

# Terminal blocks with Push In connection technology



Product Information



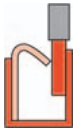
# Terminal blocks with Push In connection technology

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# Terminal blocks with Push In connection technology (P-Series)



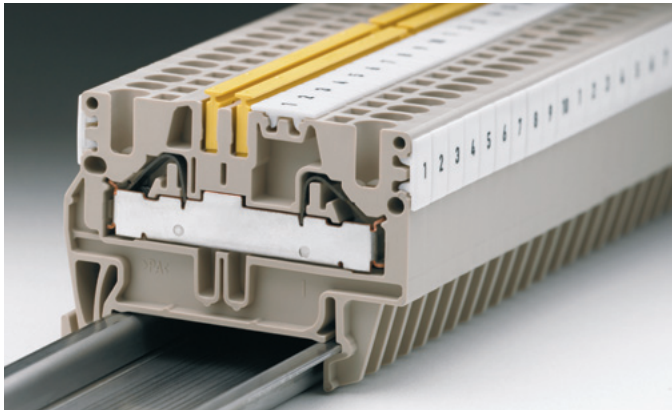
## “Less is more”

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 mm<sup>2</sup> (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 mm<sup>2</sup> terminals available to date, however, with 30 A they have the rated current of a 4 mm<sup>2</sup> 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



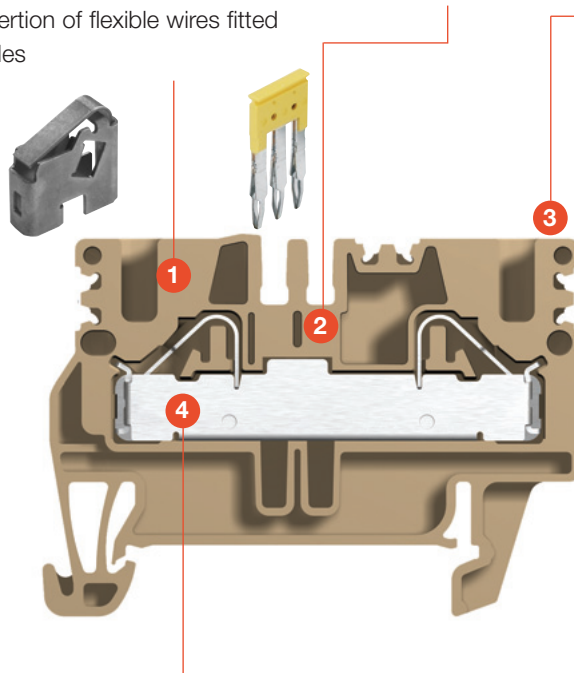
## Overview of products

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

## 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



## 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.

## 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.

### 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.

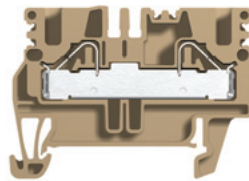
### Standards

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).

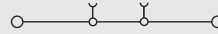
# Feed-through terminals

## PDU 2.5/4

4 mm<sup>2</sup>



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



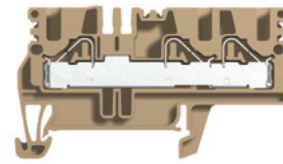
IEC 60947-7-1

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

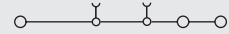
Rated connection	further connection
0.5...6	
0.5...4 / 0.5...4	
12 / 3.0 x 0.5	

## PDU 2.5/4 3AN

4 mm<sup>2</sup>



5.1 x 66 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	

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/mm<sup>2</sup>  
max. clamping range mm<sup>2</sup>

### Technical data

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

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

### 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

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
ZQV 2.5/20	24	20	1908960000

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

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

Type	Qty.	Order No.
PTA PDU2.5/4	25	1916180000
PTA ZA PDU2.5/4	25	1916190000

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

Type	Qty.	Order No.
PRH 2.5/4/1	100	1916410000
PRH 2.5/4/2	100	1916400000

Type	Qty.	Order No.
PAD 2.5/4/4	80	1916150000

Type	
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
ZQV 2.5/20	24	20	1908960000

