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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



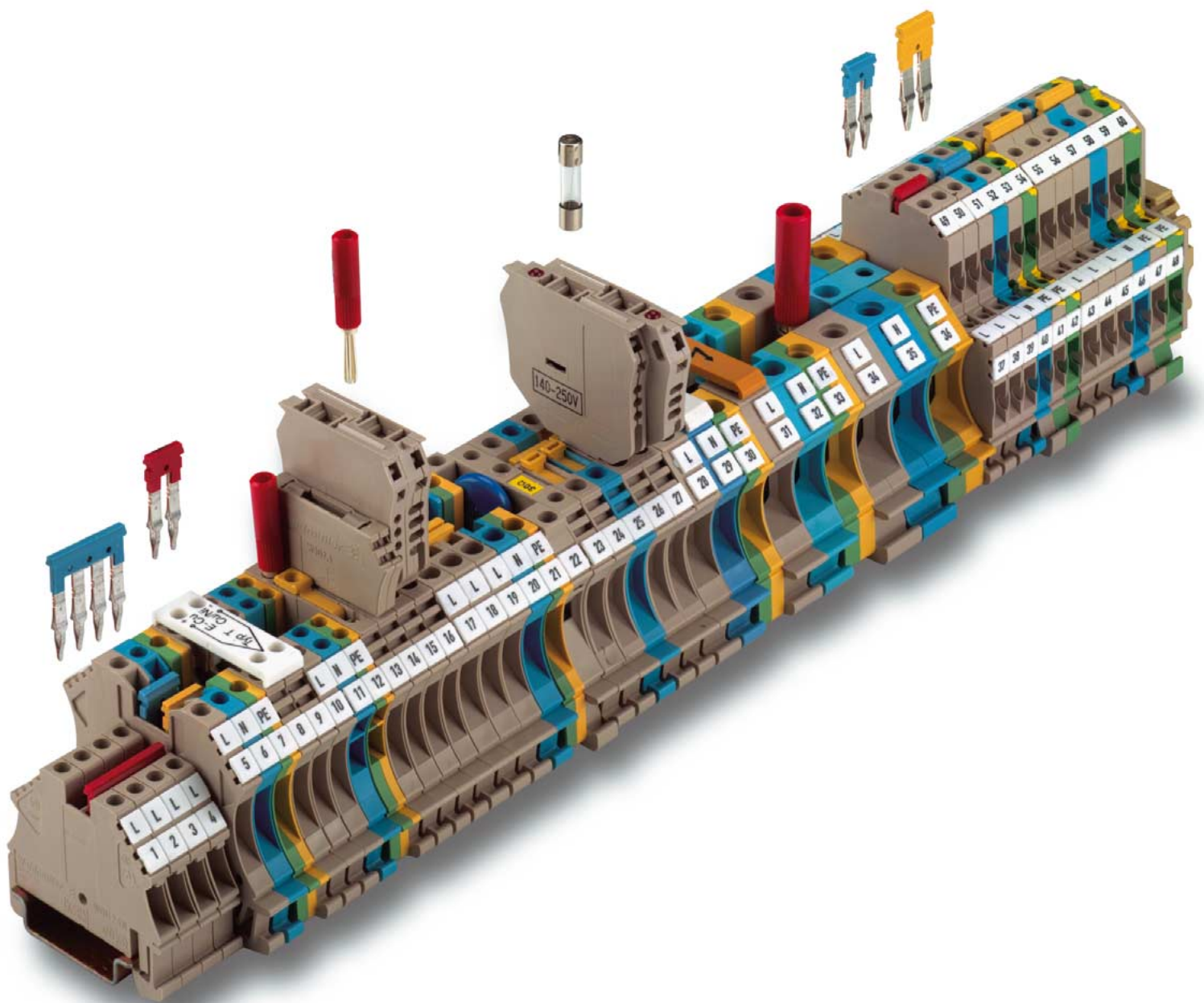
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### W-series sets standards!

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

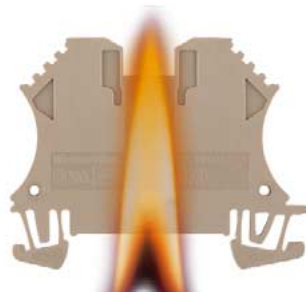
The W-series provides the highest number of advantages compared to all other screw-connection terminals currently available!

#### 1) Easy project planning

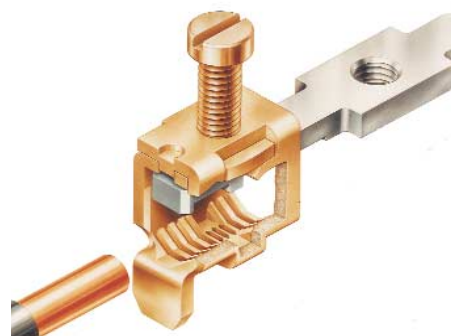
- matching contour dimensions between 1.5 – 16 mm<sup>2</sup> in standard design
- uniform accessories for different cross-section ranges (WDU 2.5 to WDU 16)
- convenient terminal marking options thanks to two marking systems, WS / DEK
- special design of clamping units for connection of 2 conductors (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













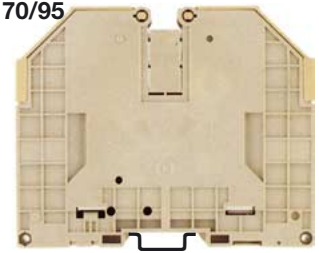






# Feed-through terminals

## WDU 70/95



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

UL

27/132/108

30 mm/M 8/S 6

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

8 kV/3

6...12

### Clampable conductors

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

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 6...12

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup> 16

Stranded H07V-R mm<sup>2</sup> 16...120<sup>2)</sup>

Flexible H07V-K mm<sup>2</sup> 16...95<sup>2)</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup> 16...95<sup>2)</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup> 16...50

