Continuous current of terminal for conductor size	
Cont. current of cross-connect. , multi-pole	A

0.5...4.0  
0.5...2.5  
0.5...2.5  
0.5...2.5  
0.5...2.5  
A3  
24 A/2.5 mm<sup>2</sup>  
24

0.5...4.0  
0.5...2.5  
0.5...4  
0.5...2.5  
0.5...2.5  
A3  
24 A/2.5 mm<sup>2</sup>  
24

0.5...4.0  
0.5...2.5  
1.5...4  
0.5...2.5  
0.5...2.5  
A3  
31 A/4 mm<sup>2</sup>  
24

### UL/CSA rated data

Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

300 V/10 A/26...12 AWG  
300 V/10 A/26...12 AWG

300 V/10 A/26...12 AWG  
300 V/10 A/26...12 AWG

300 V/10 A/22...12 AWG  
300 V/10 A/22...12 AWG

### Ordering data

Version  
Wemid

	Cat. No.	Qty.
	<b>1784120000</b>	50

	Cat. No.	Qty.
	<b>1784130000</b>	50

	Cat. No.	Qty.
	<b>7917030000</b>	50

	<b>7917020000</b>	50
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### End plate/partition

End plate
Partial end plate for VLI1.5 – MAK2.5 combination
Partial end plate for VLI1.5 – VLI1.5PE combination
Partial end plate for VLI1.5PE – MAK2.5 combination

Type	Cat. No.	Qty.
AP VLI1.5	<b>1784150000</b>	20
TEAP2 MAK2.5	<b>1782950000</b>	20
TEAP VLI1.5	<b>1784170000</b>	20

Type	Cat. No.	Qty.
AP VLI1.5/PE	<b>1784160000</b>	20
TEAP VLI1.5	<b>1784170000</b>	20
TEAP1 MAK2.5	<b>1782940000</b>	20

Type	Cat. No.	Qty.
AP MAK2.5	<b>7917000000</b>	20
TEAP2 MAK2.5	<b>1782950000</b>	20
TEAP1 MAK2.5	<b>1782940000</b>	20

### Cross-connection

VQB 50-pole, snap-fit, external cross-connection



QB 25-pole external cross-connection

VQB1.5/50BL <sup>1)</sup>	<b>1633280000</b>	5
VQB1.5/50RT <sup>1)</sup>	<b>1633290000</b>	5
VQB1.5/50SW <sup>1)</sup>	<b>1635120000</b>	5

VQB1.5/50BL <sup>1)</sup>	<b>1633280000</b>	5
VQB1.5/50RT <sup>1)</sup>	<b>1633290000</b>	5
VQB1.5/50SW <sup>1)</sup>	<b>1635120000</b>	5

VQB1.5/50BL <sup>1)</sup>	<b>1633280000</b>	5
VQB1.5/50RT <sup>1)</sup>	<b>1633290000</b>	5
VQB1.5/50SW <sup>1)</sup>	<b>1635120000</b>	5
QB 25 SW <sup>1)</sup>	<b>0520000000</b>	20
QB 25 RT <sup>1)</sup>	<b>0520060000</b>	20
QB 25 BL <sup>1)</sup>	<b>0520080000</b>	20

### Group marking

Tag carrier  
for S 10 markers

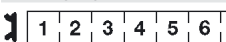
T 5	<b>0348500000</b>	100
SF 10	<b>0332400000</b>	1000
SG 10	<b>0332500000</b>	1000

T 5	<b>0348500000</b>	100
SF 10	<b>0332400000</b>	1000
SG 10	<b>0332500000</b>	1000

T 5	<b>0348500000</b>	100
SF 10	<b>0332400000</b>	1000
SG 10	<b>0332500000</b>	1000

### Marking tags

Print



FW/FS/...

DEK 5	see "Accessories"
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DEK 5	see "Accessories"
-------	-------------------

DEK 5	see "Accessories"
-------	-------------------

### Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> When using cross-connection bridges, the connection cross-section is reduced by one level.

## Feed-through terminals

### WMA 4/4 WMA 4/5



### WDK 2.5 D WDK 2.5 D GET.SCH.

Terminals for incorporating electronic components



### WDU 240



Max. technical data

#### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

**VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1**

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

#### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

#### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to IEC 60 947-7-1 Size

Cont. current of cross-connect. WQV/ZQV 2-5-pole A

Cont. current of cross-connect. WQV/ZQV 6-10-pole A

#### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

#### Ordering data

#### Version

Motor connection block (L1, L2, L3, PE) Wemid

Motor connection block (L1, L2, L3, N, PE) Wemid

Dark beige Wemid

Blue Wemid

#### End plate/partition



WAP (thickness 1.5 mm)

WTW

Dark beige Wemid

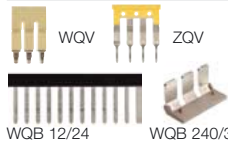
Blue Wemid

Dark beige Wemid

Blue Wemid

Frame (5 mm)

#### Cross-connection



WQB 12/24

WQB 240/3

2-pole

LGB 240/3 3-pole

4-pole

5...9-pole

10-pole

41-pole

Cross-connection comb



LS 2.8

Screening bar

Notching tool

#### Test adapter / strain relief / compensating terminals



WTA

Strain relief

Compensating terminal

#### Test plug/socket/hexagon wrench

PS 2.3 Test plug (ø2.3 mm)

StB 8.5 Test socket screw 8.5 (ø2.3)

SK wrench

#### Covers



With symbol

White

WAD for self-labelling/white

#### Group marking



WGB

T5

Tag carrier for S 10 markers

#### Marking tags

#### Print



DEK

WS

DEK Standard

WS white neutral

WS indiv. printed

#### Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. **1333100000**

<sup>2)</sup> Screws with hexagonal socket

41 A/6 mm<sup>2</sup>

24.5(30.6)/60/47

10 mm/M 3/3.5 x 0.6

800 V/32 A/4 mm<sup>2</sup>

8 kV/3

0.5...1.0

2

0.5...6

1.5...6

0.5...6

0.5...4

0.5...4

0.13...6 A 4

41/32

41/32

WMA 4/4 Cat. No. Qty. **1034000000** 20

WMA 4/5 Cat. No. Qty. **1033800000** 20

Type Cat. No. Qty.