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

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

Type	Qty.	Order No.
PTA PDU2.5/4	25	1916180000
PTA ZA PDU2.5/4	25	1916190000

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

Type	Qty.	Order No.
PRH 2.5/4/1	100	1916410000
PRH 2.5/4/2	100	1916400000

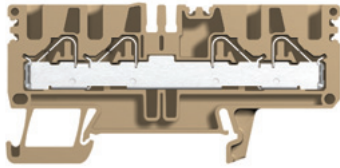
Type	Qty.	Order No.
PAD 2.5/4/4	80	1916150000

Type	
DEK 5 / WS 10/5	

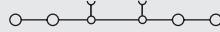
# Feed-through terminals

**PDU 2.5/4 4AN**

**4 mm<sup>2</sup>**



**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	

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

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

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

	width [mm]	Qty.	Order No.
ZEW 35	6	20	<b>9540000000</b>

PTA PDU2.5/4	25	<b>1916180000</b>
PTA ZA PDU2.5/4	25	<b>1916190000</b>

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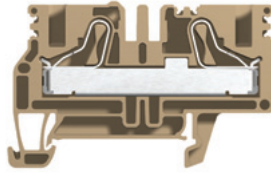
PRH 2.5/4/1	100	<b>1916410000</b>
PRH 2.5/4/2	100	<b>1916400000</b>

PAD 2.5/4/4	80	<b>1916150000</b>
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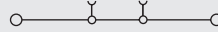
DEK 5 / WS 10/5

**PDU 6/10**

**10 mm<sup>2</sup>**



**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	

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

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

	width [mm]	Qty.	Order No.
PAP PDU6/10	3	20	<b>1896330000</b>

	width [mm]	Qty.	Order No.
ZEW 35	6	20	<b>9540000000</b>

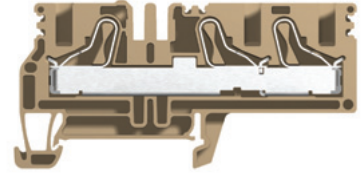
SD 0.5x3.0x80	1	<b>9008320000</b>
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PAD 6/10/4	80	<b>1916160000</b>
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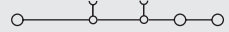
WS 10/8 MC NEUTRAL

**PDU 6/10 3AN**

**10 mm<sup>2</sup>**



**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 6/10/3AN	50	<b>1896150000</b>
PDU 6/10/3AN BL	50	<b>1896280000</b>

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

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

	width [mm]	Qty.	Order No.
ZEW 35	6	20	<b>9540000000</b>

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

# Feed-through 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/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

## Technical data

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

## Note

## Ordering data

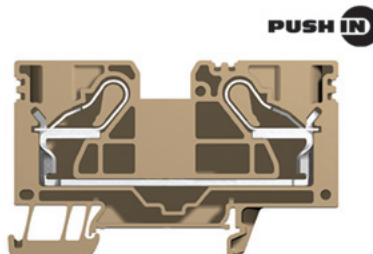
Version	
	dark beige Wemid
	blue Wemid
Note	

## 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"	

## PDU 16

16 mm<sup>2</sup>



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

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

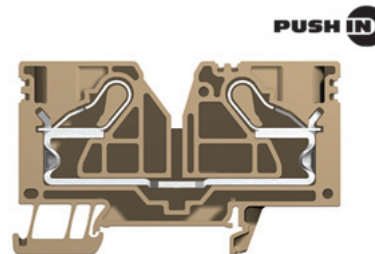
Rated connection	further connection
2.5...16	
2.5...16 / 2.5...16	
14 / 1.0 x 5.5	

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

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			

## PEI 16

16 mm<sup>2</sup>



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

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	

Type	Qty.	Order No.
PEI 16	25	1918780000
PEI 16 BL	25	1918790000
Note		
Terminal supplied with end plate. Separate end plate not required.		