Strips mm 3 x 9 x 0.8

Strips mm 4 x 16 x 0.8

Max. clamping range in mm<sup>2</sup> Gauge pin iaw. 60 947-1 Size 16...120 B 12

Cont. current of cross-connect. 2-pole A 232

Cont. current of cross-connect. Multi-pole A (3) 232

### UL/CSA rated data

Voltage/current/conductor size UL 600 V/175 A/6...2/0 AWG

Voltage/current/conductor size CSA 600 V/205 A/6...2/0 AWG

### Ordering data

Hexagonal socket 6 mm Dark beige Wemid WDU 70/95 Cat. No. 1024600000 Qty. 10

Hexagonal socket 6 mm Blue Wemid WDU 70/95 Cat. No. 1024680000 Qty. 10

Hexagonal socket 6 mm Green Wemid WDU 70/95 Cat. No. 1024650000 Qty. 10

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

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

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

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

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

WFL

### Cover

Yellow WAD 27

With danger sign Cat. No. 1062860000 Qty. 10

White WAD 27

Without danger sign Cat. No. 1062960000 Qty. 10

### Test plug

PS 4 Cat. No. 0299600000 Qty. 20

Pluggable in screw head of connection system

### Fixing screw

M 6x16 For direct fitting Cat. No. 1063700000 Qty. 20

### Hexagon wrench

SK wrench Cat. No. 0407900000 Qty. 1

6 mm acc. to DIN 6911

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

SDI Cat. No. 9008410000 Qty. 1

### Marking tags

DEK Standard DEK 5 see "Accessories"

WS white neutral WS 12/6.5 Cat. No. 1609920000 Qty. 540

WS indiv. printed WS 12/6.5 Cat. No. 1609930000 Qty. 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

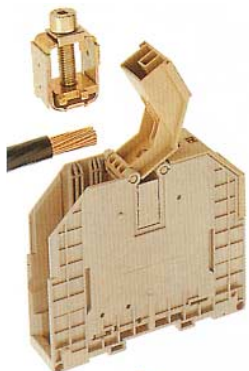
Large-size conductors no longer have to be inserted into the clamping unit with force; they can easily be placed in the terminal.

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:

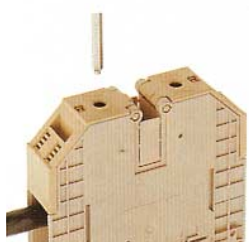
- Constant force transmission by self-adjusting connection system
- Random wiring direction
- Safe from finger-touch (VBG 4), even with cross-connection fitted
- Extreme distortion resistance



Open terminal cover and remove screw unit



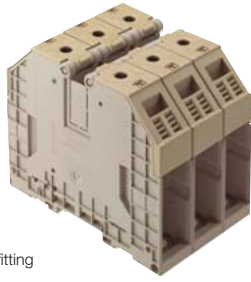
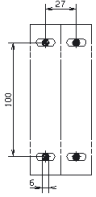
Place conductor in terminal and replace screw unit



Close cover and tighten screw with hexagon wrench

# Feed-through terminals

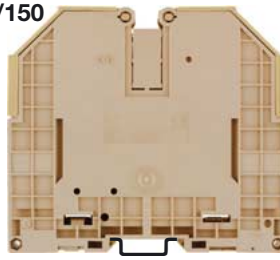
## WDU 70/95/...



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

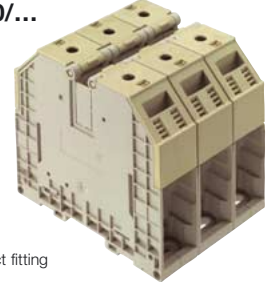
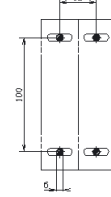
81/132/108 (block of 3)*		
30 mm/M 8/S 6		
1000 V/232 A/95 mm <sup>2</sup>		
8 kV/3		
6...12		
16		
16...120 <sup>2)</sup>		
16...95 <sup>2)</sup>		
16...50		
3 x 9 x 0.8	6 x 9 x 0.8	
4 x 16 x 0.8	6 x 16 x 0.8	
16...120		B 12
232		
(3) 232		
600 V/175 A/6...2/O AWG		
600 V/205 A/6...2/O AWG		
Type	Cat. 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
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

## 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		
16		
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
WQV 120/3	1063400000	5
WZAD 120	1066100000	10
WFL 120/150	1616340000	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

## WDU 120/150/...



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

96/132/118 (block of 3)*		
35 mm/M 10/S 6		
1000 V/269 A/120 mm <sup>2</sup>		
8 kV/3		
10...20		
16		
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/...	1026400000 <sup>1)</sup>	3
WDU 120/150/...	1026500000 <sup>1)</sup>	2
WDU 120/150/...	1026600000 <sup>1)</sup>	2
WDU 120/150/...	1032400000 <sup>1)</sup>	2
Type	Cat. No.	Qty.
WQV 120/2	1063300000	5
WQV 120/3	1063400000	5
WZAD 120	1066100000	10
WFL 120/150	1616340000	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

<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

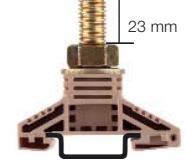
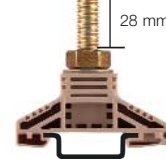
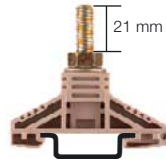
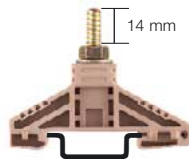
# Stud terminals