WAP 2.5-10 **1050000000** 50

WAP 2.5-10 **1050080000** 50

WTW 2.5-10 **1050100000** 20

WTW 2.5-10 **1050180000** 20

ZQV4N Qty. WQV Qty.

**1758250000** 60 **1051960000** 50

**1762630000** 60 **1054560000** 50

**1762620000** 60 **1054660000** 50

ZQV see p. 263 / WQV see p. 262

**1758260000** 20 **1052060000** 20

**1758270000** 10 (41-pole)

LS 2.8<sup>3)</sup> **1056400000** 50

WAW 1 **9004500000** 1

WTA 3 **1632350000** 50

WTA 3/ZA **1632360000** 50

WTA 3/10 **1632370000** 5

Strain relief ZE 1 **1632150000** 50

PS 2.3(ø2.3) **0180400000** 20

StB 8.5(ø2.3) **0280600000** 50

WAD 5 **1053460000** 50

WAD 5 white **1056060000** 50

WGB 5 **1050760000** 50

T 5 **0348500000** 100

SF 10 **0332400000** 1000

SG 10 **0332500000** 1000

DEK 6 see "Accessories"

WS 12/6 **1609900000** 600

WS 12/6 **1609910000** 120

-/2.5 mm<sup>2</sup>

5/69/63

10 mm/M 2.5/3.5 x 0.6

-/2.5 mm<sup>2</sup>

0.4...0.6

1

0.5...4

1.5...4

0.5...2.5

0.5...2.5

0.5...2.5<sup>1)</sup>

0.13...4 A 3

300 V/20 A/22...12 AWG

Type Cat. No. Qty.

**1023200000** 100

With divided busbar (bottom)

**1023100000** 100

Type Cat. No. Qty.

WAP **1059100000** 20

WAP **1059180000** 20

WTW **1058800000** 20

WDK 2.5 **1074000000** 20

Type Cat. No. Qty.

WQV 2.5/2 **1053660000** 50

WQV 2.5/3 **1053760000** 50

WQV 2.5/4 **1053860000** 50

see p. 262

WQV 2.5/10 **1054460000** 20

WQB A/24 **1579000000** 20

LS 2.8<sup>3)</sup> **1056400000** 50

WAW 1 **9004500000** 1

TA 1 0535860000 20

PS 2.3(ø2.3) **0180400000** 20

StB 8.5(ø2.3) **0215700000** 50

ADP 3 **0485400000** 20x1m

HP 3 **0485760000** 20

WAD 4 **1072000000** 50

WT 4 **1341060000** 100

SF 10 **0332400000** 1000

SG 10 **0332500000** 1000

DEK 5 see "Accessories"

WS 8/5 **1640740000** 720

WS 8/5 **1773360000** 300

<sup>3)</sup> When using the screening bar, rated voltage is reduced to 400 V!

415 A/2.5 mm<sup>2</sup>

36/100/131.5

40 mm/M 10<sup>2</sup>/-

1000 V/415 A/240 mm<sup>2</sup>

8 kV / 3

25...30

70...240

70...240

70...240

70...185

70...185

B 15 / A 15

382

382

600 V/380 A/500 MCM

600 V/400 A/1/0 AWG-500 MCM

Type Cat. No. Qty.

**1802780000** 2

Type Cat. No. Qty.

WQB 240/2 **1802780000** 20

WQB 240/3 **1802800000** 20

Comp. terminal WZAD 240 **1802810000<sup>4)</sup>** 1

SK **0235000000** 1

DEK 5 see "Accessories"

## Coloured terminals

### WDU 2.5



### WDU 4



### WTR 2.5



Max. technical data

#### Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

**VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1**

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

#### Further technical data

##### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

#### Ordering data

##### Version

- Dark beige Wemid
- Blue Wemid
- Yellow Wemid
- Green Wemid
- Brown Wemid
- Grey Wemid
- White Wemid
- Orange PA
- Red Wemid
- Violet PA
- Black Wemid

#### End plate/partition

- Dark beige Wemid
- Blue Wemid
- Yellow Wemid
- Green Wemid
- Brown Wemid
- Grey Wemid
- White Wemid
- Orange PA
- Red Wemid
- Violet PA
- Black Wemid
- Dark beige Wemid
- Blue Wemid

WTW (thickness 1.5 mm)

#### Cross-connection

WQV	ZQV	WQB 8/24	Screening bar LS 2.8	2-pol.
				3-pol.
				4-pol.
				10-pol.

Notching tools WAW 1 for WQV and

WAW 2 for notching the punch-out in the terminal support

#### Test adapter



#### Test plug/socket

PS 2.3 StB 8.5



Screwdriver SDIK for StB Cat. No.: 9024930000

#### Cover

WAD with symbol

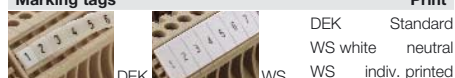
WAD white, for self-labelling

#### Group marking



WSD 2.5 T5 Tag carrier for S 10 markers

#### Marking tags



Mounting rails, end brackets, further marking materials see "Accessories"

32 A/4 mm<sup>2</sup>

5/60/47

10 mm/M 2.5/3.5 x 0.6

800 V/24 A/2.5 mm<sup>2</sup>

8 kV/3

see WDU 2.5 page 4

600 V/25 A/22...12 AWG

600 V/20 A/26...12 AWG

Type	Cat. No.	Qty.
WAP 2.5-10	1020000000	100
WAP 2.5-10	1020080000	100
WAP 2.5-10	1020020000	100
WAP 2.5-10	1020090000	100
WAP 2.5-10	1037710000	100
WAP 2.5-10	1037720000	100
WAP 2.5-10	1036800000	100
WAP 2.5-10	1020060000	100
WAP 2.5-10	1020040000	100
WAP 2.5-10	1037700000	100
WAP 2.5-10	1020010000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WAP 2.5-10	1050020000	50
WAP 2.5-10	1072200000	50
WAP 2.5-10	1050070000	50
WAP 2.5-10	1050050000	50
WAP 2.5-10	1050090000	50
WAP 2.5-10	1050060000	50
WAP 2.5-10	1050040000	50
WAP 2.5-10	1072210000	50
WAP 2.5-10	1050010000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

