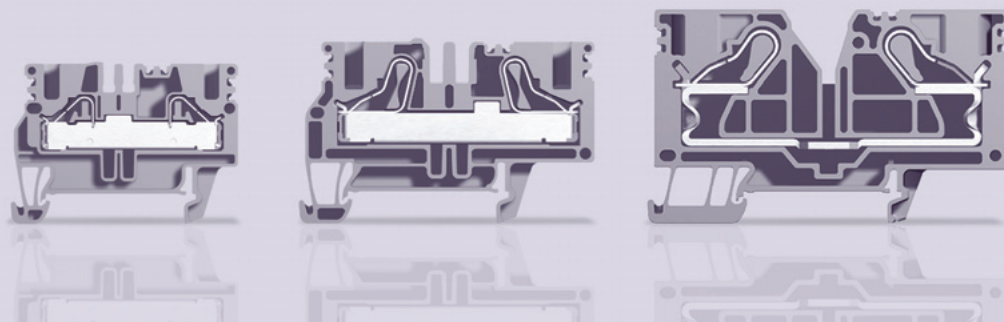




Terminal blocks with Push In connection technology

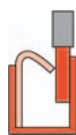


Product Information

Terminal blocks with Push In connection technology

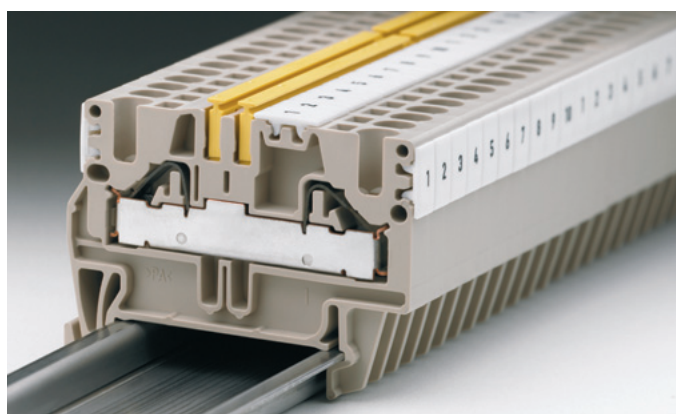
Overview	4
Feed-through terminals	6
Feed-through PE terminals	9
Dual-level terminals	12
Dual-level PE terminals	14
Dual-level terminals PDL 4	15
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Terminal blocks with Push In connection technology (P-Series)



“Less is more”

With the P-Series, Weidmüller is presenting a new generation of terminals that offers several unique benefits in one product family. The “Push In” technology along with the ability to reduce terminals required from five to three to perform the same function is the hallmark of this technology. Until now, efficient wiring up to 16 mm² (6 AWG) had to be done by using five terminals. With the P-Series terminals, PDU 2.5/4, PDU 6/10 and PDU 16, the same can be accomplished with three. The innovative product concept was made possible by dedicated detail engineering. Just 5.1 mm wide, the PDU 2.5/4 and the PDL 4 have the width of 2.5 mm² terminals available to date, however, with 30 A they have the rated current of a 4 mm² terminal. The data for the PDU 6/10 is: design width 8.1 mm and 44 A rated current; the PDU 16 has a design width of 12 mm with a rated current of 75 A. The P-Series of terminals now offer the customer the performance characteristics of the wider modules in a narrower housing.



Direct insertion – direct savings

Users of the Push In connection system are impressed by the faster wiring time that is also easy and safe. In comparison with tension clamp terminals, the time saved connecting wires is as much as 50% (3.5 seconds per wire). Once stripped of insulation, the solid core wire is simply inserted into the terminal point until it butts against the stop – done! No tools are needed to create a reliable, vibration-resistant and gas-proof connection. Not even flexible wires with crimped-on ferrules or ultrasonic bonded wires are a problem for this connection system.



View without housing side plate



Overview of products

	P-Series 2.5/4		P-Series 6/10		P-Series 16
Rated cross-section	2.5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²
Feed-through terminals					
2 connections	•	•	•	•	•
3 connections	•	•	•	•	
4 connections	•	•			
PE terminals					
2 connections	•	•	•	•	•
3 connections	•	•	•	•	
4 connections	•	•			
Double level terminals					
•	•	•			
Three-way/distribution terminals					
•	•	•			

1 The connection

The pressure spring for the conductor connection is held separately in the housing or alternatively by a functionally positioned conductor bar, which guarantees that Push In connection technology also separates mechanical and electrical functions.

- Direct insertion of solid core wires
- Direct insertion of flexible wires fitted with ferrules

2 Pluggable cross-connections

Pluggable ZQV cross-connections for rapid and uncomplicated electrical distribution.

- 2- to 10-pole or continuous for individual application needs
- Full rated current
- Contact elements can be broken off to bypass different terminals

3 Easy to use

The straightforward Push In technique considerably reduces wiring times for solid core as well as flexible conductors fitted with ferrules.

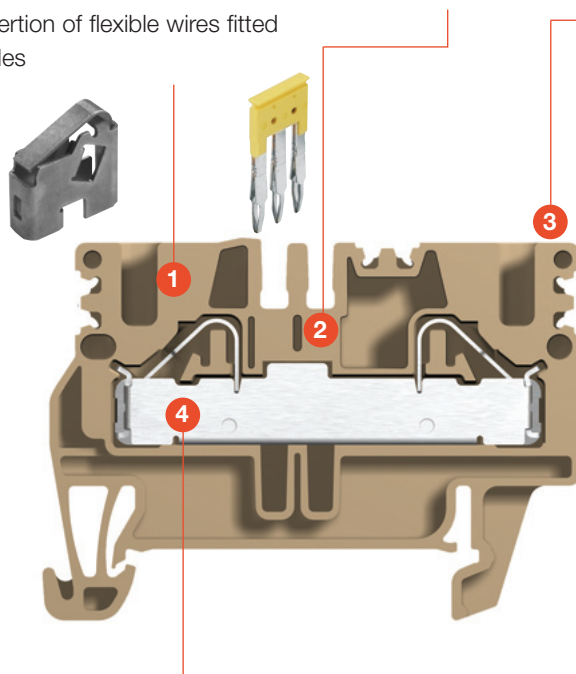
- No additional tools required
- Easy to use in confined installation situations
- TOP connection for conductor and spring operation

Wemid insulating material

- Non-tracking CTI 600
- Temperature resistant up to 120°C
- Flammability class VO to UL 94
- Halogen and silicone free flame retardants

Effective product program

High performance housed in a compact size is a distinguishing feature of the P-Series. That makes it eminently suitable to reduce the number of variants and in turn support efficient procurement and logistics management.



4 Safe and reliable contact

- The required long-term contact force conductor – busbar is provided by a stainless steel spring. Increased conductor pull-out forces in comparison with terminals with tension clamps.
- The busbar is made from copper with a tin alloy and forms a close contact with the wire. That guarantees minimal loss.

Safer to use

The Push In contact has been designed and developed to prevent many cases of improper use.

- Spring excursion is restricted by means of a **spring stop** (protects the spring). In conjunction with the plastic housing this defines exactly the position of the screwdriver.
- The **conductor stop** positions the end of the conductor in the terminal compartment. It supports the spring in the case of larger bending radii outside of the terminal and preserves the contact with the busbar.

Standards

Weidmüller guarantees the high level of contact safety and reliability through type tests in accordance with IEC 60947-7-1/2 as well as supplementary tests. In addition, product quality is subject to stringent tests in our quality control department (certified in accordance with DIN ISO 9002).

Feed-through terminals

PDU 2.5/4

4 mm²

PDU 2.5/4 3AN

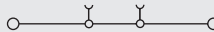
4 mm²



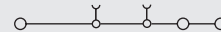
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

5.1 x 52 x 38
/ 6
0.13 ... 6



5.1 x 66 x 38
/ 6
0.13 ... 6



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26... 10	AWG 26... 10	
	8 / 3		
	/ V-0		

Rated connection	further connection
0.5...6	
0.5...4 / 0.5...4	
12 / 3.0 x 0.5	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26... 10	AWG 26... 10	
	8 / 3		
	/ V-0		

Rated connection	further connection
0.5...6	
0.5...4 / 0.5...4	
12 / 3.0 x 0.5	

Note

Ordering data

Version	
dark beige Wemid	
blue Wemid	
Note	

Type	Qty.	Order No.
PDU 2.5/4	100	1896110000
PDU 2.5/4 BL	50	1896230000

Type	Qty.	Order No.
PDU 2.5/4/3AN	100	1896120000
PDU 2.5/4/3AN BL	50	1896240000

Accessories

Cross-connection, pluggable	
2-pole	
3-pole	
4-pole	
10-pole	
20-/24-pole	

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/20	24	20	1908960000

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/20	24	20	1908960000

End plate / Partition plate	
dark beige Wemid	
blue Wemid	

width [mm]	
PAP 2.5/4	3 50

width [mm]	
PAP 2.5/4/3AN	3 50

End bracket	
dark beige Wemid	

width [mm]	
ZEW 35	6 20

width [mm]	
ZEW 35	6 20

Test adapter	
For testing wired terminal strips	Standard
	with spigot

width [mm]	
PTA PDU2.5/4	25
PTA ZA PDU2.5/4	25

width [mm]	
PTA PDU2.5/4	25
PTA ZA PDU2.5/4	25

Screwdrivers	
with cutting device "swifty set"	
Standard	

width [mm]	
SD 0.5x3.0x80	1

width [mm]	
SD 0.5x3.0x80	1

Reducing sleeves	
for conductors < 0.5 mm / AWG 20	
for conductors < 1.0 mm / AWG 18	

width [mm]	
PRH 2.5/4/1	100
PRH 2.5/4/2	100

width [mm]	
PRH 2.5/4/1	100
PRH 2.5/4/2	100

Cover	
with lightning flash symbol	
blank	

width [mm]	
PAD 2.5/4/4	80

width [mm]	
PAD 2.5/4/4	80

Labelling systems	
Marking tags	

width [mm]	
DEK 5 / WS 10/5	

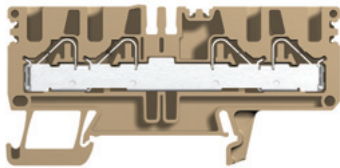
width [mm]	
DEK 5 / WS 10/5	

For detailed information on other accessories and applications see "Accessories"

Feed-through terminals

PDU 2.5/4 4AN

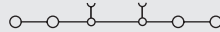
4 mm²



5.1 x 78 x 38

/ 6

0.13 ... 6



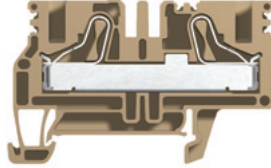
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26... 10	AWG 26... 10	
	8 / 3		
	/ V-0		

Rated connection	further connection
0.5...6	
0.5...4 / 0.5...4	
12 / 3.0 x 0.5	

PDU 6/10

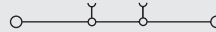
10 mm²



8.1 x 64 x 40

/ 10

1.5 ... 10



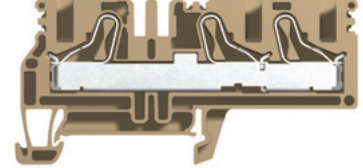
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	44	44	
10	AWG 14... 8	AWG 16... 8	
	8 / 3		
	/ V-0		

Rated connection	further connection
1.5...10	
1.5...10 / 1.5...10	
14 / 0.6 x 3.5	

PDU 6/10 3AN

10 mm²



8.1 x 82 x 40

/ 10

1.5 ... 10



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	44	44	
10	AWG 14... 8	AWG 16... 8	
	8 / 3		
	/ V-0		