## WF 6

## WF 8

## WF 10

## WF 12



Max. technical data		WF 6	WF 8	WF 10	WF 12
<b>Dimensions / approvals</b>		125 A/35 mm <sup>2</sup> 	150 A/50 mm <sup>2</sup> 	265 A/120mm <sup>2</sup> 	265 A/120mm <sup>2</sup> 
Width/length/height with  TS 35 x 7	mm	19.6 / 67 / 56	24.6 / 67 / 65	35.6 / 67 / 74	35.6 / 67 / 72
Pitch with partition	mm	18	23	34	34
Stud size		M6	M8	M10	M12

<b>Rated data</b>		WF 6	WF 8	WF 10	WF 12
Rated voltage/current/cross-section		1000 V <sup>1)</sup> / - / -	1000 V <sup>1)</sup> / - / -	1000 V <sup>1)</sup> / - / -	1000 V <sup>1)</sup> / - / -
Rated voltage/current/cross-section		2.300 V <sup>2)</sup> / - / -	2.300 V <sup>2)</sup> / - / -	2.300 V <sup>2)</sup> / - / -	2.300 V <sup>2)</sup> / - / -
Rated impulse voltage/pollution severity <sup>1)</sup>		8 kV / 3	8 kV / 3	8 kV / 3	8 kV / 3
Rated impulse voltage/pollution severity <sup>2)</sup>		12 kV / PD 3	12 kV / PD 3	12 kV / PD 3	12 kV / PD 3

<b>Further technical data</b>		WF 6	WF 8	WF 10	WF 12
Tightening torque range	Nm	3 ... 6	6 ... 12	10 ... 20	14 ... 31

<b>Clampable conductors</b>		WF 6	WF 8	WF 10	WF 12
DIN 46234 / number per side <sup>1)</sup>		...35 / 2	...50 / 2	...120 / 2	...120 / 2
DIN 46235 / number per side <sup>1)</sup>		...25 / 2	...35 / 2	... 95 / 2	... 95 / 2
DIN 46234 / number per side <sup>2)</sup>		...35 / 1	...50 / 1	...120 / 1	...120 / 1
DIN 46235 / number per side <sup>2)</sup>		...25 / 1	...35 / 1	... 95 / 1	... 95 / 1

<b>UL/CSA rated data</b>		WF 6	WF 8	WF 10	WF 12
Voltage/current/conductor size	UL	1000 V/115 A/14...2 AWG	1000 V/115 A/14...1/0 AWG	1000 V/255 A/10...250 kcmil AWG	1000 V/255 A/10...250 kcmil AWG
Voltage/current/conductor size	CSA	1000 V/150 A/14...2 AWG	1000 V/200 A/14...1/0 AWG	1000 V/320 A/10...250 kcmil AWG	1000 V/320 A/10...250 kcmil AWG

<b>Ordering data</b>		<b>Version</b>			Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Dark beige Wemid		WF 6	1780850000	25	WF 8	1780860000	25	WF 10	1780870000	20	WF 12	1780880000	20			

<b>Partition / version</b>		<b>Dark beige Wemid <sup>1)</sup> Epoxy resin <sup>2)</sup></b>			Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	Dark beige Wemid <sup>1)</sup> Epoxy resin <sup>2)</sup>	WTW WF 6	1781220000	20	WTW WF 8	1780900000	20	WTW WF 10/12	1780890000	20	WTW WF 10/1	1780890000	20	WTW WF 10/12 2300		20
	Dimensions (width/length/ height)	WTW WF 6 2300	1781230000	20	WTW WF 8 2300	1780910000	20	WTW WF 10/12 2300	1780920000	20	WTW WF 10/12 2300	1780920000	20	WTW WF 10/12 2300		20
Dark beige Wemid; length: 50 mm (for insul. cable lugs)		WTW WF 50	1781240000	20	WTW WF 50	1781240000	20	WTW WF 50	1781240000	20	WTW WF 50	1781240000	20	WTW WF 50	1781240000	20

<b>Cross-connection</b>		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
2-pole 3-pole Special 2-pole Special 3-pole	WQL 2 WF 6	1780970000	5	WQL 2 WF 8	1780990000	5	WQL 2 WF 10	1781010000	5	WQL 2 WF 12	1781030000	5	
	WQL 3 WF 6	1780980000	5	WQL 3 WF 8	1781000000	5	WQL 3 WF 10	1781020000	5	WQL 3 WF 12	1781040000	5	
	WQL 2 WF 6-8	1809880000	5	WQL 2 WF 6-10	1806620000	5	WQL 3 WF 6-10/2	1806640000	5				

<b>Prof. material for cover</b>		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
1000 mm	ADP WF 6/WF 8	1780930000	10	ADP WF 6/WF 8	1780930000	10	ADP WF 10/WF12	1806640000	10	ADP WF 10/WF 12	1780940000	10	

<b>Support for Cover</b>		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Dark beige Wemid	HA WF	1781050000	50	HA WF	1781050000	50	HA WF	1781050000	50	HA WF	1781050000	50	

to avoid lateral displacement of cover

<b>Marking tags</b>		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
 DEK	DEK 5 Standard	DEK 5	see "Accessories"	DEK 5	see "Accessories"	DEK 5	see "Accessories"	DEK 5	see "Accessories"	DEK 5	see "Accessories"	DEK 5	see "Accessories"
	WS 10/5 neutral	WS 10/5	1635000000	720	WS 10/5	1635000000	720	WS 10/5	1635000000	720	WS 10/5	1635000000	720
 WS	WS 12/5 neutral	WS 12/5	1609860000	720	WS 12/5	1609860000	720	WS 12/5	1609860000	720	WS 12/5	1609860000	720
	WS 15/5 neutral	WS 15/5	1609880000	480	WS 15/5	1609880000	480	WS 15/5	1609880000	480	WS 15/5	1609880000	480
	WS 10/6 neutral	WS 10/6	1060960000	200	WS 10/6	1060960000	200	WS 10/6	1060960000	200	WS 10/6	1060960000	200
	DEK 6	DEK 6	see "Accessories"	DEK 6	see "Accessories"	DEK 6	see "Accessories"	DEK 6	see "Accessories"	DEK 6	see "Accessories"	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