WQV 2.5N	Qty.	ZQV 2.5	Qty.
1053660000	50	1693800000	60
1053760000	50	1693810000	60
1053860000	50	1693820000	60
1053860000	20	1693880000	60
WQB B/24	1579060000	20	
LS 2.8	1056400000	50	
WAW 1	9004500000	1	

WTA 2	1632320000	50
WTA 2/ZA	1632330000	50
WTA 2/10	1632340000	5
ZE 1	1632150000	50

PS 2.3(ø 2.3)	0180400000	20
StB 8.5(ø 2.3)	0215700000	50

WAD 5	1053460000	50
WAD 5 white	1056060000	50

WGB 5	1050760000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"	
WS 12/5	1609860000	720

46 A/6 mm<sup>2</sup>

5/60/47

10 mm/M 3 /3.5 x 0.6

800 V/32 A /4 mm<sup>2</sup>

8 kV/3

see WDU 4 page 4

600 V/35 A/22...10 AWG

600 V/35 A/26...10 AWG

Type	Cat. No.	Qty.
WAP 2.5-10	1020100000	100
WAP 2.5-10	1020180000	100
WAP 2.5-10	1020120000	100
WAP 2.5-10	1020160000	100
WAP 2.5-10	1037810000	100
WAP 2.5-10	1037800000	100
WAP 2.5-10	1036700000	100
WAP 2.5-10	1036760000	100
WAP 2.5-10	1020140000	100
WAP 2.5-10	1037820000	100
WAP 2.5-10	1020110000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WAP 2.5-10	1050020000	50
WAP 2.5-10	1072200000	50
WAP 2.5-10	1050070000	50
WAP 2.5-10	1050050000	50
WAP 2.5-10	1050090000	50
WAP 2.5-10	1050060000	50
WAP 2.5-10	1050040000	50
WAP 2.5-10	1072210000	50
WAP 2.5-10	1050010000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

WQV 2.5N	Qty.	ZQV 2.5	Qty.
1051960000	60	175825000	50
1054560000	60	1762630000	50
1054660000	60	1762620000	50
1052060000	20	1758260000	20
WQV 2.5/41	1758270000	10	
LS 2.8	1056400000	50	
WAW 1	9004500000	1	

WTA 3	1632350000	50
WTA 3/ZA	1632360000	50
WTA 3/10	1632370000	5
ZE 1	1632150000	50

PS 2.3(ø 2.3)	0180400000	20
StB 8.5(ø 2.3)	0280600000	50

WAD 5	1053460000	50
WAD 5 white	1056060000	50

WGB 5	1050760000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 6	see "Accessories"	
WS 12/6	1609900000	600

16 A/1.5 mm<sup>2</sup>

5/60/49

10 mm/M 2.5/3<sup>3</sup>/3.5 x 0.6

800 V/16 A<sup>4</sup>/1.5 mm<sup>2</sup>

6 kV/3

see WTR 2.5 page 24

300 V/10 A/22...12 AWG

300 V/10 A/26...12 AWG

Without StB	With 2 StB	Qty.
1011100000	1011200000	100
1011180000	1011280000	100
1011120000	1011200000	100
1011130000	1011230000	100
1011150000	1011250000	100
1011190000	1011290000	100
1011160000	1011260000	100
1011140000	1011240000	100
	1019500000	100
1011110000	1011210000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WAP 2.5-10	1050020000	50
WAP 2.5-10	1072200000	50
WAP 2.5-10	1050070000	50
WAP 2.5-10	1050050000	50
WAP 2.5-10	1050090000	50
WAP 2.5-10	1050060000	50
WAP 2.5-10	1050040000	50
WAP 2.5-10	1072210000	50
WAP 2.5-10	1050010000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

WQV 2.5N	Qty.	ZQV 2.5	Qty.
1051960000	60	175825000	50
1054560000	60	1762630000	50
1054660000	60	1762620000	50
1052060000	20	1758260000	20
WQV 2.5/41	1758270000	10	
LS 2.8	1056400000	50	
WAW 1	9004500000	1	

WAW 2	9004510000	1
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PS 2.3(ø 2.3)	0180400000	20
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WAD 5	1053460000	50
WAD 5 white	1056060000	50

WGB 5	1050760000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"	
WS 12/5	1609860000	720

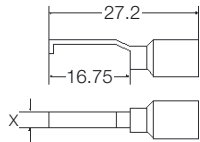
WSD 2.5 -K+	1058460000	25
WSD 2.5 +B-	1058560000	25
WSD 2.5 <sup>1)</sup>	1058660000	25
WSD 2.5 <sup>2)</sup>	1058760000	25

WSD 2.5 <sup>1)</sup>	1058660000	25
WSD 2.5 <sup>2)</sup>	1058760000	25

<sup>1)</sup> With wire link <sup>3)</sup> With StB 2.3  
<sup>2)</sup> W/o special components <sup>5)</sup> Maximum power loss 1.6 W

<sup>4)</sup> When using the diode plug with soldered diode, rated current is reduced to 1 A  
 When using the screening bar, rated data is reduced!

## W-series terminals with clamping yoke and tension clamp



### Note:

The insulation stripping length of the connection conductor is pre-defined. We advise to use hook-shaped cable lugs which are recommended by the relevant cable lug manufacturers. In this case, rated voltage is 250 V. If an end plate is inserted, rated voltage is 400 V.





