

Protective conductor terminal blocks

WPE 2.5 N

WPE 1.5/ZZ

WPE 2.5

WPE 2.5/1.5/ZR



Dimensions

Width/length/height (mm)	With TS 35 x 7,5
Insulation stripping length/clamping screw	
VDE rated data, 0611, Part 3/11.89	
Rated voltage / current for PEN / cross-section	
Rated insulation voltage VDE 0110/2.79 / insul. group C	V AC
Rated voltage/impulse voltage VDE0110/1.89/pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS2 electric screwdriver	
Clampable conductor	
.e" solid H07V-U	mm ²
.m" stranded H07V-R	mm ²
.f" flexible H07V-K	mm ²
.f" flexible H07V-K and AEH DIN 46 228/1	mm ²
.f" flexible H07V-K and AEH with plastic insul. collar	mm ²
AWG conductor	No.
Gauge pin to 947-1	Size

5/54/37,5
10 mm/M 2,5/3,5 x 0,6
- V/- A/1,5 mm ²
500
500 V/6 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
26...12
A 3

5/60/47
7 mm/M 2,5/3,5 x 0,6
- V/- A/1,5 mm ²
500
690 V/8 kV/3
0,4...0,7
1/1
0,5...2,5
1,5...2,5
0,5...1,5
0,5...1,5
0,5...1,5
26...14
A 1

5/60/47
10 mm/M 2,5/3,5 x 0,6
- V/- A/2,5 mm ²
750
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
26...12
A 3

5/60/47
10/7 mm/M 2,5/3,5 x 0,6
- V/- A/2,5/1,5 mm ²
500
690 V/8 kV/3
0,4...0,7
1/1
0,5...4/2,5
1,5...4/2,5
0,5...4/1,5
0,5...2,5/1,5
0,5...2,5/1,5
26...12/14
A 3/A 1

Ordering data	Version		Cat. No.	Qty.
	Green/yellow Wemid		101620	100
Support block¹⁾		Type	Cat. No.	Qty.
		SH 2	049492	10
Marking tags	Print			
	Consecutive horizontal	FW 5	047346	-
	Consecutive vertical	FS 5	047356	-

	Cat. No.	Qty.
	101650	100
Type	Cat. No.	Qty.
SH 2	049492	10
FW 5	047346	-
FS 5	047356	-

	Cat. No.	Qty.
	101000	100
Type	Cat. No.	Qty.
SH 2	049492	10
FW 5	047346	-
FS 5	047356	-

	Cat. No.	Qty.
	101640	100
Type	Cat. No.	Qty.
SH 2	049492	10
FW 5	047346	-
FS 5	047356	-

	Cat. No.	Qty.
	101640	100
Type	Cat. No.	Qty.
SH 2	049492	10
FW 5	047346	-
FS 5	047356	-

WPE 10

WPE 16N

WPE 16

WPE 35



Dimensions

Width/length/height (mm)	With TS 35 x 7,5
Insulation stripping length/clamping screw	
VDE rated data, 0611, Part 3/11.89	
Rated voltage / current for PEN / cross-section	
Rated insulation voltage VDE 0110/2.79 / insul. group C	V AC
Rated voltage/impulse voltage VDE0110/1.89/pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS2 electric screwdriver	
Clampable conductor	
.e" solid H07V-U	mm ²
.m" stranded H07V-R	mm ²
.f" flexible H07V-K	mm ²
.f" flexible H07V-K and AEH DIN 46 228/1	mm ²
.f" flexible H07V-K and AEH with plastic insul. collar	mm ²
AWG conductor	No.
Gauge pin to 947-1	Size

10/60/47
12 mm/M 4/5,5 x 1,0
- V/57 A/10 mm ²
750
800 V/8 kV/3
1,2...2,4/0,5...1,0*
3/2
1,5...16
1,5...16
1,5...16
1,5...16
1,5...16
16...8
B 6

12/60/47
12 mm/M 4/5,5 x 1,0
- V/76 A/16 mm ²
380
400 V/6 kV/3
1,2...2,4/0,5...1,0*
-/4
1,5...16
1,5...25
1,5...16
1,5...16
1,5...16
14...6
B 7

12/60/63
16 mm/M 5/5,5 x 1,0
- V/76 A/16 mm ²
750
800 V/8 kV/3
2,0...4,0/1,2...2,4*
-/4
1,5...16
1,5...16
1,5...16
1,5...16
14...6
B 7

16/60/63
18 mm/M 6/5,5 x 1,0
- V/125 A/35 mm ²
750
800 V/8 kV/3
2,5...5,0/1,2...2,4*
-/4
2,5...16
2,5...35
2,5...35
2,5...35
12...2
B 9

Ordering data	Version		Cat. No.	Qty.
	Green/yellow Wemid		101030	50
Support block¹⁾		Type	Cat. No.	Qty.
		SH 2	049492	10
Link²⁾		External		
		WQB-PEN 10	106030	10
Marking tags	Print			
	Consecutive horizontal	FW 8	127696	-
	Consecutive vertical	FS 8	128966	-