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 mm<sup>2</sup>**

**PPE 2.5/4 3AN**

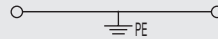
**4 mm<sup>2</sup>**



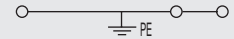
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

**width x length x height with TS 35 x 7.5** mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

**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 <sup>2</sup>
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 <sup>2</sup> )		
	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 <sup>2</sup> )		
	3		
	/ V-0		

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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 <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>

**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

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

Type	width [mm]	Qty.	Order No.
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 <sup>2</sup> / < AWG 20
for conductors < 1.0 mm <sup>2</sup> / < 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

Type	width [mm]	Qty.	Order No.
DEK 5 / WS 10/5			

Type	width [mm]	Qty.	Order No.
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 mm<sup>2</sup>**

**PPE 6/10**

**10 mm<sup>2</sup>**



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/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

**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 <sup>2</sup>
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 <sup>2</sup> )		
	3		
	/ V-0		

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
10	AWG 14... 8	AWG 16... 8	
800			
8			
	1200 A (10 mm <sup>2</sup> )		
	3		
	/ V-0		

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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
1.5...10	
1.5...10 / 1.5...10	
14 / 0.6 x 3.5	

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

**Note**

## Ordering data

Version
green/yellow Wemid

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

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

**Note**

## Accessories

End plate
dark beige Wemid

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

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

End bracket
dark beige / beige

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

Type	width [mm]	Qty.	Order No.
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 <sup>2</sup> / < AWG 20	PRH 2.5/4/1	100	1916410000
for conductors < 1.0 mm <sup>2</sup> / < AWG 18	PRH 2.5/4/2	100	1916400000

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

Marking systems
Marking tags

Type	width [mm]	Qty.	Order No.
DEK 5 / WS 10/5			

Type	width [mm]	Qty.	Order No.
WS 10/8 MC NEUTRAL			

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

## PPE 6/10 3AN

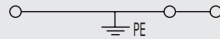
10 mm<sup>2</sup>



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 <sup>2</sup> )		
	3		
	/ V-0		

**Rated connection**

1.5...10

1.5...10 / 1.5...10

14 / 0.6 x 3.5

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

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

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

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

## PPE 16

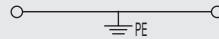
16 mm<sup>2</sup>



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 <sup>2</sup> )		
	3		
	/ V-0		

**Rated connection**

2.5...16

2.5...16 / 2.5...16

14 / 1.0 x 5.5

Type	Qty.	Order No.
PPE 16	10	1896210000

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

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

SD 1.0x5.5x150	1	9008350000
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ZQV 16/2	25	1739690000
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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/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

## Technical data

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

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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

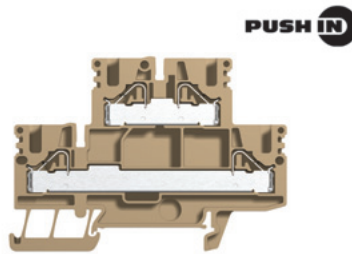
Cover	
	with lightning flash symbol
	blank

Labelling systems	
	Marking tags

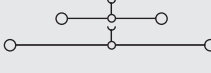
For detailed information on other accessories and applications see "Accessories"