Dimensions/approvals	
Width/length/height (mm)	with TS 35 x 7.5
Width/length/height (mm)	
Insulation stripping length/clamping screw/screwdriver blade	

Rated data	
Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	

Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	

Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to IEC 60 947-7-1 Size	



Hook-shaped cable lugs acc. to ESI 50-18 Part 2	
Size 2 (x = 3 mm)	2 pieces
Size 1 (x = 4.6 mm)	2 pieces

Ordering data	Version
	Dark beige Wemid
	Dark beige Wemid
	PA 66 black
	PA 66 black



UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Hook-shaped cable lugs	
0.25–1.5 mm <sup>2</sup> black	
1.25–2.5 mm <sup>2</sup> black	


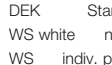
End plate/partition			
WAP	WTW	Wemid	
	Thickness	Wemid	
Thickness 1.5 mm	1.5 mm	Black Wemid	
		Black Wemid	

Cross-connection	
	WQV
	ZQV

Test adapter	
WTA 5	WTA 3

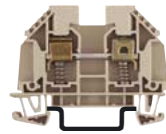
Test plug/socket	
PS 2.3	StB 8.5
	

Cover	
WAD with symbol	
WAD white	
Group marking	
WGB	
T 5	
Tag carrier	
for S 10 markers	

Marking tags	Print
	DEK Standard
	WS white neutral
	WS indiv. printed

Mounting rails, end brackets, further marking materials see "Accessories"

### WDU 4 SL



UL/CSA	
6/60/47	
6/60/52	
15 mm/M 3/3.5 x 0.6	

IEC	
500 V/32 A/4mm <sup>2</sup>	
6 kV/3	

0.5...1	
2	

Clampable conductors	
0.5...6	
1.5...6	
0.5...4	
0.13...6	A4

0.28...1.5	
------------	--

IEC	Qty.
9537440000	50
9537450000	50
9537500000	50
9537510000	50

600 V/30 A/22...10	
300 V/25 A/22...10	

9036290000	100
------------	-----

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WTW 2.5-10	1050100000	20
WAP	1050010000	50
WTW	1050110000	20

WQV 4/2	1051960000	50
WQV 4/3	1054560000	50
WQV 4/4	1054860000	50
WQV 4/10	1052060000	20
WAW1	9004500000	1
ZQV 4N/2	1758250000	60
ZQV 4N/3	1762630000	60
ZQV 4N/4	1762620000	60
ZQV 4N/10	1758260000	20
ZQV 4N/41	1758270000	10

WTA 3	1632350000	50
WTA 3/ZA	1632360000	50
WTA 3/10	1632370000	5
ZE 1	1632150000	25

PS 2.3 (ø 2.3)	0180400000	20
StB 8.5 (ø 2.3)	0280600000	50

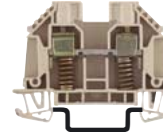
WAD 5	1053460000	50
WAD 5 white	1056060000	50

WGB 5	1050760000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 6	see "Accessories"	
WS 12/6	1609900000	600
WS 12/6	1609910000	120



### WDU 6 SL



UL/CSA	
8/60/47	
8/60/52	
16 mm/M 3.5/4 x 0.8	

IEC	
500 V/24 A	
6 kV/3	

0.8...1.4	
3	

Clampable conductors	
0.5...10	
1.5...10	
0.5...6	
0.5...10	A4

0.28...1.5/1...2.5	
0.28...1.5/1...2.5	

ESI	IEC	Qty.
	9537460000	50
	9537470000	50
9537420000		50
9537430000		50

150 V/45 A/20...8	
300 V/45 A/20...8	

9036290000	100
9036300000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WTW 2.5-10	1050100000	20
WAP	1050010000	50
WTW	1050110000	2

WQV 6/2	1052360000	50
WQV 6/3	1054760000	50
WQV 6/4	1054860000	50
WQV 6/10	1052260000	20
WAW1	9004500000	1

WTA 5/1	1051260000	25
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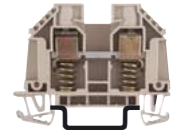
PS 2.3 (ø 2.3)	0180400000	20
PS 4 (ø 4)	0299600000	20
StB 8.5 (ø 2.3)	0280600000	50
StB 14 (ø 4)	0169900000	50

WAD 8	1053560000	50
WAD 8 white	1056160000	50

WGB 8	1050960000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 8	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

### WDU 10 SL



UL/CSA	
10/60/47	
10/60/52	
17 mm/M 4/5.5 x 1.0	

IEC	
500 V/36 A	
6 kV/3	

1.2...2.4	
4	

Clampable conductors	
1.5...16	
1.5...16	
1.5...10	
1.31...10	A5

0.28...1.5/1...2.5	
0.28...1.5/1...2.5	

ESI	IEC	Qty.
	9537480000	50
	9537490000	50
9537400000		50
9537410000		50

150 V/50 A/16...8	
300 V/65 A/16...6	

9036290000	100
9036300000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WTW 2.5-10	1050100000	20
WAP	1050010000	50
WTW	1050110000	20

WQV 10/2	1052560000	50
WQV 10/3	1054960000	50
WQV 10/4	1055060000	50
WQV 10/10	1052460000	20
WAW1	9004500000	1

WTA 5/1	1051260000	25
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PS 2.3 (ø 2.3)	0180400000	20
PS 4 (ø 4)	0299600000	20
StB 8.5 (ø 2.3)	0280600000	50
StB 14 (ø 4)	0169900000	50

WAD 8	1053560000	50
WAD 8 white	1056160000	50

WGB 8	1050960000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

## W-series terminals with clamping yoke + spring


### WTL 6 SL



### WTD 6 SL



#### Dimensions/approvals

Width/length/height (mm)	with TS 35
Width/length/height (mm)	
Insulation stripping length/clamping screw/screwdriver blade	

#### Rated data

Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	

#### Further technical data

Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	

#### Clampable conductors

Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Max. clamping range in mm <sup>2</sup>	
Gauge pin acc. to IEC 60 947-1	