Rated connection	further connection
1.5...10	
1.5...10 / 1.5...10	
14 / 0.6 x 3.5	

Type	Qty.	Order No.
PDU 2.5/4/4AN	100	1896130000
PDU 2.5/4/4AN BL	50	1896250000

Type	Qty.	Order No.
PDU 6/10	50	1896140000
PDU 6/10 BL	25	1896270000

Type	Qty.	Order No.
PDU 6/10/3AN	50	1896150000
PDU 6/10/3AN BL	50	1896280000

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/20	24	20	1908960000

width [mm]	Qty.	Order No.
PAP 2.5/4/4AN	3	1896320000

width [mm]	Qty.	Order No.
ZEW 35	6	9540000000

PTA PDU2.5/4	25	1916180000
PTA ZA PDU2.5/4	25	1916190000

SD 0.5x3.0x80	1	9008320000
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PRH 2.5/4/1	100	1916410000
PRH 2.5/4/2	100	1916400000

PAD 2.5/4/4	80	1916150000
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DEK 5 / WS 10/5

Type	Current [A]	Qty.	Order No.
ZQV 6N/2	60	60	1906210000
ZQV 6N/3	60	60	1906220000
ZQV 6N/4	60	60	1906230000
ZQV 6N/20	20	20	1906240000

width [mm]	Qty.	Order No.
PAP PDU6/10	3	1896330000

width [mm]	Qty.	Order No.
ZEW 35	6	9540000000

SD 0.5x3.0x80	1	9008320000
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PAD 6/10/4	80	1916160000
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WS 10/8 MC NEUTRAL

Type	Current [A]	Qty.	Order No.
ZQV 6N/2	60	60	1906210000
ZQV 6N/3	60	60	1906220000
ZQV 6N/4	60	60	1906230000
ZQV 6N/20	20	20	1906240000

width [mm]	Qty.	Order No.
PAP PDU6/10/3AN	3	1896340000

width [mm]	Qty.	Order No.
ZEW 35	6	9540000000

SD 0.5x3.0x80	1	9008320000
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PAD 6/10/4	80	1916160000
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WS 10/8 MC NEUTRAL

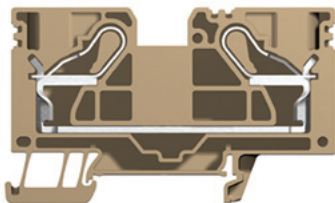
Feed-through terminals

PDU 16

16 mm²

PEI 16

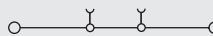
16 mm²



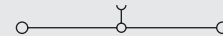
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

12 x 78 x 48
/ 16
2.5 ... 16



15 x 78 x 48
/ 16
2.5 ... 16



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

IEC	UL	CSA	EN 60079-7
800	600	600	
76	75	76	
16	AWG 14... 4	AWG 12... 5	
	8 / 3		
	/ V-0		

Rated connection	further connection
2.5...16	
2.5...16 / 2.5...16	
14 / 1.0 x 5.5	

IEC	UL	CSA	EN 60079-7
800	600	600	
76	75	76	
16	AWG 14... 4	AWG 12... 5	
	8 / 3		
	/ V-0		

Rated connection	further connection
2.5...16	
2.5...16 / 2.5...16	
14 / 1.0 x 5.5	

Note

Ordering data

Version	
dark beige Wemid	
blue Wemid	

Note

Type	Qty.	Order No.
PDU 16	25	1896400000
PDU 16 BL	10	1896220000

Type	Qty.	Order No.
PEI 16	25	1918780000
PEI 16 BL	25	1918790000

Terminal supplied with end plate.
 Separate end plate not required.

Accessories

Cross-connection, pluggable	
2-pole	
3-pole	
4-pole	
10-pole	
20-/24-pole	

End plate / Partition plate	
dark beige Wemid	
blue Wemid	

End bracket	
dark beige Wemid	

Test adapter	
For testing wired terminal strips	Standard
	with spigot

Screwdrivers	
with cutting device "swifty set"	
Standard	

Reducing sleeves	
for conductors < 0.5 mm / AWG 20	
for conductors < 1.0 mm / AWG 18	

Cover	
with lightning flash symbol	
blank	

Labelling systems	
Marking tags	

For detailed information on other accessories and applications see "Accessories"

Type	Current [A]	Qty.	Order No.
ZQV 16/2	76	25	1739690000

width [mm]	
PAP 16	3 10 1896290000

width [mm]	
ZEW 35	6 20 9540000000

width [mm]	
SD 1.0x5.5x150	1 9008350000

width [mm]	
PAD 16/4	80 1916170000

width [mm]	
WS 12/8 MC NEUTRAL	

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 6N/3		60	1906220000

width [mm]	
ZEW 35	6 20 9540000000

width [mm]	
SD 1.0x5.5x150	1 9008350000

width [mm]	
PAD 16/4	80 1916170000

width [mm]	
WS 12/8 MC NEUTRAL	

Feed-through PE terminals

PPE 2.5/4

4 mm²

PPE 2.5/4 3AN

4 mm²



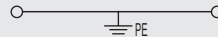
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

5.1 x 52 x 36

/ 6

0.13 ... 6



5.1 x 66 x 36

/ 6

0.13 ... 6



Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26... 10	AWG 26... 10	
800			
8			
	480 A (4 mm ²)		
	3		
	/ V-0		

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26... 10	AWG 26... 10	
800			
8			
	480 A (4 mm ²)		
	3		
	/ V-0		

Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -

Rated connection	further connection
0.5...6	
0.5...4 / 0.5...4	
12 / 3.0 x 0.5	

Rated connection	further connection
0.5...6	
0.5...4 / 0.5...4	
12 / 3.0 x 0.5	

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version
green/yellow Wemid

Type	Qty.	Order No.
PPE 2.5/4	50	1896170000

Type	Qty.	Order No.
PPE 2.5/4/3AN	50	1896200000

Note

Accessories

End plate
dark beige Wemid

Type	width [mm]	Qty.	Order No.
PAP 2.5/4	3	50	1896300000

Type	width [mm]	Qty.	Order No.
PAP 2.5/4/3AN	3	50	1896480000

End bracket
dark beige / beige

width [mm]		
ZEW 35	6	20
9540000000		

width [mm]			
ZEW 35	6	20	9540000000

Testing / Checking	
For testing wired terminal strips	Standard with spigot

Screwdrivers
with cutting device "swifty set"
Standard

Type	width [mm]	Qty.	Order No.
SD 0.5x3.0x80		1	9008320000

Type	width [mm]	Qty.	Order No.
SD 0.5x3.0x80		1	9008320000

Reducing sleeves			
	for conductors < 0.5 mm ² / < AWG 20		
	for conductors < 1.0 mm ² / < AWG 18		

Type	width [mm]	Qty.	Order No.
PRH 2.5/4/1		100	1916410000
PRH 2.5/4/2		100	1916400000

Type	width [mm]	Qty.	Order No.
PRH 2.5/4/1		100	1916410000
PRH 2.5/4/2		100	1916400000

PEN jumper
Inserted into TN-S distributor between N and PE terminals

Marking systems
Marking tags

Marking systems
DEK 5 / WS 10/5

Marking systems
DEK 5 / WS 10/5

For detailed information on other accessories and applications see "Accessories"

Feed-through PE terminals

PPE 2.5/4 4AN

4 mm²

PPE 6/10

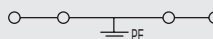
10 mm²



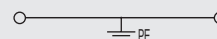
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

5.1 x 78 x 36
/ 6
0.13 ... 6



7.9 x 66 x 40
/ 10
1.5 ... 10



Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26... 10	AWG 26... 10	
800			
8			
	480 A (4 mm ²)		
	3		
	/ V-0		

Rated connection	further connection
0.5...6	
0.5...4 / 0.5...4	
12 / 3.0 x 0.5	

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IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 14... 8	AWG 16... 8	
800			
8			
	1200 A (10 mm ²)		
	3		
	/ V-0		

Rated connection	further connection
1.5...10	
1.5...10 / 1.5...10	
14 / 0.6 x 3.5	

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Ordering data

Version
green/yellow Wemid

Note

Type	Qty.	Order No.
PPE 2.5/4/4AN	50	1896160000

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Type	Qty.	Order No.
PPE 6/10	25	1896180000

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Accessories

End plate
dark beige Wemid

End bracket
dark beige / beige

Testing / Checking
For testing wired terminal strips
Standard with spigot

Screwdrivers
with cutting device "swiftly set"
Standard

Reducing sleeves
for conductors < 0.5 mm ² / < AWG 20
for conductors < 1.0 mm ² / < AWG 18

PEN jumper
Inserted into TN-S distributor between N and PE terminals

Marking systems
Marking tags

For detailed information on other accessories and applications see "Accessories"

Type	width [mm]	Qty.	Order No.
PAP 2.5/4/4AN	3	50	1896320000

width [mm]		
ZEW 35	6	20
9540000000		

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SD 0.5x3.0x80	1	9008320000
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PRH 2.5/4/1	100	1916410000
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PRH 2.5/4/2	100	1916400000
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DEK 5 / WS 10/5

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Type	width [mm]	Qty.	Order No.
PAP PDU6/10	3	20	1896330000

width [mm]		
ZEW 35	6	20
9540000000		

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SD 0.5x3.0x80	1	9008320000
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WS 10/8 MC NEUTRAL

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PPE 6/10 3AN

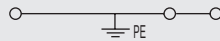
10 mm²



7.9 x 82 x 40

/ 10

1.5 ... 10



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 14... 8	AWG 16... 8	
800			
8			
1200 A (10 mm ²)			
3			
/ V-0			

Rated connection	further connection
1.5...10	
1.5...10 / 1.5...10	

14 / 0.6 x 3.5

PPE 16

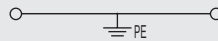
16 mm²



12.1 x 78 x 48

/ 16

2.5 ... 16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 14... 4	AWG 12... 5	
800			
8			
1920 A (16 mm ²)			
3			
/ V-0			

Rated connection	further connection
2.5...16	
2.5...16 / 2.5...16	

14 / 1.0 x 5.5

Type	Qty.	Order No.
PPE 6/10/3AN	25	1896190000

Type	Qty.	Order No.
PPE 16	10	1896210000

Type	width [mm]	Qty.	Order No.
PAP PDU6/10/3AN	3	20	1896340000

Type	width [mm]	Qty.	Order No.
PAP 16	3	10	1896290000

Type	width [mm]	Qty.	Order No.
ZEW 35	6	20	9540000000

Type	width [mm]	Qty.	Order No.
ZEW 35	6	20	9540000000

Type	Qty.	Order No.
SD 0.5x3.0x80	1	9008320000

Type	Qty.	Order No.
SD 1.0x5.5x150	1	9008350000

Type	Qty.	Order No.
ZQV 16/2	25	1739690000

WS 10/8 MC NEUTRAL

WS 10/12 MC NEUTRAL

Dual-level terminals

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

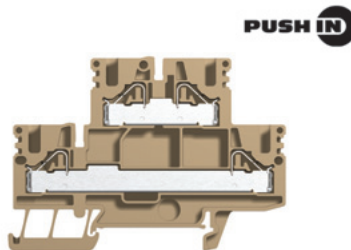
Version	
	dark beige Wemid
	blue Wemid
Note	

Accessories

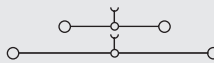
Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard
	with spigot
Screwdrivers	
	with cutting device "swiftly set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm / AWG 20
	for conductors < 1.0 mm / AWG 18
Cover	
	with lightning flash symbol
	blank
Labelling systems	
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