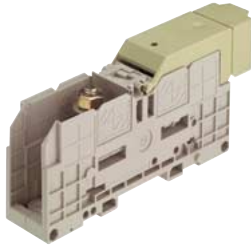


Dimensions		WF 6/2 BZ	WF 8/2 BZ	WF 10/2 BZ							
Width/length/height with TS 35 x 7	mm	19.6 / 67 / 56	24.6 / 67 / 65	35.6 / 67 / 74							
Pitch with partition	mm	18	23	34							
Stud size		M6	M8	M10							
Rated data											
Rated voltage/current/cross-section <sup>1)</sup>		1000 V <sup>1)</sup> / 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.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		Dark beige Wemid	WF 6/2 BZ	<b>1789770000</b>	25	WF 8/2 BZ	<b>1789780000</b>	25	WF 10/2 BZ	<b>1789790000</b>	20
Partition / Version		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
	Dark beige Wemid <sup>1)</sup>	WTW WF10/12	<b>1780890000</b>	20	WTW WF10/12	<b>1780890000</b>	20	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	WQL 2 WF 8	<b>1780990000</b>	5	WQL 2 WF 10	<b>1781010000</b>	5
	Standard 3-pole	WQL 3 WF 6	<b>1780980000</b>	5	WQL 3 WF 8	<b>1781000000</b>	5	WQL 3 WF 10	<b>1781020000</b>	5	
	Special 2-pole <sup>3)</sup>							WQL 2 WF 6-10 2BZ	<b>1801430000</b>	5	
	Special 2-pole <sup>4)</sup>							WQL 2 WF 6-10 2BZ/QV	<b>1801440000</b>	5	
Prof. material for cover		1000 mm	ADP WF10/WF12	<b>1780930000</b>	10	ADP WF10/WF12	<b>1780930000</b>	10	ADP WF10/WF12	<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
	to avoid lateral displacement of cover										
Marking tags		DEK 5 FW/FS...	DEK 5	see "Accessories"		DEK 5	see "Accessories"		DEK 5	see "Accessories"	
	WS 10/5 neutral	WS 10/5	<b>1635000000</b>	720	WS 10/5	<b>1635000000</b>	720	WS 10/5	<b>1635000000</b>	720	
	WS 12/5 neutral	WS 12/5	<b>1609860000</b>	720	WS 12/5	<b>1609860000</b>	720	WS 12/5	<b>1609860000</b>	720	
	WS 15/5 neutral	WS 15/5	<b>1609880000</b>	480	WS 15/5	<b>1609880000</b>	480	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 ≤ 31 mm

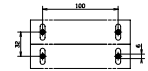
# Stud terminals



## WFF 35



## WFF 70



Max. technical data

### Dimensions / approvals

Width/length/height (mm)	without WAH	27/107/54
Width/length/height (mm)	with WAH	27/136/60
Stud size	M	6

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

Rated voltage/current/cross-section	1000 V/125 A/35 mm <sup>2</sup>
Rated impulse voltage/pollution severity	8 kV/3

### Further technical data

Tightening torque range	Nm	3.0...6.0
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### Clampable conductors

Cable lug acc. to DIN 46 235	mm <sup>2</sup>	6...25
Cable lug acc. to DIN 46 234	mm <sup>2</sup>	2.5...50
2 x cable lug acc. to DIN 46 235	mm <sup>2</sup>	6...25
2 x cable lug acc. to DIN 46 234	mm <sup>2</sup>	2.5...35
Strips	mm	3 x 13 x 0.5
Strips	mm	6 x 13 x 0.5
Strips	mm	2 x 15.5 x 0.8

Max. connect. area in mm <sup>2</sup> , gauge for flat conn. to EN 50043	Size	2.08...50	C 4
Cont. current of cross-connect. 2-pole	A	135	
Cont. current of cross-connect. 3-pole	A	135	

### UL/CSA rated data

Voltage/current/conductor size	UL	1000 V/115 A/14...2 AWG
Voltage/current/conductor size	CSA	600 V/130 A/14...2 AWG

### Ordering data

Version	Type	Cat. No.	Qty.
Dark beige Wemid	WFF 35	1028300000	10
Blue Wemid	WFF 35	1028380000	10
with covers	Dark beige Wemid	WFF 35	1029300000
	Dark beige Wemid	WFF 35	1029300000

### Partition (thickness 2 mm)



### Cross-connection

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

### Auxiliary/control conductor terminal

WZAF 35	(up to 4 mm <sup>2</sup> , 32 A)	WZAF 35	1070500000	10
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### Cover

Beige PA 66	WAH 35	1064460000	20
Blue PA 66	WAH 35 BL	1064480000	20
Light green PA 66	WAH 35 HG	1064450000	20
	WAP <sup>1)</sup>	1069700000	20

### Danger sign

	Yellow, self-adhesive, with lightning flash, can be stuck to WAH only	WD 1	1563900000	5
		Qty. = 5 cards with 6 labels each		