#### Hook-shaped cable lugs acc. to ESI 50-18 Part 2

Size 2 (x = 3 mm)	2 pieces
Size 1 (x = 4.6 mm)	2 pieces

#### UL/CSA rated data

Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

#### Ordering data

Version	
 Dark beige Wemid	
 Dark beige Wemid	
 Black PA 66	
 Black PA 66	

#### Hook-shaped cable lugs







0.25–1.5 mm <sup>2</sup> black
1.25–2.5 mm <sup>2</sup> black

#### End plate/partition



Dark beige Wemid
Black PA 66

#### Cross-connection

	2-pole
	3-pole
	4-pole
	10-pole
	BS
	QVSK

#### Test plug



#### Test socket screw

StB 25 GE
StB 25 GN
StB 25 VI
StB 35 GE
StB 35 GN
StB 35 VI
StB 14

#### Disconnect lock

#### Marking tags



DEK	Standard
WS white	neutral
WS	indiv. printed

8/83/50
8/83/49
16 mm/M 3.5/4.0 x 0.8
<b>ESI</b>
500 V/24 A/6mm <sup>2</sup>
6 kV/3
0.8...1.4
3
0.5...10
1.5...10
0.5...6
0.5...10
A4
0.28...1.5/1...2.5
0.28...1.5/1...2.5

Type	Cat. No.	Qty.
WTL 6 SL	<b>9538070000</b>	50
WTL 6 SL	<b>9538080000</b>	50
WTL 6 SL	<b>9538020000</b>	50
WTL 6 SL	<b>9538030000</b>	50
	<b>9036290000</b>	
	<b>9036300000</b>	
WAP	<b>9538110000</b>	20
WAP	<b>9538060000</b>	20

QL2	<b>0194300000</b>	50
QL3	<b>0194400000</b>	50
QL4	<b>0194500000</b>	50
QL10	<b>0338300000</b>	20
QVS	<b>0292500000</b>	100
VH 19	<b>0318000000</b>	100
QVS 2	<b>0307300000</b>	20
QVSK 2	<b>1670360000</b>	20
QVS 3	<b>0329300000</b>	20
QVS 4	<b>0307400000</b>	20
PS 4	<b>0299600000</b>	20

StB 25 GE	<b>0267200000</b>	50
StB 25 GN	<b>0271200000</b>	50
StB 25 VI	<b>0271300000</b>	50
StB 35 GE	<b>0389000000</b>	50
StB 35 GN	<b>0388900000</b>	50
StB 35 VI	<b>0389100000</b>	50
StB 14	<b>0169900000</b>	50

SSP 3	<b>0531760000</b>	100
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DEK 8	see "Accessories"	
WS 12/6.5	<b>1609920000</b>	540
WS 12/6.5	<b>1609930000</b>	108

8/83/50
8/83/49
16 mm/M 3.5/4.0 x 0.8
<b>ESI</b>
500 V/24 A/6mm <sup>2</sup>
6 kV/3
0.8...1.4
3
0.5...10
1.5...10
0.5...6
0.5...10
A4
0.28...1.5/1...2.5
0.28...1.5/1...2.5

Type	Cat. No.	Qty.
WTD 6 SL	<b>9538090000</b>	50
WTD 6 SL	<b>9538100000</b>	50
WTD 6 SL	<b>9538040000</b>	50
WTD 6 SL	<b>9538050000</b>	50
	<b>9036290000</b>	
	<b>9036300000</b>	
WAP	<b>9538110000</b>	20
WAP	<b>9538060000</b>	20

QL 2	<b>0194300000</b>	50
QL 3	<b>0194400000</b>	50
QL 4	<b>0194500000</b>	50
QL 10	<b>0338300000</b>	20
QVS	<b>0292500000</b>	100
VH 19	<b>0318000000</b>	100
QVS 2	<b>0307300000</b>	20
QVSK 2	<b>1670360000</b>	20
QVS 3	<b>0329300000</b>	20
QVS 4	<b>0307400000</b>	20
PS 4	<b>0299600000</b>	20

StB 25 GE	<b>0267200000</b>	50
StB 25 GN	<b>0271200000</b>	50
StB 25 VI	<b>0271300000</b>	50
StB 35 GE	<b>0389000000</b>	50
StB 35 GN	<b>0388900000</b>	50
StB 35 VI	<b>0389100000</b>	50
StB 14	<b>0169900000</b>	50

SSP 3	<b>0531760000</b>	100
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DEK 8	see "Accessories"	
WS 12/6.5	<b>1609920000</b>	540
WS 12/6.5	<b>1609930000</b>	108

Mounting rails, end brackets, further marking materials see "Accessories"

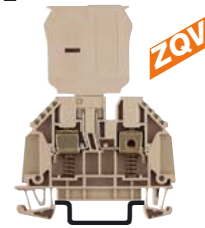


## W-series terminals with clamping yoke + spring


### WTR 4 SL



### WTR 4 SI SL



#### Dimensions/approvals

Width/length/height (mm)	with TS 35
Width/length/height (mm)	
Insulation stripping length/clamping screw/screwdriver blade	



6/60/47
12.5/M3/3.5 x 0.6



6/60/52
12.5/M3/3.5 x 0.6

#### Rated data

Rated voltage/current/cross-section
Rated impulse voltage/pollution severity

500 V/24 A/4mm <sup>2</sup>
6 kV/3

400 V/6.3 <sup>3)</sup> A/4mm <sup>2</sup>
6 kV/3

#### Further technical data

Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	

0.5...1
2

0.5...1
2

#### Clampable conductors

Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Max. clamping range in mm <sup>2</sup>	
Gauge pin acc. to IEC 60 947-1	