PDK 2.5/4

4 mm²



5.1 x 81 x 58
 / 6
 0.13 ... 6



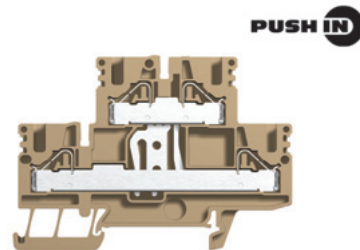
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	30*	30*	
4	AWG 26... 10	AWG 26... 10	
	8 / 3		
	/ V-0		

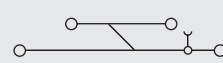
Rated connection	further connection
0.5...6	
0.5...4 / 0.5...4	
12 / 3.0 x 0.5	

PDK 2.5/4 V

4 mm²



5.1 x 81 x 58
 / 6
 0.13 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	30*	30*	
4	AWG 26... 10	AWG 26... 10	
	8 / 3		
	/ V-0		

Rated connection	further connection
0.5...6	
0.5...4 / 0.5...4	
12 / 3.0 x 0.5	

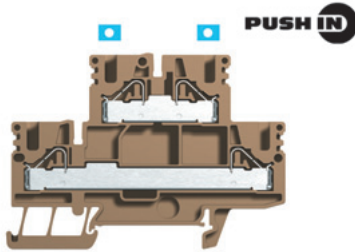
Type	Qty.	Order No.
PDK 2.5/4V	50	1918730000
PDK 2.5/4V BL	50	1918680000
*Pending UL and CSA approval		

Type	Qty.	Order No.
PDK 2.5/4	50	1918770000
PDK 2.5/4 BL	50	1918760000
*Pending UL and CSA approval		

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/20	24	20	1908960000
width [mm]			
PAP PDK 2.5/4	3	100	1919720000
width [mm]			
ZEW 35	6	20	9540000000
width [mm]			
SD 0.5x3.0x80		1	9008320000
width [mm]			
PRH 2.5/4/1		100	1916410000
PRH 2.5/4/2		100	1916400000
width [mm]			
PAD 2.5/4/4		80	1916150000
width [mm]			
DEK 5 / Snap Mark I			

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/20	24	20	1908960000
width [mm]			
PAP PDK 2.5/4	3	100	1919720000
width [mm]			
ZEW 35	6	20	9540000000
width [mm]			
SD 0.5x3.0x80		1	9008320000
width [mm]			
PRH 2.5/4/1		100	1916410000
PRH 2.5/4/2		100	1916400000
width [mm]			
PAD 2.5/4/4		80	1916150000
width [mm]			
DEK 5 / Snap Mark I			

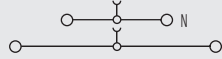
PDK 2.5/4 N-L

4 mm²

5.1 x 81 x 58

/ 6

0.13 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	30*	30*	
4	AWG 26... 10	AWG 26... 10	
	8 / 3		
	/ V-0		

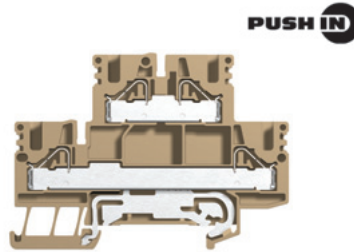
Rated connection further connection

0.5...6

0.5...4 / 0.5...4

12 / 3.0 x 0.5

PDK 2.5/4 L-PE

4 mm²

5.1 x 81 x 58

/ 6

0.13 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	30*	30*	
4	AWG 26... 10	AWG 26... 10	
	8 / 3		
	/ V-0		

Rated connection further connection

0.5...6

0.5...4 / 0.5...4

12 / 3.0 x 0.5

Type	Qty.	Order No.
PDK 2.5/4N/L	50	1918740000

*Pending UL and CSA approval

Type	Qty.	Order No.
PDK 2.5/4L-PE	50	1918720000

*Pending UL and CSA approval

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/20	24	20	1908960000

width [mm]

PAP PDK 2.5/4	3	100	1919720000
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width [mm]

ZEW 35	6	20	9540000000
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SD 0.5x3.0x80	1	9008320000
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PRH 2.5/4/1	100	1916410000
-------------	-----	------------

PRH 2.5/4/2	100	1916400000
-------------	-----	------------

PAD 2.5/4/4	80	1916150000
-------------	----	------------

DEK 5 / Snap Mark I

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/20	24	20	1908960000

width [mm]

PAP PDK 2.5/4	3	100	1919720000
---------------	---	-----	------------

width [mm]

ZEW 35	6	20	9540000000
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SD 0.5x3.0x80	1	9008320000
---------------	---	------------

PRH 2.5/4/1	100	1916410000
-------------	-----	------------

PRH 2.5/4/2	100	1916400000
-------------	-----	------------

PAD 2.5/4/4	80	1916150000
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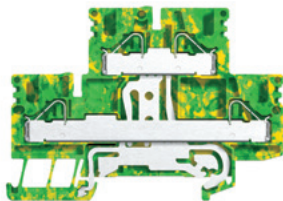
DEK 5 / Snap Mark I

Dual-level PE terminals

PDK 2.5/4 PE

4 mm²

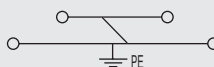
PUSH IN



When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

5.1 x 81 x 58
/ 6
0.13 ... 6



Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26... 10	AWG 26... 10	
800			
8			
	480 A (4 mm ²)		
	3		
	/ V-0		

Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -

Rated connection	further connection
0.5...6	
0.5...4 / 0.5...4	

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version
green/yellow Wemid

Type	Qty.	Order No.
PDK 2.5/4 PE	50	1918710000

Note

Accessories

End plate
dark beige Wemid

Type	width [mm]	Qty.	Order No.
PAP PDK 2.5/4	3	100	1919720000

End bracket
dark beige / beige

width [mm]		
ZEW 35	6	20
9540000000		

Testing / Checking	
<i>For testing wired terminal strips</i>	Standard with spigot

Screwdrivers
with cutting device "swifty set"
Standard

Type	width [mm]	Qty.	Order No.
SD 0.5x3.0x80		1	9008320000

Reducing sleeves			
	for conductors < 0.5 mm² / < AWG 20		
	for conductors < 1.0 mm² / < AWG 18		

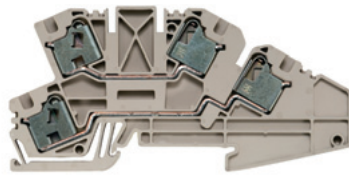
PEN jumper
Inserted into TN-S distributor between N and PE terminals

Marking systems
Marking tags

DEK 5 / WS 10/5

For detailed information on other accessories and applications see "Accessories"

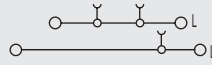
PDL 4 L/L

4 mm²

5.1 x 100 x 48.5

/ 6

0.5 ... 6



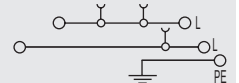
PDL 4 L/L/PE

4 mm²

5.1 x 100 x 48.5

/ 6

0.5 ... 6



When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
dark beige Wemid	
blue Wemid	

Note

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole

End plate / Partition plate	
dark beige Wemid	
blue Wemid	

End bracket	
dark beige Wemid	

Test adapter	
For testing wired terminal strips	Standard with spigot

Screwdrivers	
with cutting device "swifty set"	Standard

Reducing sleeves	
for conductors < 0.5 mm / AWG 20	
for conductors < 1.0 mm / AWG 18	

Cover	
	with lightning flash symbol
	blank

Labelling systems	
Marking tags	

For detailed information on other accessories and applications see "Accessories"

IEC	UL	CSA	EN 60079-7
400	300	300	
32	20	20	
4			
	6 / 3		
	A3 / V-0		

Rated connection	further connection
0.5...6 / 1.5...4	
0.5...4 / 0.5...4	
12 / 3.0 x 0.5	

Type	Qty.	Order No.
PDL 4/L/L	50	1882590000

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000

width [mm]	
PAP PDL4	3 20 1883210000

width [mm]	
ZEW 35/2	8 20 8630740000

SDI 0.4x2.5x75	1	9008370000
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DEK 5/5		
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IEC	UL	CSA	EN 60079-7
400	300	300	
32	20	20	
4			
	6 / 3		
	A3 / V-0		

Rated connection	further connection
0.5...6 / 1.5...4	
0.5...4 / 0.5...4	
12 / 3.0 x 0.5	

Type	Qty.	Order No.
PDL 4/L/L/PE	50	1882610000

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000

width [mm]	
PAP PDL4	3 20 1883210000

width [mm]	
ZEW 35/2	8 20 8630740000

SDI 0.4x2.5x75	1	9008370000
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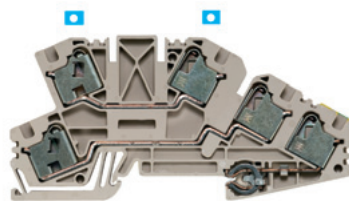
DEK 5/5		
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Dual-level terminals

PDL 4 N/L/PE

4 mm²

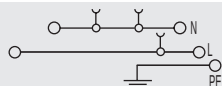
PUSH IN



When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

5.1 x 100 x 48.5
/ 6
0.5 ... 6



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

IEC	UL	CSA	EN 60079-7
400	300	300	
32	20	20	
4			
	6 / 3		
	A3 / V-0		

Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Rated connection	further connection
0.5...6 / 1.5...4	
0.5...4 / 0.5...4	
12 / 3.0 x 0.5	

Note

Ordering data

Version
dark beige Wemid
blue Wemid

Type	Qty.	Order No.
PDL 4/N/L/PE	50	1899180000

Note

Accessories

Cross-connection, pluggable
2-pole
3-pole
4-pole
10-pole
20-/24-pole

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000

End plate / Partition plate
dark beige Wemid
blue Wemid

width [mm]	Qty.	Order No.
PAP PDL4	3	20
		1883210000

End bracket
dark beige Wemid

width [mm]	Qty.	Order No.
ZEW 35/2	8	20
		8630740000

Test adapter
For testing wired terminal strips
Standard
with spigot

Screwdrivers
with cutting device "swifty set"
Standard

SDI 0.4x2.5x75	1	9008370000
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Reducing sleeves
for conductors < 0.5 mm / AWG 20
for conductors < 1.0 mm / AWG 18

Cover
with lightning flash symbol
blank

Labelling systems
Marking tags

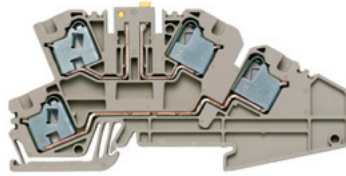
DEK 5/5

For detailed information on other accessories and applications see "Accessories"

Dual-level disconnect terminals

PDL 4/TR/DU

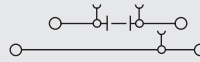
4 mm²



5.1 x 100 x 48.5

/ 6

0.5 ... 6



PDL 4/TR/DU O TNHE

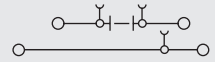
4 mm²



5.1 x 100 x 48.5

/ 6

0.5 ... 6



When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

Technical data

Rated data

Rated voltage, feed-through terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400	300	300	
20	10	10	
4	AWG 28... 10	AWG 28... 10	
		4 / 3	
		/ V-0	

Rated connection

0.5...6
0.5...4 / 0.5...4
12 / 3.0 x 0.5

20A bottom level
10A top level

IEC 60947-7-1 / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400	300	300	
20	10	10	
4	AWG 28... 10	AWG 28... 10	
		4 / 3	
		/ V-0	

Rated connection

0.5...6
0.5...4 / 0.5...4
12 / 3.0 x 0.5

20A bottom level
10A top level

Ordering data

Version

dark beige Wemid
blue Wemid
without disconnecter, dark beige Wemid

Note

Type	Qty.	Order No.
PDL 4/TR/DU	50	1899190000

without disconnecter: **PDL 4 TR/DU O TNHE**
Order No: 1899210000

Type	Qty.	Order No.
PDL 4/TR/DU O TNHE	50	1899210000

PDL 4/TR/DU O TNHE 50 **1899210000**
... without isolating lever. Suitable for **fuse holder SIHA 3** with G-fuse, for **component plug BEST** and **isolating plug TNST**.