### Fixing screw/Screwdriver

	For direct fitting	M 6 x 16 <sup>2)</sup>	1063700000	20
	Screwdriver	SDI	9008410000	1

### Cupal washers

	For aluminium conductors	CPSB M 6	0156200000	50
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### Marking tags

	DEK	Standard	DEK 5	see "Accessories"
	WS white	neutral	WS 12/6.5	1609920000
	WS	indiv. printed	WS 12/6.5	1609930000

### 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

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

### Dimensions / approvals

Width/length/height (mm)	32/132/63
Width/length/height (mm)	32/179/71.5
Stud size	8

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

Rated voltage/current/cross-section	1000 V/192 A/70 mm <sup>2</sup>
Rated impulse voltage/pollution severity	8 kV/3

### Further technical data

Tightening torque range	Nm	6.0...12
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### Clampable conductors

Cable lug acc. to DIN 46 235	mm <sup>2</sup>	16...70
Cable lug acc. to DIN 46 234	mm <sup>2</sup>	2.5...120
2 x cable lug acc. to DIN 46 235	mm <sup>2</sup>	16...70
2 x cable lug acc. to DIN 46 234	mm <sup>2</sup>	2.5...70
Strips	mm	2 x 15.5 x 0.8
Strips	mm	4 x 15.5 x 0.8
Strips	mm	6 x 15.5 x 0.8

Max. connect. area in mm <sup>2</sup> , gauge for flat conn. to EN 50043	Size	2.08...120	C 6
Cont. current of cross-connect. 2-pole	A	207	
Cont. current of cross-connect. 3-pole	A	207	

### UL/CSA rated data

Voltage/current/conductor size	UL	1000 V/175 A/14...2/0 AWG
Voltage/current/conductor size	CSA	600 V/170 A/14...2/0 AWG

Version	Type	Cat. No.	Qty.
Dark beige Wemid	WFF 70	1028400000	10
Blue Wemid	WFF 70	1028480000	10
with covers	Dark beige Wemid	WFF 70	1029400000
	Dark beige Wemid	WFF 70	1029400000

Type	Cat. No.	Qty.
WTW WFF 35	1067100000	10
WTW WFF 70	1067200000	10

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

WZAF 70	(up to 4 mm <sup>2</sup> , 32 A)	WZAF 70	1066200000	10
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Beige PA 66	WAH 70	1064560000	20
Blue PA 66	WAH 70 BL	1064580000	20
Light green PA 66	WAH 70 HG	1064550000	20
	WAP <sup>1)</sup>	1069800000	20

	Yellow, self-adhesive, with lightning flash, can be stuck to WAH only	WD 1	1563900000	5
		Qty. = 5 cards with 6 labels each		

	For direct fitting	M 6x16 <sup>2)</sup>	1063700000	20
	Screwdriver	SDI	9008410000	1

	For aluminium conductors	CPSB M 8	0156300000	50
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DEK	Standard	DEK 5	see "Accessories"
WS white	neutral	WS 12/6.5	1609920000
WS indiv. printed		WS 12/6.5	1609930000

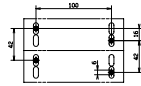
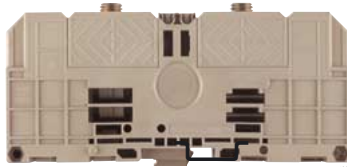
### Mounting rails, end brackets, further marking materials see "Accessories"

**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

Type	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
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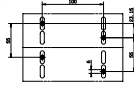
Qty. = 5 cards with 6 labels each

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

Type	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
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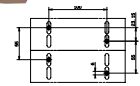
Qty. = 5 cards with 6 labels each

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

Type	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
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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

### 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>	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...2.5
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>	0.5...2.5 <sup>3)</sup>
AWG conductor	Nr.	26...12
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1 Size		0.13...4 A 3

### Ordering data

Green/yellow Wemid

### Support block<sup>1)</sup>

### Marking tags

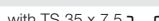


DEK

Print  
 Standard  
 WS White neutral  
 WS indiv. printed

## Standard design

### 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>	1.5...16
Stranded H07V-R	mm <sup>2</sup>	1.5...16 (16 mm with 2.4 Nm)
Flexible H07V-K	mm <sup>2</sup>	1.5...16
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>	1.5...16
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>	1.5...16
AWG conductor	Nr.	16...8
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1 Size		1.31...16 B 6

### Ordering data

Green/yellow Wemid  
 Green/yellow Wemid

### Support block<sup>1)</sup>

### Bridge<sup>2)</sup>

### Marking tags



DEK

Print  
 Standard  
 WS White neutral  
 WS indiv. printed

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

## WPE 2.5



### UL IEC 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

## WPE 4



### UL IEC 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

## WPE 6



### UL IEC 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

## WPE 10



### UL IEC 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	
14...6	
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

## WPE 16



### UL IEC 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

## WPE 35



### UL IEC 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	
	<b>Print</b>
DEK	Standard
WS White	neutral
WS	indiv. printed

### WPE 1.5/ZZ



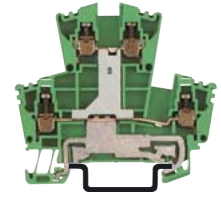
Dimensions / approvals	
Width/length/height (mm)	5/60/47
Insulation stripping length/clamping screw/screwdriver blade	
<b>Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2</b>	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
Further 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	
	<b>Print</b>
DEK	Standard
WS White	neutral
WS	indiv. printed

### WPE 2.5/1.5/ZR



Dimensions / approvals	
Width/length/height (mm)	5/60/47
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	
	<b>Print</b>
DEK	Standard
WS White	neutral
WS	indiv. printed