0.5...6
1.5...4
0.5...4
0.13...6
A4

0.5...6
1.5...4
0.5...4
0.13...6
A4

#### Hook-shaped cable lugs acc. to ESI 50-18 Part 2

Size 2 (x = 3 mm)	2 pieces
Size 1 (x = 4.6 mm)	2 pieces

0.28...1.5/1...2.5
--------------------

0.28...1.5/1...2.5
--------------------

#### UL/CSA rated data

Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

300 V/22 A/22...10 AWG
300 V <sup>4)</sup> /24 A/22...10 AWG

300 V/6.3 A/22...12 AWG
300 V/6.3 A/22...10 AWG

#### Ordering data

##### Version

	Dark beige Wemid
	Blue Wemid
	Black PA 66
	Dark beige Wemid
	Blue Wemid
	Black PA 66

	With StB.2.3	Without StB	Qty.
WTR 4 SL	7910300000	7910270000	50
WTR 4 SL	7910310000	7910280000	50
WTR 4 SL	7910320000	7910290000	50
WTR 4 SL	7910390000	7910360000	50
WTR 4 SL	7910400000	7910370000	50
WTR 4 SL	7910410000	7910380000	50

	Without StB	Qty.
WTR 4 SI SL	7910330000	50
WTR 4 SI SL	7910350000	50
WTR 4 SI SL	7910420000	50
WTR 4 SI SL	7910440000	50


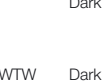
#### Hook-shaped cable lugs

0.25–1.5 mm <sup>2</sup> black
--------------------------------

9036290000
------------

9036290000
------------

#### End plate/partition

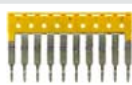
	Dark beige Wemid
	Black PA 66
	Blue Wemid
WAP	Dark beige Wemid
WTW	Dark beige Wemid

WAP	1050000000	50
WAP	1050010000	50
WAP	1050080000	50
WTW	1050100000	20

WAP	1050000000	50
WAP	1050010000	50
WAP	1050080000	50
WTW	1050100000	20

#### Cross-connection

ZQV	2-pole
	3-pole
	4-pole
	10-pole
	41-pole
	neutral



ZQV 4N/2	1758250000	60
ZQV 4N/3	1762630000	60
ZQV 4N/4	1762620000	60
ZQV 4N/10	1758260000	20
ZQV 4N/41	1758270000	10
QB 75/6.2/15	0535200000	10
ISPF QB75 SW	0526700000	10
ISPF QB75 BL	0526780000	10
ISPF QB75 RT	0526760000	10

ZQV 4N/2	1758250000	60
ZQV 4N/3	1762630000	60
ZQV 4N/4	1762620000	60
ZQV 4N/10	1758260000	20
ZQV 4N/41	1758270000	10
QB 75/6.2/15	0535200000	10
ISPF QB75 SW	0526700000	10
ISPF QB75 BL	0526780000	10
ISPF QB75 RT	0526760000	10

#### Test plug


PS 2.3		
Test adapter		WTA 6

0180400000	20
1632380000	25

0180400000	20
1632380000	25

#### Fuse holder

##### for 5x20 SIHA

	SIHA 2/G 20	400 V~
	SIHA 2/G 20	12 V-/24 V~
	SIHA 2/G 20	20-30 V-/40-60 V~
	SIHA 2/G 20	40-60 V-/80-220 V~
	SIHA 2/G 20	115 V-/230 V~

9537600000	25
9537610000	25
9537620000	25
9537630000	25
9537640000	25

9537600000	25
9537610000	25
9537620000	25
9537630000	25
9537640000	25

#### Marking tags

	DEK	Standard
	WS white	neutral
	WS	indiv. printed

DEK 6	see "Accessories"	
WS 12/6	<b>1609900000</b>	600
WS 12/6	<b>1609910000</b>	120

DEK 6	see "Accessories"	
WS 12/6	<b>1609900000</b>	600
WS 12/6	<b>1609910000</b>	120

#### Mounting rails, end brackets, further marking materials see "Accessories"

<sup>3)</sup> Maximum power loss 1.6 W

<sup>4)</sup> With WAP or WTW 600V/22 A

## Terminals with electronic components

Incorporating electronic components into a terminal makes the connection point an active part of the installation. The unused space within a terminal can be sensibly used for signal indication, for suppressing sparks, or for signal conditioning. Weidmüller's range principally covers

### Terminals with indicator

to display the switching state, signals and the operating voltage. This indication simplifies the start-up process, monitoring, servicing and repairs of the installation.

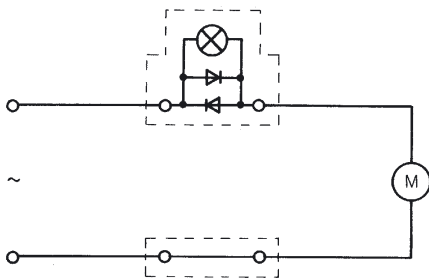
The range of terminals covers double-deck terminals for voltage/current monitoring, fuse terminals with outage display and disconnect test terminals for signalling disconnections.

Various coloured LEDs, glow lamps (low consumption) or regular bulbs are used for signal indication.

Typical applications are:

#### • Monitoring a ventilator motor

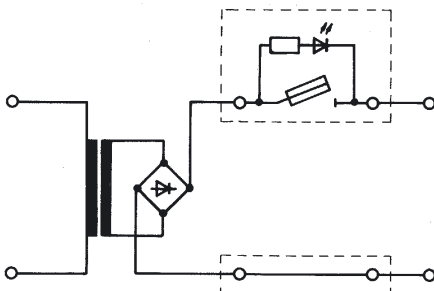
Displaying the current flow slows the operating status of the ventilator.



Typical example:

#### • Protecting a power supply

A lit LED shows a tripped fuse, whereby a small residual current is flowing through the terminal.



A status display without residual current is provided by the EGS fuse component.

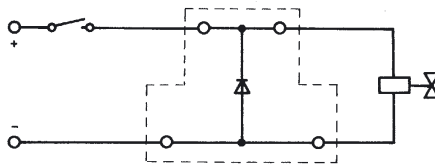
### Terminal with diode

for suppressing inductively or for linking signals.

Typical example:

#### • Eliminating sparks on switching a DC valve

The electromagnetic energy stored in the coil fades through the diode on opening the contact.