Accessories

Cross-connection, pluggable



2-pole
3-pole
4-pole
10-pole

End plate / Partition plate

End plate	dark beige Wemid
Partition plate	dark beige Wemid

End bracket

dark beige

Screwdrivers

Standard

Test plug

Plug dia. 2.3 mm

Holder for cartridge fuse, 5 x 20mm

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

Module connector (max. 250 V)

reversed insertion possible	without fittings
	with wire jumper
	with 1N4007 diode

Disconnecting plug

yellow Wemid

Labelling systems

Marking tags

For detailed information on other accessories and applications see "Accessories"

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000

width [mm]

PAP PDL4	3	20	1883210000
----------	---	----	------------

width [mm]

ZEW 35	6	20	9540000000
--------	---	----	------------

SD 0.5x3.0x80	1	9008320000
---------------	---	------------

SIHA 3/G20	25	7921560000
SIHA 3/G20/LD 10-36V	25	7921560000
SIHA 3/G20/LD 140-250V	25	7921560000

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

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

DEK 5 / WS 10/5

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000

width [mm]

PAP PDL4	3	20	1883210000
----------	---	----	------------

width [mm]

ZEW 35	6	20	9540000000
--------	---	----	------------

SD 0.5x3.0x80	1	9008320000
---------------	---	------------

SIHA 3/G20	25	7921560000
SIHA 3/G20/LD 10-36V	25	7921560000
SIHA 3/G20/LD 140-250V	25	7921560000

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

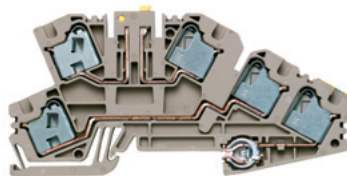
TNST	50	1833090000
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DEK 5 / WS 10/5

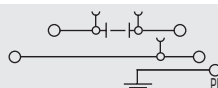
Dual-level disconnect terminals

PDL 4/TR/DU/PE

4 mm²



5.1 x 100 x 48.5
/ 6
0.5 ... 6



IEC 60947-7-1 (-7-2) / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400	300	300	
20	10	10	
4	AWG 28... 10	AWG 28... 10	
	4 / 3		
	/ V-0		

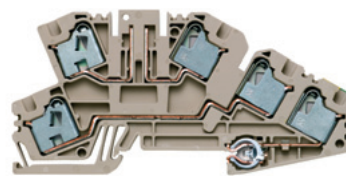
Rated connection

0.5...6
0.5...4 / 0.5...4
12 / 3.0 x 0.5

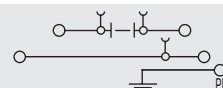
20A bottom level
10A top level

PDL 4/TR/DU/PE O TNHE

4 mm²



5.1 x 100 x 48.5
/ 6
0.5 ... 6



IEC 60947-7-1 (-7-2) / VDE 0611-4

IEC	UL	CSA	EN 60079-7
400	300	300	
20	10	10	
4	AWG 28... 10	AWG 28... 10	
	4 / 3		
	/ V-0		

Rated connection

0.5...6
0.5...4 / 0.5...4
12 / 3.0 x 0.5

20A bottom level
10A top level

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

Technical data

Rated data	
Rated voltage, feed-through terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²

Note

Ordering data

Version
dark beige Wemid
blue Wemid
without disconnecter, dark beige Wemid

Note

Type	Qty.	Order No.
PDL 4/TR/DU/PE	50	1899200000

without disconnecter: **PDL 4 TR/DU/PE O TNHE**
Order No: 1899220000

Type	Qty.	Order No.
PDL 4/TR/DU/PE O TNHE	50	1899220000

PDL 4/TR/DU/PE O TNHE 50 1899220000
... without isolating lever. Suitable for **fuse holder SIHA 3** with G-fuse, for **component plug BEST** and **isolating plug TNST**.

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate

End plate	dark beige Wemid
Partition plate	dark beige Wemid

End bracket

	dark beige
--	------------

Screwdrivers

	Standard
--	----------

Test plug

	Plug dia. 2.3 mm
--	------------------

Holder for cartridge fuse, 5 x 20mm

400 V AC/DC, without LED	SIHA 3/G20	25	7921560000
10-36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	25	7921560000
140-250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	25	7921560000

Module connector (max. 250 V)

reversed insertion possible	without fittings	BEST	50	1833100000
	with wire jumper	BEST/DRBR	50	1878570000
	with 1N4007 diode	BEST/D	50	1878560000

Disconnecting plug

	yellow Wemid	TNST	50	1833090000
--	--------------	------	----	------------

Labelling systems

	Marking tags	DEK 5 / WS 10/5
--	--------------	-----------------

For detailed information on other accessories and applications see "Accessories"

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000

width [mm]			
PAP PDL4	3	20	1883210000

width [mm]			
ZEW 35	6	20	9540000000

SD 0.5x3.0x80	1	9008320000
---------------	---	------------

SIHA 3/G20	25	7921560000
SIHA 3/G20/LD 10-36V	25	7921560000
SIHA 3/G20/LD 140-250V	25	7921560000

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

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

DEK 5 / WS 10/5

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000

width [mm]			
PAP PDL4	3	20	1883210000

width [mm]			
ZEW 35	6	20	9540000000

SD 0.5x3.0x80	1	9008320000
---------------	---	------------

SIHA 3/G20	25	7921560000
SIHA 3/G20/LD 10-36V	25	7921560000
SIHA 3/G20/LD 140-250V	25	7921560000

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

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

DEK 5 / WS 10/5

Dual-level disconnect terminals

PDL 4 NT/L

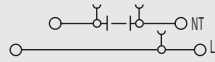
4 mm²



5.1 x 100 x 48.5

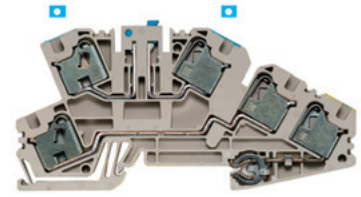
/ 6

0.5 ... 6



PDL 4 NT/L/PE

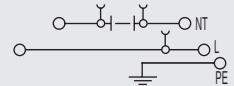
4 mm²



5.1 x 100 x 48.5

/ 6

0.5 ... 6



When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

IEC	UL	CSA	EN 60079-7
400	300	300	
20	10	10	
4	AWG 28... 10	AWG 28... 10	
	6 / 3		
	A3 / V-0		
Rated connection		further connection	
0.5...6 / 1.5...4			
0.5...4 / 0.5...4			
12 / 3.0 x 0.5			

20A bottom level
10A top level

IEC	UL	CSA	EN 60079-7
400	300	300	
20	10	10	
4	AWG 28... 10	AWG 28... 10	
	6 / 3		
	A3 / V-0		
Rated connection		further connection	
0.5...6 / 1.5...4			
0.5...4 / 0.5...4			
12 / 3.0 x 0.5			

20A bottom level
10A top level

Ordering data

Version	
	dark beige Wemid
	blue Wemid
Note	

Type	Qty.	Order No.
PDL 4/NT/L	50	1882600000

Type	Qty.	Order No.
PDL 4/NT/L/PE	50	1882620000

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
	blue Wemid
End bracket	
	dark beige Wemid
Test adapter	
For testing wired terminal strips	Standard with spigot
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm / AWG 20
	for conductors < 1.0 mm / AWG 18
Cover	
	with lightning flash symbol
	blank
Labelling systems	
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
width [mm]			
PAP PDL4	3	20	1883210000
width [mm]			
ZEW 35/2	8	20	8630740000
width [mm]			
SDI 0.4x2.5x75		1	9008370000
width [mm]			
DEK 5/5			

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
width [mm]			
PAP PDL4	3	20	1883210000
width [mm]			
ZEW 35/2	8	20	8630740000
width [mm]			
SDI 0.4x2.5x75		1	9008370000
width [mm]			
DEK 5/5			

The additional functions

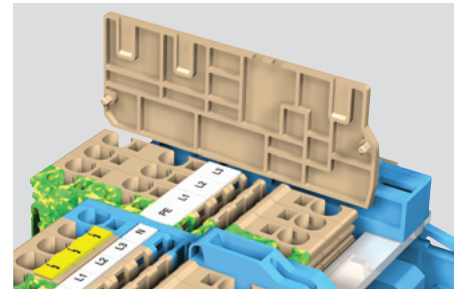
Introduction

Accessories from the other families of terminals can be utilized for the P-Series and so contribute towards reducing the number of variants. Together with the accessories a suitable solution can be found for every problem – also over and above standard functions.

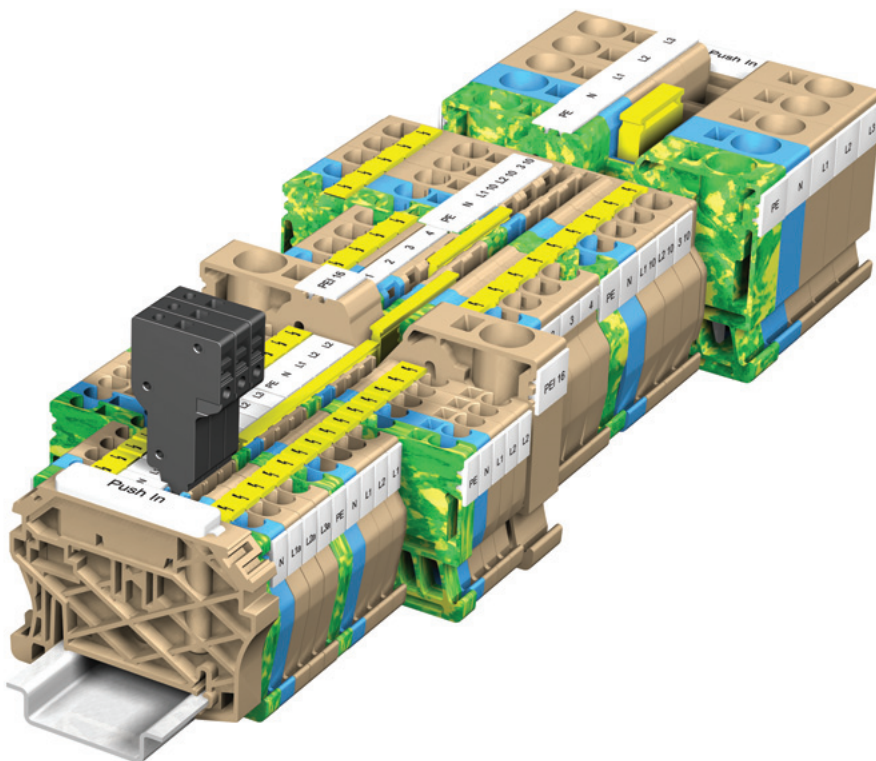
The accessories are subject to the same quality requirements as the terminals themselves.