## PDK 2.5/4

4 mm<sup>2</sup>



**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	

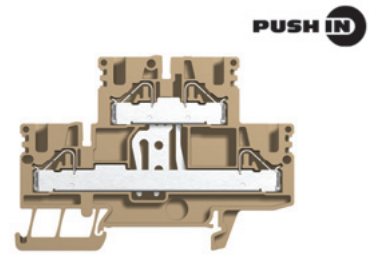
Note

Type	Qty.	Order No.
PDK 2.5/4	50	1918770000
PDK 2.5/4 BL	50	1918760000

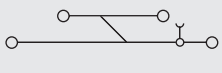
\*Pending UL and CSA approval

## PDK 2.5/4 V

4 mm<sup>2</sup>



**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	

Note

Type	Qty.	Order No.
PDK 2.5/4V	50	1918730000
PDK 2.5/4V BL	50	1918680000

\*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]	

width [mm]	
SD 0.5x3.0x80	1 9008320000

width [mm]	
PRH 2.5/4/1	100 1916410000
PRH 2.5/4/2	100 1916400000

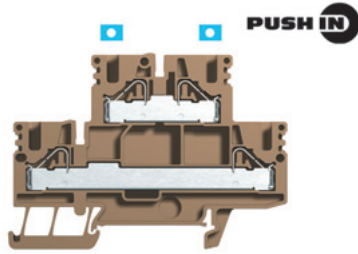
width [mm]	
PAD 2.5/4/4	80 1916150000

width [mm]	

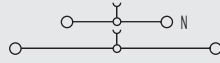
DEK 5 / Snap Mark I

## PDK 2.5/4 N-L

4 mm<sup>2</sup>



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**

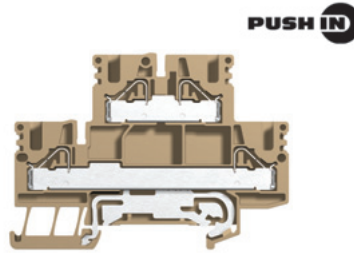
0.5...6

0.5...4 / 0.5...4

12 / 3.0 x 0.5

## PDK 2.5/4 L-PE

4 mm<sup>2</sup>



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]	Qty.	Order No.
PAP PDK 2.5/4	3 100	1919720000

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

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 / 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]	Qty.	Order No.
PAP PDK 2.5/4	3 100	1919720000

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

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 / Snap Mark I

# Dual-level PE terminals

**PDK 2.5/4 PE**

**4 mm<sup>2</sup>**

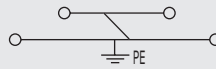
**PUSH IN**



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/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

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



## Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
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 <sup>2</sup> )		
	3		
	/ V-0		

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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 <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>

**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]	Qty.	Order No.	
ZEW 35	6	20	9540000000

Testing / Checking	
For testing wired terminal strips	Standard with spigot

Screwdrivers	
with cutting device "swifty set"	Standard

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

Reducing sleeves			
for conductors < 0.5 mm <sup>2</sup> / < AWG 20	PRH 2.5/4/1	100	1916410000
for conductors < 1.0 mm <sup>2</sup> / < AWG 18	PRH 2.5/4/2	100	1916400000

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

Marking systems
Marking tags

DEK 5 / WS 10/5
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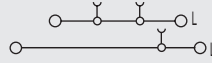
For detailed information on other accessories and applications see "Accessories"

## PDL 4 L/L

4 mm<sup>2</sup>



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/mm<sup>2</sup>  
max. clamping range mm<sup>2</sup>

### Technical data

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

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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

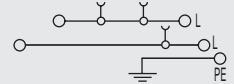
For detailed information on other accessories and applications see "Accessories"

## PDL 4 L/L/PE

4 mm<sup>2</sup>



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



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		

Note

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

Note

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]	

Type	Qty.	Order No.
SDI 0.4x2.5x75	1	9008370000
SDI 0.4x2.5x75	1	9008370000

width [mm]	

width [mm]	

width [mm]	

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

# Dual-level terminals

PDL 4 N/L/PE

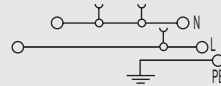
4 mm<sup>2</sup>



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/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

**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 <sup>2</sup>
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 <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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]			
PAP PDL4	3	20	1883210000

End bracket	
dark beige Wemid	


width [mm]			
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
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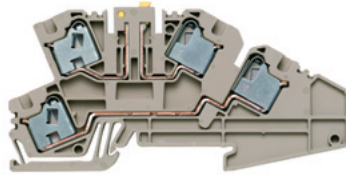
For detailed information on other accessories and applications see "Accessories"