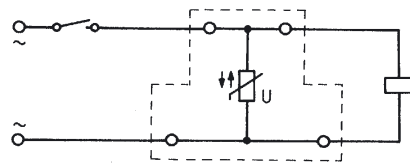


Typical example:

#### • Protecting contacts on switching an inductive AC load

A varistor limits the peak voltage on switching off the load.

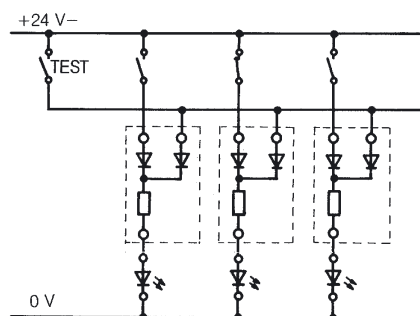
This prevents arcing and related burning of contacts.



Typical example:

#### • Test switch for LED display panels

The primary resistors for the LEDs are integrated into the terminal. Two diodes decouple control and test signals.



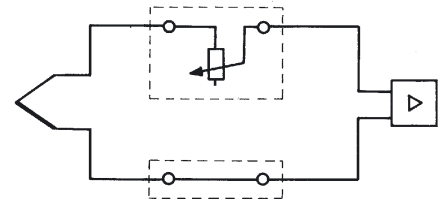
### Compensating terminals

In measurement, control and regulation technology various cable lengths and tolerances in the sensors necessitate matching of the circuits.

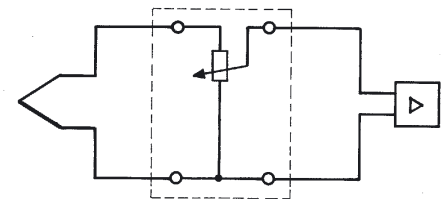
For this, we offer a combination of terminal and potentiometer an: Type SAKL 4.

Typical example:

#### • Temperature measurement



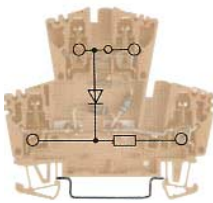
A further variation provides a **voltage distributor** in a terminal.



## Terminals with indicator

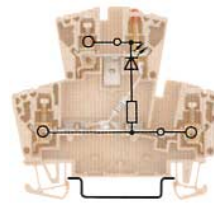
### WDK 2.5 LD

Direct **voltage** indicator



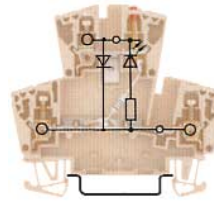
### WDK 2.5 LD

Direct **voltage** indicator



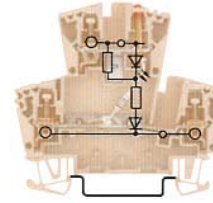
### WDK 2.5 LD

Direct **voltage** indicator



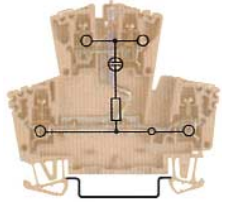
### WDK 2.5 LD

Alternating **voltage** indicator



### WDK 2.5 GL

Alternating **voltage** indicator



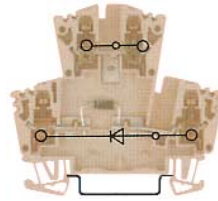
Dimensions		mm					
Length		69		69		69	
Height (incl. TS 35x7.5)		63		63		63	
Terminal width							
(+ assembly tolerance 0.2)		5		5		5	
Insulation stripping length		10		10		10	
Connection data							
Screw connection, flexible		0.5...2.5 mm <sup>2</sup>		0.5...2.5 mm <sup>2</sup>		0.5...2.5 mm <sup>2</sup>	
Conductor cross-connection		AWG 26...12		AWG 26...12		AWG 26...12	
VDE rated data							
Current of through-busbar		10 A		10 A		10 A	
Cross-section		2.5 mm <sup>2</sup>		2.5 mm <sup>2</sup>		2.5 mm <sup>2</sup>	
LED current		< 5 mA		< 5 mA		< 5 mA	
Voltage/indication		Type	Cat. No.	Type	Cat. No.	Type	Cat. No.
24 V~/red LED		WDK 2.5 LD	8023630000	WDK 2.5 LD	1023600000	WDK 2.5 LD	8019050000
24 V~/green LED		WDK 2.5 LD	8010040000	WDK 2.5 LD	8023610000	WDK 2.5 LD	8161430000
115 V~/red LED						WDK 2.5 LD	8006320000
230 V~/red LED						WDK 2.5 LD	8013140000
230 V~/glow lamp							WDK 2.5 GD 8013840000

## Terminals with diodes

(Other versions on request)

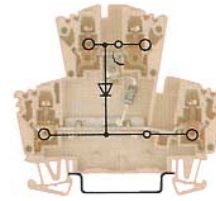
### WDK 2.5 D

Diode terminal, e.g. reverse polarity protection



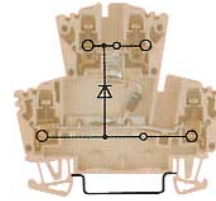
### WDK 2.5 D



Arc suppression circuit for contactors and solenoid valves (DC voltage)



### WDK 2.5 D

Arc suppression circuit for contactors and solenoid valves (DC voltage)