### WDK 2.5 PE WDK 2.5 DU-PE



Dimensions / approvals	
Width/length/height (mm)	5/69/63
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	
	<b>Print</b>
DEK	Standard
WS White	neutral
WS	indiv. printed

## Standard design

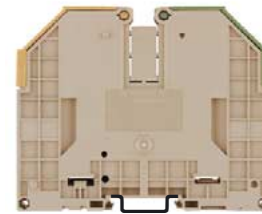
Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
<b>Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2</b>	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
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	
	<b>Print</b>
DEK	Standard
WS White	neutral
WS	indiv. printed

### WPE 10 ZR



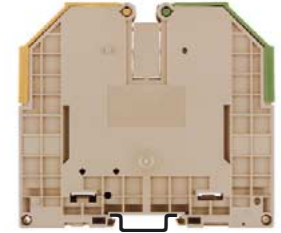
Dimensions / approvals	
Width/length/height (mm)	10/70/49.5
Insulation stripping length/clamping screw/screwdriver blade	
<b>Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2</b>	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
Further 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	
	<b>Print</b>
DEK	Standard
WS White	neutral
WS	indiv. printed

### WPE 70/95



Dimensions / approvals	
Width/length/height (mm)	27/132/115.5 (with TS 35 x 15)
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	
	<b>Print</b>
DEK	Standard
WS White	neutral
WS	indiv. printed

### WPE 120





Dimensions / approvals	
Width/length/height (mm)	32/132/125.5 (with TS 35 x 15)
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	
	<b>Print</b>
DEK	Standard
WS White	neutral
WS	indiv. printed

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

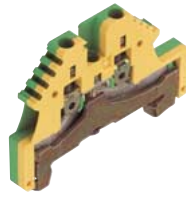
4) TS 35x15 Cu, Cat. No. 0270100000






# 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	
<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 Standard
	WS White neutral
	WS indiv. printed
Print	

## WPE 2.5N





UL     LR 		
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>5)</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

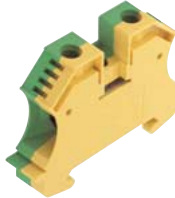





6/44/38.5		
10 mm/M 3/3.5 x 0.6		
- V/- A/4 mm <sup>2</sup>		
6 kV/3		
0.5...1.0		
2		
0.5...6		
1.5...6		
0.5...4		
0.5...4		
0.5...4		
0.13...6	A 3	
Type	Cat. No.	Qty.
WPE 4N	1042700000	100
SH 2 0494920000 10		
DEK 6 see "Accessories"		
WS 12/6	1609900000	720
WS 12/6	1609910000	30

## 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	
<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 Standard
	WS White neutral
	WS indiv. printed
Print	



## WPE 16N



UL   		
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		
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



UL  		
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



UL  		
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>5)</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

1) For insul. arrangement of mount. rails in totally insul. installations  
 2) Insertable bridge in a TN C distribution network between N terminal (WDU blue) and PE terminal (WPE)

3) WPE 35 and WPE 70N for TS 35 x 15 Cu Cat. No. 0270100000

4) For preparing PEN bridges and using WQV 16 N, route the N conductor-in-feed between PE and phase.  
 5) 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

### 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

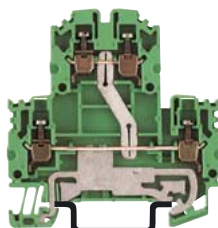
DEK Standard

WS White neutral

WS indiv. printed

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

### 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

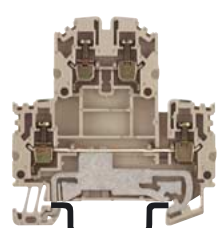
SH 2 0494920000 10

DEK 5 see “Accessories”

WS 8/5 1640740000 720

WS 8/5 1773360000 300

### 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

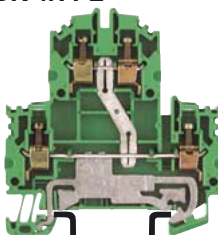
SH 2 0494920000 10

DEK 5 see “Accessories”

WS 8/5 1640740000 720

WS 8/5 1773360000 300

### 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 A3

Type Cat. No. Qty.

WDK 4N PE 1041920000 100

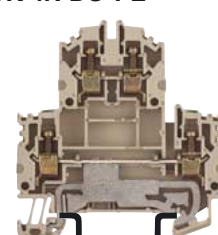
SH 2 0494920000 10

DEK 5 see “Accessories”

WS 8/5 1640740000 720

WS 8/5 1773360000 300

### 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

DEK 5 see “Accessories”

WS 8/5 1640740000 720

WS 8/5 1773360000 300

<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

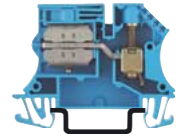
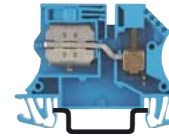
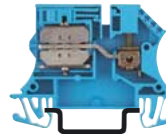
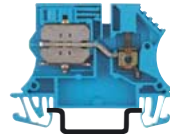
# Neutral disconnect terminals

## WNT 2.5

## WNT 4

## WNT 6

## WNT 10



Max. technical data

<b>Dimensions / approvals</b>	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
<b>VDE rated data 0611 Part 5</b>	
Rated voltage/current/cross-section	
Rated voltage/impulse voltage/pollution severity	
<b>Further technical data</b>	
Tightening torque range clamping screw / N disconnect	Nm
Torque setting with DMS 2 electric screwdriver	
<b>Clampable conductors</b>	
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
<b>UL/CSA rated data</b>	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
<b>Ordering data</b>	
For busbar 10 x 3	Blue Wemid
For busbar 10 x 3 as PA disconnect	Dark beige Wemid (VDE 0107)