Holding and end plates

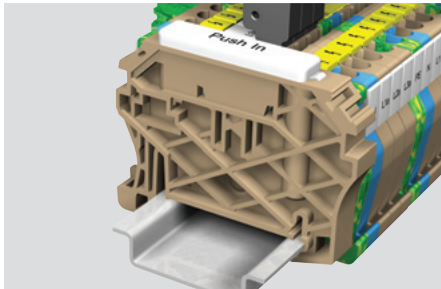
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Holding plates also take on the function of end plates in the P-Series and must be set every 200 mm when using 10 x 3 busbars.



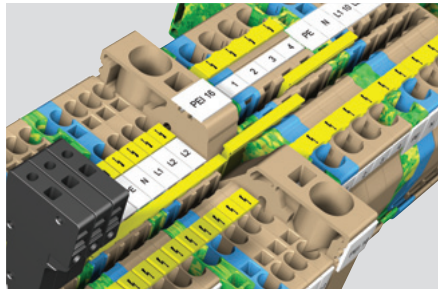
Fastening



In order to fix the terminals reliably to the mounting rail an end bracket is mounted to the right and left of a row of terminals. The marking surfaces of the end brackets can also be used for group markings. Weidmüller's variety of end brackets and mounting rails can be viewed in the main catalog.

Electrical supply

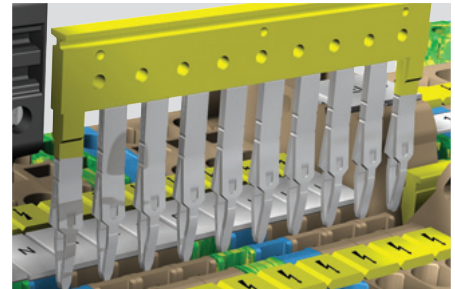
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Weidmüller's Push In terminals provide two options for feeding the electrical power supply: the power supply terminal PEI 16 and the feed-through terminals PDU 6/10 and PDU 2.5/4. The input current is split into several outgoing currents by means of cross-connectors. Power is supplied via a conductor cross-section of 16 mm² and then distributed to the neighboring terminals for cross-sections of 0.5 mm² to 10 mm².

Electrical distribution

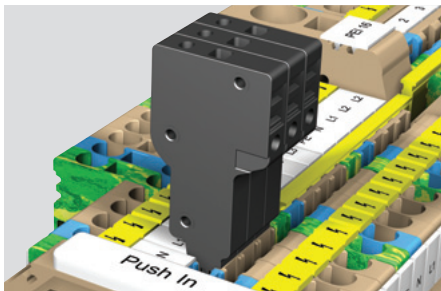
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A pluggable **cross-connection system (ZQV)** is available for all P-Series terminals. The power can be distributed to any number of other terminals simply by plugging the cross-connection into the middle of the terminal. Subject to the rated voltage of the terminal, 400 V can, as a rule, be fed across the cross-connection.

Testing

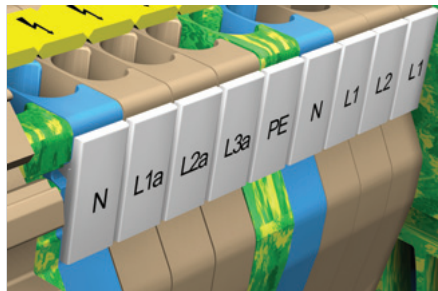
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The snap-in test adapter (PTA) is utilized both as a single slice as well as a test adapter strip for voltage measurements in electrical cabinets. The test adapter is ideal for convenient and efficient testing of assembled terminals. The test adapter is simply snapped into the cross-connection channel of the terminal in order to make contact with the live busbar.

Marking and connecting

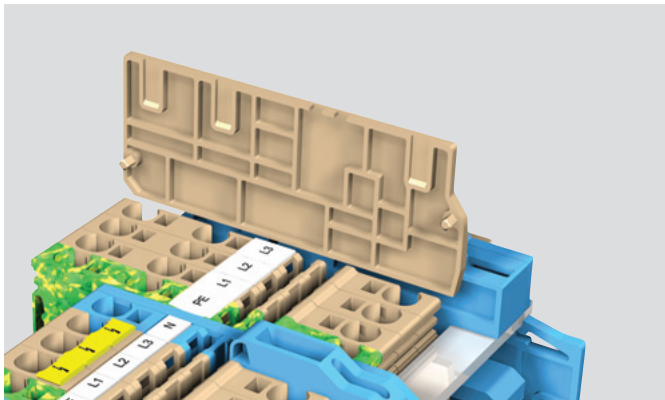
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Weidmüller marking systems from our main catalog are used to mark terminals equipped with Push In technology. Individual terminal points, terminal groups as well as conductors can be marked. Optional strip marking is available for all sizes of terminals; thus allowing several terminals to be marked together.

Accessories

Holding and end plates



Touch protection

With very few exceptions, the last terminal in a strip of terminals must be covered by an end plate of the type PAP. End plates must also be inserted into a terminal strip containing different sized terminals. This is done to guarantee that live parts cannot be touched. The terminals are safe from finger touch.

Guaranteed operating voltage

To guarantee the rated voltage for the application, end plates can also be used to maintain the required clearance and creepage distances. For example, if cross-connectors are inserted immediately adjacent to one another.

Identical contours

The external dimensions of the end plates are consistent with the overall dimensions of the corresponding terminals.

Assembly

Snap-in spigots on the end plate mean that it can be simply fitted onto the corresponding terminal. The corresponding indents in the terminals ensure correct positioning and identical contours by design.

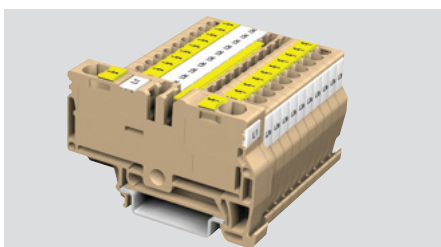
Ordering data

Type PDU 2.5/4... Width 5 mm	Color	Qty	Order No.	For terminals:
PAP 2.5/4	dark beige	50	1896300000	PDU 2.5/4 PDU 2.5/4 BL PPE 2.5/4
Width 5 mm				
PAP 2.5/4 3AN	dark beige	50	1896480000	PDU 2.5/4 3AN PDU 2.5/4 3AN BL PPE 2.5/4 3AN
Width 5 mm				
PAP 2.5/4 4AN	dark beige	50	1896320000	PDU 2.5/4 4AN PDU 2.5/4 4AN BL PPE 2.5/4 4AN
Width 5 mm				
PHP/PNT 2.5/4	blue	50	1896390000	PNT 2.5/4
Type PDK Width 5 mm				
PAP/PDK 2.5/4	dark beige	50	1919720000	PDK 2.5/4 PDK 2.5/4/4 V PDK 2.5/4 N-L PDK 2.5/4 DU-PE PDK 2.5/4 N-PE PDK 2.5/4 PE PDK 2.5/4 O.EL
Type PDU 6/10 Width 8 mm				
PAP 6/10	dark beige	50	1896330000	PDU 6/10 PDU 6/10 BL PPE 6/10
Width 8 mm				
PAP 6/10 3AN	dark beige	50	1896340000	PDU 6/10 3AN PDU 6/10 3AN BL PPE 6/10 3AN
Width 8 mm				
PHP/PNT 6/10	blue	50	1896100000	PNT 6/10
Type PDU 16... Width 12 mm				
PAP 16	dark beige	50	1896290000	PDU 16 PDU 16 BL PPE 16
Width 12 mm				
PHP/PNT 16	blue	50	1896380000	PNT 16

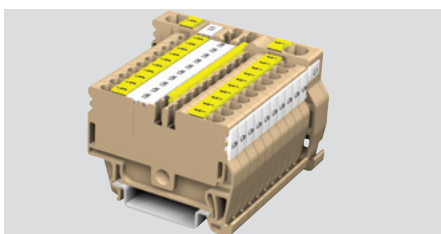
Power supply via standard terminals

Supplying power via standard terminals is the ideal solution because P-Series feed-through terminals feature a very wide clamping range.

Left-hand supply



Right-hand supply



Supply options and the required cross-connections

Power supply – terminal	Output – terminal	Cross-connection	Power supply left	Power supply right
PDU 2.5/4	PDU 2.5/4	ZQV 2.5/...	•	•
	PDU 2.5/4/3AN	ZQV 2.5/...	•	
	PDU 2.5/4/4AN	ZQV 2.5/...	•	

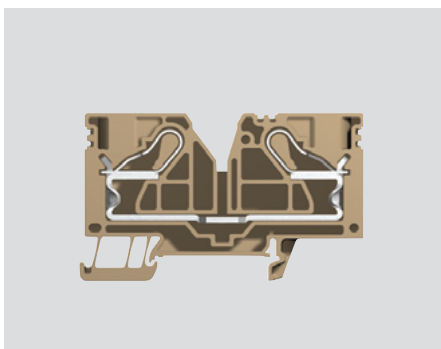
PDU 2.5/4/3AN	PDU 2.5/4	ZQV 2.5/...		•
	PDU 2.5/4/3AN	ZQV 2.5/...	•	•
	PDU 2.5/4/4AN	ZQV 2.5/...	•	

PDU 2.5/4/4AN	PDU 2.5/4	ZQV 2.5/...		•
	PDU 2.5/4/3AN	ZQV 2.5/...		•
	PDU 2.5/4/4AN	ZQV 2.5/...	•	•

PDU 6/10	PDU 2.5/4	ZQV 2.5/...		•
	PDU 2.5/4/4AN	ZQV 2.5/...	•	
	PDU 6/10	ZQV 6N/...	•	•
	PDU 6/10/3AN	ZQV 6N/...	•	

PDU 6/10/3AN	PDU 2.5/4	ZQV 2.5/...		•
	PDU 2.5/4/3AN	ZQV 2.5/...		•
	PDU 6/10	ZQV 6N/...	•	
	PDU 6/10/3AN	ZQV 6N/...	•	•

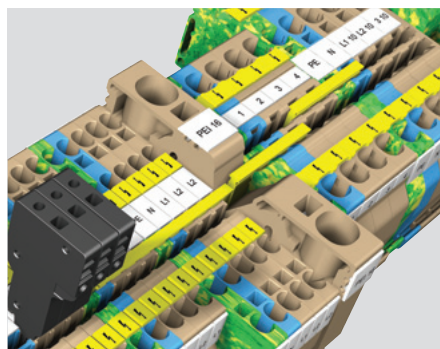
Power supply terminal PEI 16



The power supply terminal PEI 16 gives you the option of supplying power via conductor cross-sections up to 25 mm². The power supply can then be distributed utilizing standard cross-connections to any number of terminals with smaller cross-sections.

The table opposite lists several variants for electrical distribution at the point of supply and the required cross-connections.

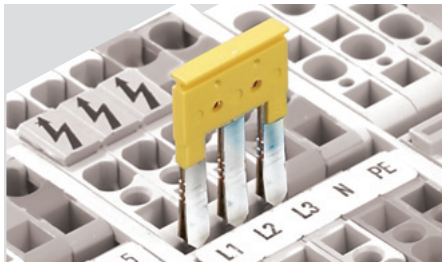
Optional conductor exit, left and right



Output options and the required cross-connections

Power supply – terminal	Output – terminal	Cross-connection	Power supply left	Power supply right
PEI 16	PDU 2.5/4	ZQV 2.5/...	•	•
	PDU 2.5/4/3AN	ZQV 2.5/...	•	•
	PDU 2.5/4/4AN	ZQV 2.5/...	•	•
	PDU 6/10	ZQV 6N...	•	•
	PDU 6/10 3AN	ZQV 6N...	•	•

Pluggable cross-connector ZQV



The time-saving and easy to use cross-connection option for terminals equipped with Push In technology.