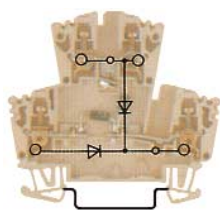


Dimensions								
Length	mm	69	69	69				
Height (incl. TS 35x7.5)	mm 	63	63	63				
Terminal width (+ assembly tolerance 0.2)	mm	5	5	5				
Insulation stripping length	mm	10	10	10				
Connection data								
Screw connection, flexible		0.5...2.5 mm²	0.5...2.5 mm²	0.5...2.5 mm²				
Conductor cross-connection		AWG 26...12	AWG 26...12	AWG 26...12				
VDE rated data								
Voltage		380 V~	380 V~	380 V~				
Diode reverse voltage		1000 V	1000 V	1000 V				
Diode current		1 A	1 A	1 A				
Current of through-busbar		10 A	10 A	10 A				
Diode		1 N 4007	1 N 4007	1 N 4007				
Terminal colour								
		Dark beige Wemid	Dark beige Wemid	Dark beige Wemid				
Ordering data		Type	Cat. No.	Type	Cat. No.			
		WDK 2.5 D	8025610000	WDK 2.5 D	1023400000			
Accessories		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Mounting rail (length 2 m)		TS 35 x 7.5	0383400000	2 m	TS 35 x 7.5	0383400000	2 m	
		slotted	0514500000	2 m	slotted	0514500000	2 m	
		TS 35 x 15	0498000000	2 m	TS 35 x 15	0498000000	2 m	
End bracket								
EW 35 (thickness 8.5 mm)		EW 35 (8.5)	0383560000	50	EW 35 (8.5)	0383560000	50	
End plate								
WAP (thickness 1.5 mm)		WAP	1059100000	100	WAP	1059100000	100	
Cross-connection (pre-assembled)								
2-pole		WQV 2.5	1053660000	50	WQV 2.5	1053660000	50	
3-pole		WQV 2.5	1053760000	50	WQV 2.5	1053760000	50	
4-pole		WQV 2.5	1053860000	50	WQV 2.5	1053860000	50	
10-pole		WQV 2.5	1054460000	50	WQV 2.5	1054460000	50	
Marking tags		Print						
 DEK	DEK	Standard	DEK 5	see "Accessories"	DEK 5	see "Accessories"	DEK 5	see "Accessories"
	WS white	neutral	WS 8/5	1640740000	720	WS 8/5	1640740000	720
	WS	indiv. printed	WS 8/5	1773360000	300	WS 8/5	1773360000	300
			</					

## Terminals with diodes

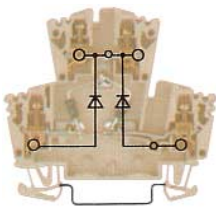
## WDK 2.5 D

Diode terminal for lamp test circuits



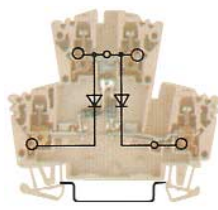
## WDK 2.5 D

Diode terminal for lamp test circuits



## WDK 2.5 D

Diode terminal for lamp test circuits

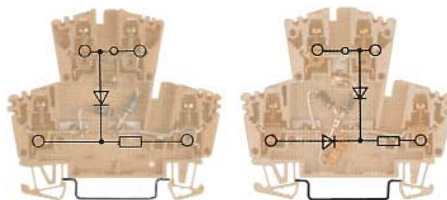
[illegible]



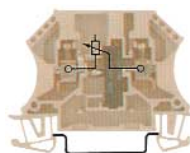
(Other versions on request)

Diode terminal for lamp test circuits, with series resistor

Diode terminal for lamp test circuits, with series resistor

56 **Weldmüller** 

## WDUL 4/...



Dimensions					
Length	mm	60			
Height (incl. TS 35 x 7.5)	mm	47			
Terminal width (+ assembly tolerance 0.2)	mm	6			
Insulation stripping length	mm	9/10			
Connection data					
Screw connection, solid		0.5...4 mm <sup>2</sup>			
Screw connection, flexible		0.5...4 mm <sup>2</sup>			
Conductor cross-connection		AWG 22...12			
VDE rated data					
Power		1 W			
Cross-section		4 mm <sup>2</sup>			
Ordering data		Type	Cat. No.	Qty.	
Resistance	10 Ω	WDUL 4/10	1027000000	10	
	30 Ω	WDUL 4/30	1027100000	10	
	50 Ω	WDUL 4/50	1027200000	10	
	100 Ω	WDUL 4/100	1027300000	10	
	500 Ω	WDUL 4/500	1027400000	10	
	1 kΩ	WDUL 4/1K	1027500000	10	
	5 kΩ	WDUL 4/5K	1027600000	10	
	10 kΩ	WDUL 4/10K	1027700000	10	
	50 kΩ	WDUL 4/50K	1027800000	10	
	100 kΩ	WDUL 4/100K	1027900000	10	
	500 kΩ	WDUL 4/500K	1028000000	10	
	2 MΩ	WDUL 4/2M	1028100000	10	
		WDUL 4	8161820000	10	
		(without potentiometer)			
Accessories					
Mounting rail (length 2 m)		TS 35	0383400000	–	
End bracket (thickness mm)		EW 35 (8.5)	0383560000	50	
End plate (thickness mm)		WAP 2.5-10	1050000000	50	
Partition (thickness mm)		TW PA (1.5)	1050100000	20	
Screening bar		LS 2.8	1056400000	100	
Solder lug					

## Technical data for the 30 Ω compensation resistor

Resistor material: "Cermet"

Resistor setting range: 0...30 Ω

Curve form: linear

Temperature coefficient: ± 100 ppm/°C

Mechanical service life: 200 actuations without permissible deviations throughout the entire resistance range

Resistance change per spindle turn: ≈ 1.2 Ω

Rated output for total resistance: 1 W at 70 °C

Rated current: 120 mA

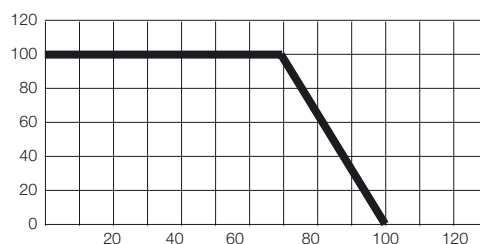
Ambient temperature: –55 °C to +70 °C

Sealing:

1) Leak-tested in water with 70 °C without foaming

2) Storage in SFW 2.0 S acc. to DIN 50018, 9 cycles

Capacity in % of the rated output



Ambient temperature in °C