	Cat. No.	Qty.
	101910³⁾	50
Type	Cat. No.	Qty.
SH 2	049492	10
Internal		
WQV 16N-PEN	107136⁴⁾	10
FW 8	127696	-
FS 8	128966	-

	Cat. No.	Qty.
	101040	50
Type	Cat. No.	Qty.
SH 2	049492	10
External		
WQB-PEN 16	106020	10
FW 8	127696	-
FS 8	128966	-

	Cat. No.	Qty.
	101050	25
Type	Cat. No.	Qty.
SH 2	049492	10
External		
WQB-PEN 35	106010	10
FW 8	127696	-
FS 8	128966	-

	Cat. No.	Qty.
	101260	25
Type	Cat. No.	Qty.
SH 2	049492	10
External		
WQB-PEN 35	106010	10
FW 8	127696	-
FS 8	128966	-

See Section 5 for mounting rails, end brackets, additional marking material and accessories

1) For insulated arrangement of mounting rails in totally insulated systems

2) Insertable link in a TN C distribution network between N terminal (WDU blue) and PE terminal (WPE)
3) Yellow side open, see fitting note, page 1/5

4) For PEN link in conjunction with WQV 16 N, connect neutral conductor between PE and phase.

WDK 2.5 PE



5/69/63
10 mm/M 2,5/3,5 x 0,6
- V/- A/2,5 mm ²
380
400 V/6 kV/3
0,4...0,7
1/1
0,5...4
1,5...4
0,5...2,5
0,5...2,5
0,5...2,5
22...12
A 3

	Cat. No.	Qty.
	103630	100
Type	Cat. No.	Qty.
SH 2	049492	10
FW 5	047346	-
FS 5	047356	-

WDK 2.5 DU-PE**



5/69/63
10 mm/M 2,5/3,5 x 0,6
- V/- A/2,5 mm ²
380
400 V/6 kV/3
0,4...0,7
1/1
0,5...4
1,5...4
0,5...2,5
0,5...2,5
0,5...2,5
22...12
A 3

	Cat. No.	Qty.
	103640	100
Type	Cat. No.	Qty.
SH 2	049492	10
FW 5	047346	-
FS 5	047356	-

WPE 4



6/60/47
10 mm/M 3/3,5 x 0,6
- V/- A/4 mm ²
750
800 V/8 kV/3
0,5...1,0/0,5...1,0*
1/1
0,5...6
1,5...6
0,5...6
0,5...4
0,5...4
26...10
A 4

	Cat. No.	Qty.
	101010	100
Type	Cat. No.	Qty.
SH 2	049492	10
FW 6	046866	-
FS 6	046876	-

WPE 6



8/60/47
12 mm/M 3,5/4,0 x 0,8
- V/- A/6 mm ²
750
800 V/8 kV/3
0,8...1,6/0,5...1,0*
3/2
0,5...6
1,5...6
0,5...10
0,5...6
0,5...6
26...8
A 5

	Cat. No.	Qty.
	101020	100
Type	Cat. No.	Qty.
SH 2	049492	10
FW 8	127696	-
FS 8	128966	-

WPE 70N



20,5/75/86
22 mm/M 8/S 6 DIN 6911
- V/192 A/70 mm ²
1000
1000 V/8 kV/3
6,0...12/2,0...4,0*
10...16
10...95
10...70
10...70
10...70
8...2/0
B 11

	Cu only	Cat. No.	Qty.
		951220	10
Type	Cat. No.	Qty.	
SH 2	049492	10	
Internal			
WQV 70N-PEN	952584	5	
FW 8	127696	-	
FS 8	128966	-	

WPE 70/95



27/132/108
30 mm/M 8/S 6 DIN 6911
- V/232 A/95 mm ²
1000
1000 V/8 kV/3
6,0...12/3,0...6,0*
16
16...120***
16...95***
35...95***
35...50
6...2/0
B 12

	Cu only	Cat. No.	Qty.
		103730	10
Type	Cat. No.	Qty.	
SH 2	049492	10	
Internal			
WQV 70/95-PEN	107230	5	
FW 5	047346	-	
FS 5	047356	-	

WPE 120



32/132/118
35 mm/M 10/S 6 DIN 6911
- V/269 A/120 mm ²
1000
1000 V/8 kV/3
10...20/3,0...6,0*
-
35...150
35...150
-
-
2...MCM 250
B 13

	Cu only	Cat. No.	Qty.
		101970	10
Type	Cat. No.	Qty.	
SH 2	049492	10	
Internal			
WQV 120-PEN	107240	5	
FW 5	047346	-	
FS 5	047356	-	

* Applies to middle screw

*** Using 95 and 120 mm² with 10 Nm tightening torque