- **ZQV 2.5** as 2- to 10-pole comb and and ZQV 2.5/20 – continuous (20-pole)
- **ZQV 6/N** as 2- to 4-pole comb and and ZQV 6N/20 – continuous (24-pole)
- **ZQV 16/2** as 2-pole comb (link)

All variants are safe from finger touch.

The made-to-measure cross-connection

Utilizing ZQV cross-connectors enables you to simply and quickly connect up to 20 individual terminals with one another. The electrician can cut off the required amount of contact elements from the continuous 20-pole cross-connection comb. With this system you always have the right number of cross-connections available with minimum storage costs.

The ends of the continuous cross-connection are bare. For reasons of stability, it is not permitted to cut two-pole cross-connections to length. An end plate must be inserted between adjacent ZQVs with bare, cut edges.

Breaking out contact elements

Single or several of the contact elements (max. 60 %) can be broken out of the cross-connections in order to bypass terminals to suit the application.

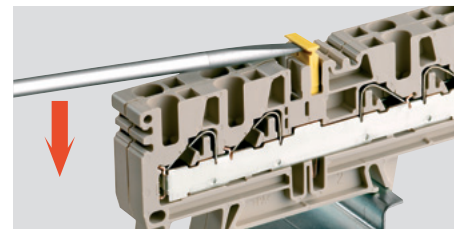
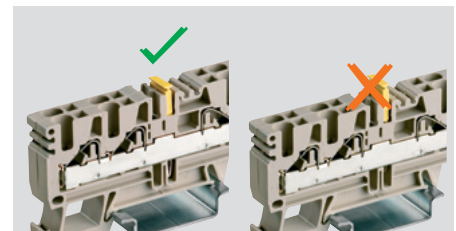
Inserting and replacing

Cross-connectors can be inserted and replaced quickly and easily.

- Insert the cross-connection into cross-connection channel of the terminal ...

... and press it in fully.
(The cross-connector must not protrude out of the channel).

- To remove or replace, simply lever out the respective cross-connector using a screwdriver.



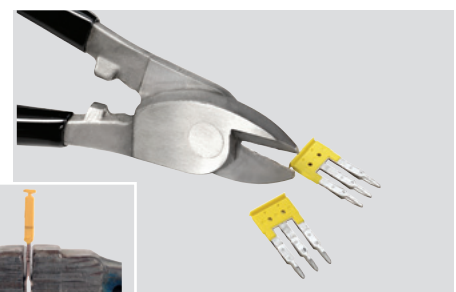
Shortening cross-connections

The length of the cross-connections can be shortened by using a suitable tool, for example, the cutting tool KT ZQV (order number 9002170000).

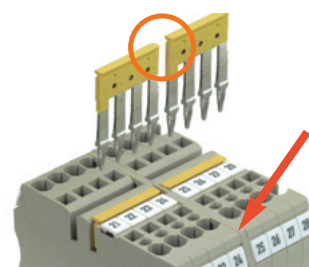
However, three contact elements must remain.

Caution:

Do not allow contact elements to become deformed!

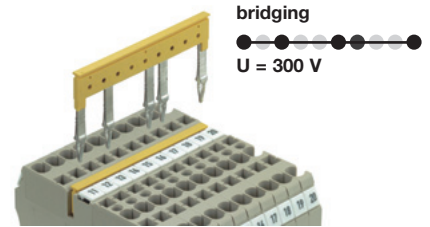
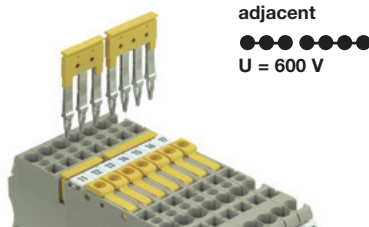
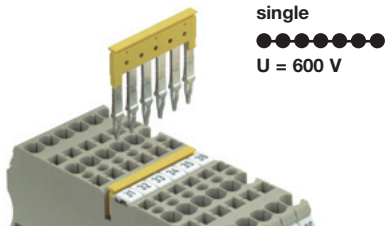


If the user shortens the cross-connections in conjunction with the terminals PDU 2.5/4... , it is necessary to use end plates (PAP) in order to maintain the rated voltage (at the bare, cut edges of the cross-connection).

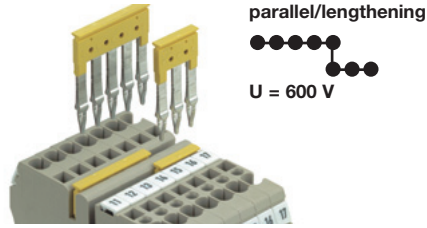
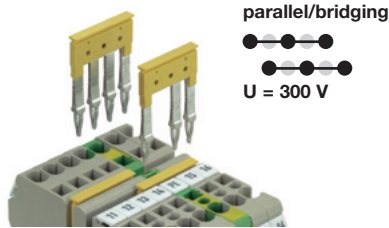


Combination options

In one cross-connection channel



In two cross-connection channels



Cross-connection options for terminals of the same type with corresponding cross-connection

Terminal type	Cross-connection	single	adjacent	bridging	parallel bridging	chain bridge parallel/lengthening
Standard terminals						
PDU 2.5/4	ZQV 2.5/...	•	•	•	•	•
PDU 2.5/4/3AN	ZQV 2.5/...	•	•	•	•	•
PDU 2.5/4/4AN	ZQV 2.5/...	•	•	•	•	•
PDU 6/10	ZQV 6N/...	•	•	•	•	•
PDU 6/10/3AN	ZQV 6N/...	•	•	•	•	•
PDU 16	ZQV 16/2	•	•			•

ZQV 2.5



Type	Qty	Order No.
ZQV 2.5/2	60	1608860000
ZQV 2.5/3	60	1608870000
ZQV 2.5/4	60	1608880000
ZQV 2.5/5	20	1608890000
ZQV 2.5/6	20	1608900000
ZQV 2.5/7	20	1608910000
ZQV 2.5/8	20	1608920000
ZQV 2.5/9	20	1608930000
ZQV 2.5/10	20	1608940000
ZQV 2.5/20	10	1908960000

For terminal Standard

PDL 4...

PDL 4S

PDU 2.5/4...

PDIC 2.5/4

ZQV 6 N



Type	Qty	Order No.
ZQV 6N/10	20	1906240000
ZQV 6N/2	60	1906210000
ZQV 6N/3	60	1906220000
ZQV 6N/4	60	1906230000

For terminal Standard

PDU 6/10

PDU 6/10 3AN

PNT 6/10

ZQV 16/2



Type	Qty	Order No.
ZQV 16/2	25	1739690000

For terminal Standard

PDU 16

Accessories

Test adapter

The snap-in test adapter PTA is utilized both as a single slice as well as a test adapter strip for taking measurements. Conductors in the cross-section range from 0.5 mm² to 1.5 mm² can be clamped. Contact is made with the live busbar by simply snapping the test adapter into the terminal.

Dimensions

Height (with TS 35 x 7.5)	mm
Length	mm
Mounting width	mm
Insulation stripping length	mm

Rated voltage / current / cross-section

In accordance with IEC 60 947-7-1

Clampable conductor

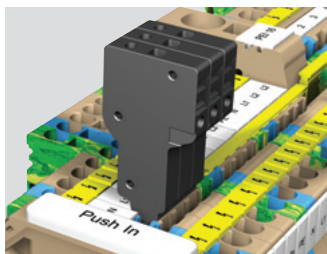
solid core H 07V-U	mm ²
flexible H 07V-K	mm ²
flexible with ferrules (DIN 46228/1)	mm ²

Ordering data

1-pole
with snap-in spigots

PTA

for terminal width 5.1 mm



59
20
5.1
6.0

250 V / 9 A / 1.5 mm²

0.5 ... 1.5
1.0 ... 1.5
0.5 ... 1.5

Type Qty Order No.

PTA PDU 2.5/4	25	1916180000
PTA PDU 2.5/4 ZA	25	1916190000

For terminal standard

PDU 2.5/4

DEK 5

Reducing sleeve

Utilizing reducing sleeves simplifies the connection of conductors in smaller cross-section ranges. Conductors can be inserted into the terminal points without splicing the litz wires. The reducing sleeve centers the conductor in the middle of the terminal entry funnel.

Package quantity = 100 x 10-pole strip

PRH 2.5/4



Ordering data

for conductor 0.5 mm ² , grey
for conductor 1 mm ² , dark grey

Type Qty Order No.

PRH 2.5/4/1	100	1916410000
PRH 2.5/4/2	100	1916400000

For terminal standard

PDU 2.5/4

PDK 2.5/4

Covers

VDE regulations require that the mains terminals be covered. For this purpose, Weidmüller offers the yellow cover **PAD** with printed electrical warning symbol. Available in 4-pole terminal insert units, the covers are snapped into the screwdriver opening of the terminal.

PAD



Ordering data

terminal width	5.1 mm
terminal width	8 mm
terminal width	12 mm

Type Qty Order No.

PAD 2.5/4/4	20	1916150000
PAD 6/10/4	20	1916160000
PAD 16/4	20	1916170000

For terminal standard

PDU 2.5/4...

PDU 6/10...

PDU 16...

Markings

In combination with the WS 10/5 tags, **BZT** marking tag carriers make it possible to position markings in the middle marking channel. Snap-in spigots enable the marking tag carriers to be joined together to achieve the greatest possible stability.

- Single and double versions
- Screwdriver insertion and accessibility to the cross-connections are not impaired.

Ordering data

Mark on one side
Mark on both sides

BZT



Type Qty Order No.

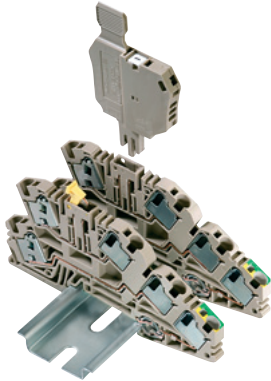
BZT 1 WS 10/5	100	1805940000
BZT 1 ZA WS 10/5	100	1805520000
BZT 2 WS 10/5	100	1805480000
BZT 2 ZA WS 10/5	100	1805530000

For terminal standard

PDK 2.5/4...

PDL 4...

SIHA fuse holder



For G-fuse cartridges 5 x 20

The SIHA fuse holder turns a disconnect terminal into a fuse terminal in seconds:

simply remove the isolating lever and plug on the fuse plug.

Even better: order the DL 4... OTNHE and put the SIHA to use without delay.

- Easy to use – no tools required
- Housing made of Wemid (V0)
- Rated current 6.3 A
- Even fits onto 5-mm wide terminals when staggered



1. Open fuse holder with fingers or screwdriver



2. Press out the old fuse



3. Position new fuse



4. Squeeze the fuse holder together



- Space for DekaFix 5 markers and space for adhesive labels E-Fix, size 8/20



SIHA 3



	Qty	Order No.
without LED		
SIHA3/G20	400 V 1	7921560000
with LED (red)		
SIHA3/G20	10 - 36 V 1	7921570000
	35 - 70 V 1	7921580000
	60 - 150 V 1	7921590000
	140 - 250 V 1	7921600000

For disconnect terminal type

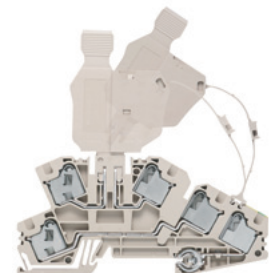
PDL 4...

PDL 4 TR/...