	WNT 2.5	WNT 4	WNT 6	WNT 10
Max. technical data	32 A/4 mm <sup>2</sup>	41 A/6 mm <sup>2</sup>	57 A/10 mm <sup>2</sup>	76A/16 mm <sup>2</sup>
Dimensions / approvals	5/60/47	6/60/47	8/60/47	10/60/47
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 2.5/3.5 x 0.6	10 mm/M 3/3.5 x 0.6	12 mm/M 3.5/4.0 x 0.8	12 mm/M 4/5.5 x 1.0
VDE rated data 0611 Part 5				
Rated voltage/current/cross-section	400 V/24 A/2.5 mm <sup>2</sup>	400 V/32 A/4 mm <sup>2</sup>	400 V/41 A/6 mm <sup>2</sup>	400 V/57 A/10 mm <sup>2</sup>
Rated voltage/impulse voltage/pollution severity	400 V/6 kV/3	400 V/6 kV/3	400 V/6 kV/3	400 V/6 kV/3
Further technical data				
Tightening torque range clamping screw / N disconnect	0.4...0.6 / 0.4...0.6	0.5...1.0 / 0.4...0.8	0.8...1.2 / 0.8...1.6	1.2...2.0 / 0.8...1.6
Torque setting with DMS 2 electric screwdriver	1	2	3	4
Clampable conductors				
Solid H07V-U	0.5...4	0.5...6	0.5...10	1.5...16
Stranded H07V-R	1.5...4	1.5...6	1.5...10	1.5...16 (16 mm <sup>2</sup> w. 2.4 Nm)
Flexible H07V-K	0.5...4	0.5...6	0.5...10	1.5...16
Flexible H07V-K and ferrule acc. to DIN 46 228/1	0.5...2.5	0.5...4	0.5...6	1.5...16
Flexible H07V-K and ferrules with plastic insul. collar	0.5...(2.5)	0.5...4	0.5...6	1.5...16
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1	0.13...4 A 3	0.13...6 A 4	0.5...10 A 5	1.31...16 B 6
Cont. current of cross-connect. 2-pole				
Cont. current of cross-connect. multi-pole				
UL/CSA rated data				
Voltage/current/conductor size	600 V/25 A/22...12 AWG	600 V/35 A/22...10 AWG	600 V/45 A/20...8 AWG	600 V/60 A/16...8 AWG
Voltage/current/conductor size	600 V/20 A/26...12 AWG	600 V/35 A/26...10 AWG	600 V/45 A/20...8 AWG	600 V/65 A/16...6 AWG
Ordering data				
For busbar 10 x 3	Blue Wemid	Blue Wemid	Blue Wemid	Blue Wemid
For busbar 10 x 3 as PA disconnect	Dark beige Wemid (VDE 0107)	Dark beige Wemid (VDE 0107)	Dark beige Wemid (VDE 0107)	Dark beige Wemid (VDE 0107)

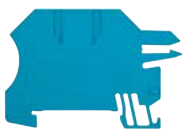
### End plate



Thickness 1.5 mm  
Blue Wemid  
Dark beige Wemid

Type	Cat. No.	Qty.
WAP 2.5-10	1050080000	50
WAP 2.5-10	1050000000	50

### Support plate



for SSch 10 x 3  
Blue Wemid  
Dark beige Wemid  
Thickness 1.5 mm  
Distance WHP-WHP max. 200mm

Type	Cat. No.	Qty.
WHP 2.5-10	1050280000	20
WHP 2.5-10	1050200000	20

### Busbar 10 x 3

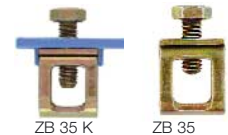
Distance f. upper edge busbar to upper edge of TS 35 = 25.5 mm



Cu 140 A

Type	Cat. No.	Qty.
SSch 10 x 3 Cu	0348900000	1 m

### 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

Type	Cat. No.	Qty.
ZB 35 K	0502680000	20
ZB 35	0266500000	20

### Test plug



Type	Cat. No.	Qty.
PS 2.3	0180400000	20

### End bracket

Type	Cat. No.	Qty.
WEW 35 / 2	1061200000	50

### Bridge on the external side

Cross-section of connection is reduced by one level

### Marking tags



DEK Standard  
WS White neutral  
WS indiv. printed

Type	Cat. No.	Qty.
DEK 5	see "Accessories"	
WS 12/5	1609860000	720
WS 12/5	1773380000	300

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

) Ferrules with opt. diameter for terminals with pitch of 5mm: Cat. No. 1333100000

# Neutral disconnect terminals

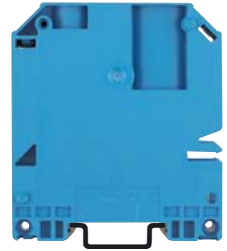
## WNT 16N



## WNT 35N




## WNT 70N



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 Version 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 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	B 7

- / -

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	
2.5...35	B 9

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

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	B 11
600 V/175 A/6...2/0 AWG	

Type	Cat. No.	Qty.
WNT 16N	101900000	50

Type	Cat. No.	Qty.
WNT 35N	1718550000	20

Type	Cat. No.	Qty.
WNT 70N	9512210000	10

WHP 2.5-10	1050280000	20
WHP 2.5-10	1050200000	20

WHP 2.5-10	1050280000	20
WHP 2.5-10	1050200000	20

WHP 2.5-10	1050280000	20
WHP 2.5-10	1050200000	20

SSch 10 x 3 Cu	0348900000	1 m
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SSch 10 x 3 Cu	0348900000	1 m
----------------	------------	-----