Applications with PDL 4 TR/... and SIHA 3

Short-circuit protection			Overload and short-circuit protection		
Nom. value			Nom. value		
	Power loss	Rated current		Power loss	Rated current
Individual	4.0 W	6.3 A		1.6 W	6.3 A
In combination	1.6 W	6.3 A			

SIHA STRAP



	Qty	Order No.
with strap		
SIHA STRAP	20	9537680000

Coupler for retro-fit assembly

- Receptacle in the terminal is the marking position
- Integrated marking position
- Optionally snaps into left or right side of the fuse holder

Accessories—other functions/color variants

Fuse and cartridge inserts for Weidmüller's fuse terminals and fuse holder SIHA 3

Fuse cartridges

for terminal type

PDL 4 TR/.../...



Technical data / Ordering data

G-type cartridge fuses 5 x 20 **without** indicators in accordance with IEC 60127-2 (VDE 0820 pt.2 B)

Size (mm)	Nom. voltage (V)	Nom. current (A)	Type	Qty	Order No.	
5 x 20		0.1	(F)	G 20/0.10A/F	10	0430300000
		0.2	(F)	G 20/0.20A/F	10	0430400000
Switching capacity 1500 A		0.25	(F)	G 20/0.25A/F	10	0430500000
(at 250 V, 50 Hz, cos φ 0,7)		0.5	(F)	G 20/0.50A/F	10	0430600000
		0.63	(F)	G 20/0.63A/F	10	0439000000
		1.0	(F)	G 20/1.00A/F	10	0430700000
		1.6	(F)	G 20/1.60A/F	10	0430800000
		2.0	(F)	G 20/2.00A/F	10	0430900000
		2.5	(F)	G 20/2.50A/F	10	0431000000
		3.15	(F)	G 20/3.15A/F	10	0431100000
		4.0	(F)	G 20/4.00A/F	10	0431200000
		5.0	(F)	G 20/5.00A/F	10	0431300000
		6.3	(F)	G 20/6.30A/F	10	0431400000

(M) = medium-blow (F) = fast-blow

Component plug / isolating plug

Weidmüller's philosophy is to cover as wide a variety of applications as possible with as few components as possible. The component plug and isolating plug (BEST and TNST) lend uncompromising support to this cost-efficient and effective approach. The component plug houses electronics components and connects these to the terminal. When withdrawn, the isolating plug guarantees without doubt that the terminal point is open. The opening can be clearly and visibly identified.

To prevent the circuit from being switched on accidentally, remove the isolating plug.

Both the BEST and the TNST have the same mating face. Both plugs are identical with the fuse holder SIHA 3, so that they can be utilized across the board in the disconnect products of the W-, Z-, I- and P-Series.

Component plug (up to 250 V)

For terminal type

PDL 4 TR/.../...

Reversible



Ordering data

Type	Assembly	Qty	Order No.
BEST	without	25	1833100000
BEST/DRBR	with wire bridge	25	1878570000
BEST/D	with diode 1N4007	25	1878560000

Isolating plug

For terminal type

PDL 4 TR/.../...



Ordering data

Type	Color	Qty	Order No.
TNST	yellow Wemid	25	1833090000

Crimp Sets

Crimp-Set PZ 6 roto Push In



Assembly

Article description	Type	Qty.
Crimping tools for wire end ferrules 0.14 to 6 mm ²	PZ 6 Roto	1
Stripping tool for up to 6 mm ²	STRIPAX	1
Wire end ferrule with plastic collar, grey	H 4.0/20 DS GR	500
Wire end ferrule with plastic collar, orange	H0.5/16 OR	500
Wire end ferrule with plastic collar, white	H0.75/18 W	500
Wire end ferrule with plastic collar, yellow	H1.0/18 GE	500
Wire end ferrule with plastic collar, black	H1.5/18D SW	500
Wire end ferrule with plastic collar, blue	H2.5/18D BL	500
Wire end ferrule with plastic collar, black	H6.0/20 SW	100

Technical data

length x width x height	340/270/60 mm
Weight	1760 g

Ordering data

Type	Color code	Order No.
Crimp Set PZ 6 roto PI	Weidmüller	9203650000

Crimp-Set PZ 16 Push In



Assembly

Article description	Type	Qty.
Crimping tools for wire end ferrules, 6 to 16 mm ²	PZ 16	1
Stripping tool for up to 6 mm ²	STRIPAX	1
Wire end ferrule with plastic collar, ivory	H 10.0/22 S EB	100
Wire end ferrule with plastic collar, black	H6.0/20 SW	100
Wire end ferrule with plastic collar, ivory	H10.0/22 EB	100
Wire end ferrule with plastic collar, green	H16.0/24 GN	100

Technical data

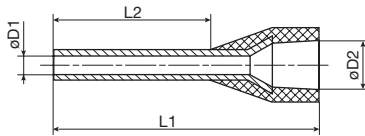
length x width x height	340/270/60 mm
Weight	1725 g

Ordering data

Type	Color code	Order No.
Crimp Set PZ 16 PI	Weidmüller	9203640000

Accessories

Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105°C
- Cable entry made from a not readily flammable material on request

For conductors from 0.14 – 16 mm² (AWG 26 – 6)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

Weidmüller color code

in multipack bag

Ordering data

Type	Cross-section, mm ²	AWG	L1	L2	D1	D2	Stripping length	Color	Qty.	Order No.
H0.14/12	0.14	26	12.0	8.0	0.6	1.5	10.0	● grey	500	9028240000
H0.25/12	0.25	24	12.0	8.0	0.8	1.8	10.0	● light blue	500	9025780000
H0.34/12	0.34	22	12.0	8.0	0.8	2.0	10.0	● turquoise	500	9025790000
H0.5/14	0.50	20	14.0	8.0	1.0	2.6	10.0	● orange	500	9026060000
H0.5/16	0.50	20	16.0	10.0	1.0	2.6	12.0	● orange	500	9028270000
H0.75/14	0.75	18	14.0	8.0	1.2	2.8	10.0	○ white	500	9026070000
H0.75/16	0.75	18	16.0	10.0	1.2	2.8	12.0	○ white	500	9028290000
H0.75/18	0.75	18	18.0	12.0	1.2	2.8	14.0	○ white	500	9028300000
H1.0/16	1.00	17	16.0	10.0	1.4	3.0	12.0	● yellow	500	9028320000
H1.0/18	1.00	17	18.0	12.0	1.4	3.0	15.0	● yellow	500	9028340000
H1.5/16	1.50	16	16.0	10.0	1.7	3.5	12.0	● red	500	9028350000

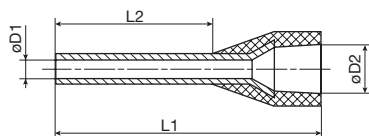
Weidmüller color code

packed loose

Ordering data

Type	Cross-section, mm ²	AWG	L1	L2	D1	D2	Stripping length	Color	Qty.	Order No.
H0.25/12	0.25	24	12.0	8.0	0.8	1.8	10.0	● light blue	500	9025760000
H0.34/12	0.34	22	12.0	8.0	0.8	2.0	10.0	● turquoise	500	9025770000
H0.5/14	0.50	20	14.0	8.0	1.0	2.6	10.0	● orange	500	0690700000
H0.5/16	0.50	20	16.0	10.0	1.0	2.6	12.0	● orange	500	9025870000
H0.75/14	0.75	18	14.0	8.0	1.2	2.8	10.0	○ white	500	0462900000
H0.75/16	0.75	18	16.0	10.0	1.2	2.8	12.0	○ white	500	9025860000
H0.75/18	0.75	18	18.0	12.0	1.2	2.8	14.0	○ white	500	9025910000
H1.0/14	1.00	17	14.0	8.0	1.4	3.0	10.0	● yellow	500	0463000000
H1.0/16	1.00	17	16.0	10.0	1.4	3.0	12.0	● yellow	500	9025950000
H1.0/18	1.00	17	18.0	12.0	1.4	3.0	15.0	● yellow	500	9025930000
H1.5/14	1.50	16	14.0	8.0	1.7	3.5	10.0	● red	500	0463100000
H1.5/16	1.50	16	16.0	10.0	1.7	3.5	12.0	● red	500	0635100000
H2.5/18D	2.50	14	18.0	12.0	2.2	4.2	14.0	● blue	500	9019170000
H4.0/20D	4.00	12	20.0	12.0	2.8	4.8	14.0	● grey	500	9019200000
H6.0/20	6.00	10	20.0	12.0	3.5	6.3	14.0	● black	100	0533500000
H10.0/22	10.00	7	22.0	12.0	4.5	7.6	15.0	● ivory	100	0534200000
H16.0/24	16.00	6	24.0	12.0	5.8	8.8	15.0	● green	100	0565900000

Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105°C
- Cable entry made from a not readily flammable material on request

For conductors from 0.5 – 16 mm² (AWG 20 – 6)

Tin-plated copper

Dimensional tolerances to DIN 46228 part 4

DIN color code

packed loose

Ordering data

Type	Cross-section, mm ²	AWG	L1	L2	D1	D2	Stripping length	Color	Qty.	Order No.
H0.5/12D	0.50	20	12.0	6.0	1.0	2.6	8.0	○ white	500	9019000000
H0.5/14D	0.50	20	14.0	8.0	1.0	2.6	10.0	○ white	500	9019010000
H0.5/16D	0.50	20	16.0	10.0	1.0	2.6	12.0	○ white	500	9019020000
H0.75/14D	0.75	18	14.0	8.0	1.2	2.8	10.0	● grey	500	9019040000
H0.75/16D	0.75	18	16.0	10.0	1.2	2.8	12.0	● grey	500	9019050000
H0.75/18D	0.75	18	18.0	12.0	1.2	2.8	14.0	● grey	500	9019060000
H1.0/14D	1.00	17	14.0	8.0	1.4	3.0	10.0	● red	500	9019080000
H1.0/16D	1.00	17	16.0	10.0	1.4	3.0	12.0	● red	500	9019100000
H1.0/18D	1.00	17	18.0	12.0	1.4	3.0	15.0	● red	500	9019110000
H1.5/16D	1.50	16	16.0	10.0	1.7	3.5	12.0	● black	500	9019130000
H1.5/18D	1.50	16	18.0	12.0	1.7	3.5	15.0	● black	500	9019140000
H2.5/18D	2.50	14	18.0	12.0	2.2	4.2	14.0	● blue	500	9019170000
H4.0/20D	4.00	12	20.0	12.0	2.8	4.8	14.0	● grey	500	9019200000
H6.0/20D	6.00	10	20.0	12.0	3.5	6.3	14.0	● yellow	100	9019220000
H10.0/22D	10.00	7	22.0	12.0	4.5	7.6	15.0	● red	100	9019240000
H16.0/24D	16.00	6	24.0	12.0	5.8	8.8	15.0	● blue	100	9019260000

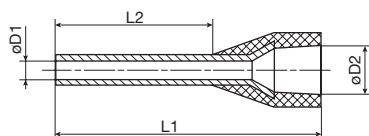
other color code

packed loose

Ordering data

Type	Cross-section, mm ²	AWG	L1	L2	D1	D2	Stripping length	Color	Qty.	Order No.
H2.5/24T	2.50	14	24.0	18.0	2.2	4.2	20.0	● grey	500	9021090000
H4.0/20T	4.00	12	20.0	12.0	2.8	4.8	14.0	● orange	500	9021110000
H6.0/20T	6.00	10	20.0	12.0	3.5	6.3	14.0	● green	100	9021130000
H10.0/22T	10.00	7	22.0	12.0	4.5	7.6	15.0	● brown	100	9021150000
H16.0/24T	16.00	6	24.0	12.0	5.8	8.8	15.0	○ white	100	9021170000
H16.0/28T	16.00	6	28.0	18.0	5.8	8.8	21.0	○ white	100	9021180000

Wire end ferrules with plastic collar, special sizes



- Especially suitable for the Push In terminal blocks with the widths of 5.1 mm and 8 mm
- Polypropylene conical cable entry
- Heat-resistant up to 105°C
- Cable entry made from a not readily flammable material on request

For conductors from 4 – 10 mm² (AWG 12 – 7)

Tin-plated copper

Dimensional tolerances to DIN 46228 part 4

Weidmüller/DIN color code

packed loose

Ordering data

Type	Cross-section, mm ²	AWG	L1	L2	D1	D2	Stripping length	Color	Qty.	Order No.
H4.0/20DS	4.00	12	20.0	12.0	2.9	4.7	14.0	● grey	500	9203630000
H10.0/22S	10.00	7	22.0	12.0	4.6	7.1	14.0	● ivory	100	9203620000

PTR 2.5/4

2.5 mm²

PTR 2.5/4 O TNHE

2.5 mm²

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

Technical data

Rated data	
Rated voltage, feed-through terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

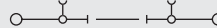
Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

5.1 x 71 x 39.5

22 / 6

0.13 ... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL*	CSA*	EN 60079-7
500	300	300	
22	10	10	
2.5	AWG 28... 10	AWG 28... 10	
6 / 3			
A3 / V-0			
UL ®			

Rated connection

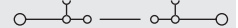
0.5...6
0.5...4 / 0.5...4
12 / 0.6 x 3.5

PTR has two contact options for PS2.3

5.1 x 71 x 39.5

22 / 6

0.13 ... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL*	CSA*	EN 60079-7
500	300	300	
22	10	10	
2.5	AWG 28... 10	AWG 28... 10	
6 / 3			
A3 / V-0			
UL ®			

Rated connection

0.5...6
0.5...4 / 0.5...4
12 / 0.6 x 3.5

PTR has two contact options for PS2.3

Ordering data

Version	
dark beige Wemid	
blue Wemid	
without disconnecter, dark beige Wemid	

Note

Type	Qty.	Part No.
PTR 2.5/4	100	1933950000
PTR 2.5/4 BL	100	1933970000

Type	Qty.	Part No.
PTR 2.5/4 O TNHE	100	1933910000

Accessories

Cross-connection, pluggable



2-pole
 3-pole
 4-pole
 10-pole

End plate / Partition plate

End plate	dark beige Wemid
Partition plate	dark beige Wemid

End bracket

dark beige

Screwdrivers

Standard

Test plug

Plug dia. 2.3 mm

Holder for cartridge fuse, 5 x 20mm

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

Module connector (max. 250 V)

reversed insertion possible
 without fittings
 with wire jumper
 with 1N4007 diode

Disconnecting plug

yellow Wemid

Labelling systems

Marking tags

For detailed information on other accessories and applications see "Accessories"

Type	Current [A]	Qty.	Part No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000

width [mm]			
PAP PTR2.5/4	3	20	1934680000

width [mm]			
ZEW 35	6	20	9540000000

SD 0.5x3.0x80	1	9008320000
---------------	---	------------

PS 2.3 RT	20	1804000000
-----------	----	------------

SIHA 3/G20	25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000

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

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

DEK 5 / WS 10/5

Type	Current [A]	Qty.	Part No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000

width [mm]			
PAP PTR2.5/4	3	20	1934680000

width [mm]			
ZEW 35	6	20	9540000000

SD 0.5x3.0x80	1	9008320000
---------------	---	------------

PS 2.3 RT	20	1804000000
-----------	----	------------

SIHA 3/G20	25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000

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

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

DEK 5 / WS 10/5

* UL and CSA approvals are pending

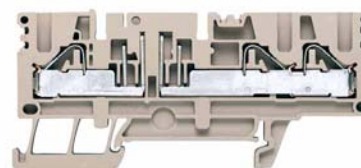
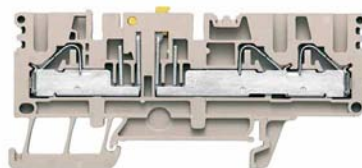
Disconnect terminals

PTR 2.5/4 3AN

2.5 mm²

PTR 2.5/4 3AN O TNHE

2.5 mm²



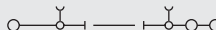
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

5.1 x 85 x 39.5

22 / 6

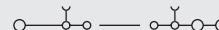
0.13 ... 6



5.1 x 85 x 39.5

22 / 6

0.13 ... 6



Technical data

Rated data	
Rated voltage, feed-through terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

IEC 60947-7-1 / VDE 0100-537

IEC	UL*	CSA*	EN 60079-7
500	300	300	
22	10	10	
2.5	AWG 28... 10	AWG 28... 10	
6 / 3			
A3 / V-0			
UL SR			

Rated connection

0.5...6
0.5...4 / 0.5...4
12 / 0.6 x 3.5

PTR can be used with PS2.3

IEC 60947-7-1 / VDE 0100-537

IEC	UL*	CSA*	EN 60079-7
500	300	300	
22	10	10	
2.5	AWG 28... 10	AWG 28... 10	
6 / 3			
A3 / V-0			
UL SR			

Rated connection

0.5...6
0.5...4 / 0.5...4
12 / 0.6 x 3.5

PTR can be used with PS2.3

Ordering data

Version	
	dark beige Wemid
	blue Wemid
	without disconnecter, dark beige Wemid
Note	

Type	Qty.	Part No.
PTR 2.5/4/3AN	100	1933980000
PTR 2.5/4/3AN BL	100	1933930000

Type	Qty.	Part No.
PTR 2.5/4/3AN O TNHE	100	1933990000

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
End plate	dark beige Wemid
Partition plate	dark beige Wemid
End bracket	
	dark beige
Screwdrivers	
	Standard
Test plug	
	Plug dia. 2.3 mm
Holder for cartridge fuse, 5 x 20mm	
	400 V AC/DC, without LED
	10-36 V AC/DC, red LED
	140-250 V AC/DC, red LED
Module connector (max. 250 V)	
reversed insertion possible	without fittings
	with wire jumper
	with 1N4007 diode
Disconnecting plug	
	yellow Wemid
Labelling systems	
	Marking tags

Type	Current [A]	Qty.	Part No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
width [mm]			
PAP PTR2.5/4/3AN	3	20	1934690000
width [mm]			
ZEW 35	6	20	9540000000
SD 0.5x3.0x80		1	9008320000
PS 2.3 RT		20	1804000000
SIHA 3/G20		25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR		50	1878570000
BEST/D		50	1878560000
TNST		50	1833090000
DEK 5 / WS 10/5			

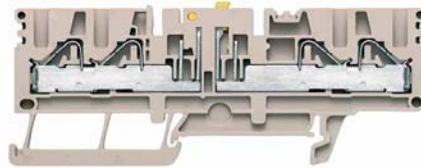
Type	Current [A]	Qty.	Part No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
width [mm]			
PAP PTR2.5/4/3AN	3	20	1934690000
width [mm]			
ZEW 35	6	20	9540000000
SD 0.5x3.0x80		1	9008320000
PS 2.3 RT		20	1804000000
SIHA 3/G20		25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR		50	1878570000
BEST/D		50	1878560000
TNST		50	1833090000
DEK 5 / WS 10/5			

*UL and CSA approvals are pending

Disconnect terminals

PTR 2.5/4 4AN

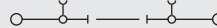
2.5 mm²



5.1 x 99 x 39.5

22 / 6

0.13 ... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL*	CSA*	EN 60079-7
500	300	300	
22	10	10	
2.5	AWG 28... 10	AWG 28... 10	
6 / 3			
A3 / V-0			
UL ®			

Rated connection

0.5...6

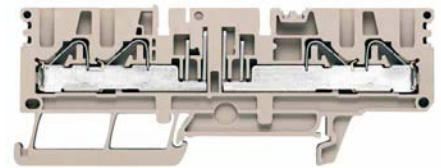
0.5...4 / 0.5...4

12 / 0.6 x 3.5

PTR can be used with PS2.3

PTR 2.5/4 4AN O TNHE

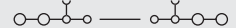
2.5 mm²



5.1 x 99 x 39.5

22 / 6

0.13 ... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL*	CSA*	EN 60079-7
500	300	300	
22	10	10	
2.5	AWG 28... 10	AWG 28... 10	
6 / 3			
A3 / V-0			
UL ®			

Rated connection

0.5...6

0.5...4 / 0.5...4

12 / 0.6 x 3.5

PTR can be used with PS2.3

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height with TS 35 x 7.5 mm
max. current / max. cond. cross-section A/mm²
max. clamping range mm²

Technical data

Rated data	
Rated voltage, feed-through terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / Flexible with wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Note

Ordering data

Version	
	dark beige Wemid
	blue Wemid
	without disconnecter, dark beige Wemid

Note

Type	Qty.	Part No.
PTR 2.5/4/4AN	100	1933940000
PTR 2.5/4/4AN BL	100	1934000000

Type	Qty.	Part No.
PTR 2.5/4/4AN O TNHE	100	1933890000

Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate	
End plate	dark beige Wemid
Partition plate	dark beige Wemid

End bracket	
	dark beige

Screwdrivers	
	Standard

Test plug	
	Plug dia. 2.3 mm

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

Module connector (max. 250 V)	
reversed insertion possible	without fittings
	with wire jumper
	with 1N4007 diode

Disconnecting plug	
	yellow Wemid

Labelling systems	
	Marking tags

For detailed information on other accessories and applications see "Accessories"

Type	Current [A]	Qty.	Part No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
width [mm]			
PAP PTR2.5/4/4AN	3	20	1934700000
width [mm]			
ZEW 35	6	20	9540000000
width [mm]			
SD 0.5x3.0x80		1	9008320000
width [mm]			
PS 2.3 RT		20	1804000000
width [mm]			
SIHA 3/G20		25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000

width [mm]	
BEST	50
BEST/DRBR	50
BEST/D	50
width [mm]	
TNST	50

DEK 5 / WS 10/5

Type	Current [A]	Qty.	Part No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
width [mm]			
PAP PTR2.5/4/4AN	3	20	1934700000
width [mm]			
ZEW 35	6	20	9540000000
width [mm]			
SD 0.5x3.0x80		1	9008320000
width [mm]			
PS 2.3 RT		20	1804000000
width [mm]			
SIHA 3/G20		25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000

width [mm]	
BEST	50
BEST/DRBR	50
BEST/D	50
width [mm]	
TNST	50

DEK 5 / WS 10/5

* UL and CSA approvals are pending

Argentina	Iran	Singapore
Australia	Ireland	Slovakia
Austria	Israel	Slovenia
Azerbaijan	Italy	South Africa
Bahrain	Japan	South Korea
Belarus	Jordan	Spain
Belgium	Kazakhstan	Sweden
Bosnia-Herzegovina	Kuwait	Switzerland
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Czech Republic	Montenegro	USA
Denmark	Netherlands	Venezuela
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Estonia	Oman	
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Weidmuller, Canada
10 Spy Court
Markham, Ontario L3R5H6
Telephone: (800) 268-4080
Facsimile: (905) 475-2798
Email: info1@weidmuller.ca
Website: www.weidmuller.ca

Weidmuller, Mexico
Blvd. Hernamos Serdán 698,
Col. San Rafael Oriente Puebla,
Puebla, C.P. 72029, Mexico
Telephone: 01 222 2686227
Facsimile: 01 222 2686219
Email: clientes@weidmuller.com.mx
Website: www.weidmuller.com.mx

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