SSch 10 x 3 Cu	0348900000	1 m
----------------	------------	-----

ZB 35 K	0502680000	20
ZB 35	0266500000	20

ZB 35 K	0502680000	20
ZB 35	0266500000	20

ZB 35 K	0502680000	20
ZB 35	0266500000	20

PS 2.3	0180400000	20
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PS 2.3	0180400000	20
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PS 4	0299600000	20
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WEW 35 / 2	1061200000	50
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WEW 35 / 2	1061200000	50
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WEW 35 / 2	1061200000	50
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WQB-PEN 16N	1079600000	10
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WQB-PEN 35N	1079500000	10
-------------	------------	----

WQB-PEN 70N	1079700000	10
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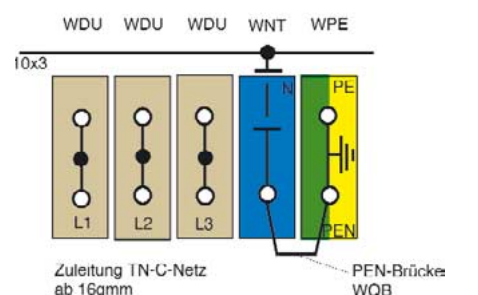
DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

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

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



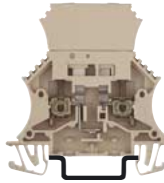




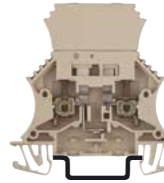
# Disconnect test terminals



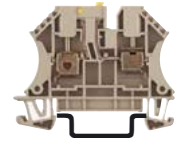
## WTR 2.5 D with diode plug



## WTR 2.5 D with StB with diode plug and test socket screw 2.3



## WTR 4



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	WAP (thickness 1.5 mm)
	Dark beige Wemid
	Blue Wemid
	WTW Dark beige Wemid

Cross-connection / test plug	
QL 2-10	
PS	
Cross-connection plug (2-pole, ø 2.3) VQB	
Screening bar LS 2.8	

Notching tool for cross-connections	
To notch the punch-out in the terminal support	

Screwdriver	
SDIZ	

Fuse holder		for 5x20 SIHA	
SIHA 1/G 20	400 V AD/DC		
WTR 2.5 D	10-36 V AD/DC		
	35-70 V AD/DC		
SIHA 2/G 20	60-150 V AD/DC		
WTR 4	140-250 V AD/DC		

Diode plug <sup>3)</sup>		(up to 250 V)	
	+ -		
	- +		
	With wire link		
	Without special components		

Marking tags		Print	
DEK	Standard	DEK 5	see "Accessories"
WS White	neutral	WS 12/5	1609860000 720
WS	indiv. printed	WS 12/5	1773380000 300

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

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	A 3	
26		
300 V/10 A/22...12 AWG		
300 V/10 A/26...12 AWG		
	Cat. No.	Qty.
	1013500000	25
	1013600000	25
With wire link	1013700000	25

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10 BL	1050080000	50
WTW 2.5-10	1050100000	20
QL 2	0215800000	100
QL 3	0215900000	100
QL 4	0216000000	50
QL 10	0338000000	20
BS-M 2.5x4.5	1062700000	100
PS 2.3(ø 2.3)	0180400000	20
PS 2.0(ø 2.0)	0293800000	20
LS 2.8	1056400000	50
WQB B/24	1579060000	20
WAW 2	9004510000	1
SDIZ	9008450000	1
without LED		Qty.
9537550000		25
	9537560000	25
	9537570000	25
	9537580000	25
	9537590000	25
WSD 2.5	1058460000	25
WSD 2.5	1058560000	25
WSD 2.5	1058660000	25
WSD 2.5	1058760000	25

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	A 3	
26		
300 V/10 A/22...12 AWG		
300 V/10 A/26...12 AWG		
	Cat. No.	Qty.
	1013200000	25
	1013300000	25
With wire link	1013400000	25

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10 BL	1050080000	50
WTW 2.5-10	1050100000	20
QL 2	0215800000	100
QL 3	0215900000	100
QL 4	0216000000	50
QL 10	0338000000	20
BS-M 2.5x4.5	1062700000	100
PS 2.3(ø 2.3)	0180400000	20
PS 2.0(ø 2.0)	0293800000	20
LS 2.8	1056400000	50
WQB B/24	1579060000	20
WAW 2	9004510000	1
SDIZ	9008450000	1
without LED		Qty.
9537550000		25
	9537560000	25
	9537570000	25
	9537580000	25
	9537590000	25
WSD 2.5	1058460000	25
WSD 2.5	1058560000	25
WSD 2.5	1058660000	25
WSD 2.5	1058760000	25

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	A 4	
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		
	Cat. No.	Qty.
with StB	7910210000	50
without StB	7910180000	50
with StB	7910220000	50
without StB	7910190000	50

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10 BL	1050080000	50
WTW 2.5-10	1050100000	20
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
QB75/6.2/15	0535200000	10
ISPFQB75 SW	0526700000	10
ISPF QB75 BL	0526780000	10
ISPFQB75 RT	0526760000	10
PS 2.3(ø 2.3)	0180400000	20
SDIZ	9008450000	1
without LED		Qty.
9537600000		25
	9537610000	25
	9537620000	25
	9537630000	25
	9537640000	25
WSD 2.5	1058460000	25
WSD 2.5	1058560000	25
WSD 2.5	1058660000	25
WSD 2.5	1058760000	25

DEK 6	see "Accessories"
WS 12/6	1609900000 600
WS 12/6	1609910000 120

<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> Rated current is limited to 1 A, if a diode plug with soldered diode is used