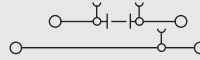
# Dual-level disconnect terminals

## PDL 4/TR/DU

4 mm<sup>2</sup>



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



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

Solid / stranded	mm <sup>2</sup>	0.5...6
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>	0.5...4 / 0.5...4
Tightening torque range (clamping screw)	Nm	
Stripping length / Blade size	mm / -	12 / 3.0 x 0.5

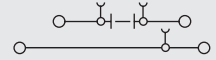
20A bottom level  
10A top level

## PDL 4/TR/DU O TNHE

4 mm<sup>2</sup>



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



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

Solid / stranded	mm <sup>2</sup>	0.5...6
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>	0.5...4 / 0.5...4
Tightening torque range (clamping screw)	Nm	
Stripping length / Blade size	mm / -	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/mm<sup>2</sup>  
max. clamping range mm<sup>2</sup>

## Technical data

### Rated data

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

### Clamped conductors (H05V/H07V)

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

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

Solid / stranded	mm <sup>2</sup>	
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>	

### Note

## 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]	Qty.	Order No.
PAP PDL4	3	20	1883210000

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

	width [mm]	Qty.	Order No.
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

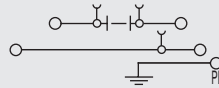
# Dual-level disconnect terminals

## PDL 4/TR/DU/PE

4 mm<sup>2</sup>



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	

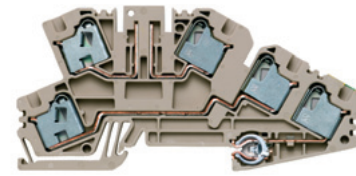
### Rated connection

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

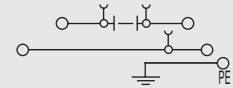
20A bottom level  
10A top level

## PDL 4/TR/DU/PE O TNHE

4 mm<sup>2</sup>



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/mm<sup>2</sup>  
max. clamping range mm<sup>2</sup>

## Technical data

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

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

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

Note

## Ordering data

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

Note

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

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

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	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.

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 mm<sup>2</sup>

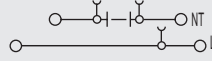
## PDL 4 NT/L/PE

4 mm<sup>2</sup>

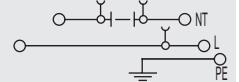
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

**width x length x height with TS 35 x 7.5** mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

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



**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 <sup>2</sup>
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	
20	10	10	
4	AWG 28... 10	AWG 28... 10	
		6 / 3	
		A3 / V-0	

IEC	UL	CSA	EN 60079-7
400	300	300	
20	10	10	
4	AWG 28... 10	AWG 28... 10	
		6 / 3	
		A3 / V-0	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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	

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

**Note**

**20A bottom level  
10A top level**

**20A bottom level  
10A top level**

### Ordering data

Version
dark beige Wemid blue Wemid

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

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

**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

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]			
PAP PDL4	3	20	1883210000

width [mm]			
PAP PDL4	3	20	1883210000

End bracket	
dark beige Wemid	

width [mm]			
ZEW 35/2	8	20	8630740000

width [mm]			
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
----------------	---	------------

SDI 0.4x2.5x75	1	9008370000
----------------	---	------------

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	
---------	--

DEK 5/5	
---------	--

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

# The additional functions

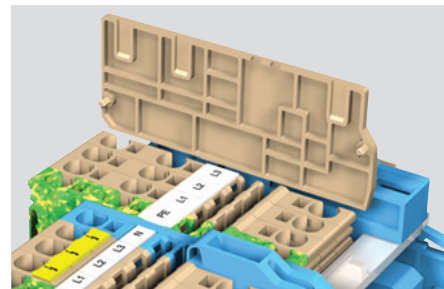
### Introduction

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.

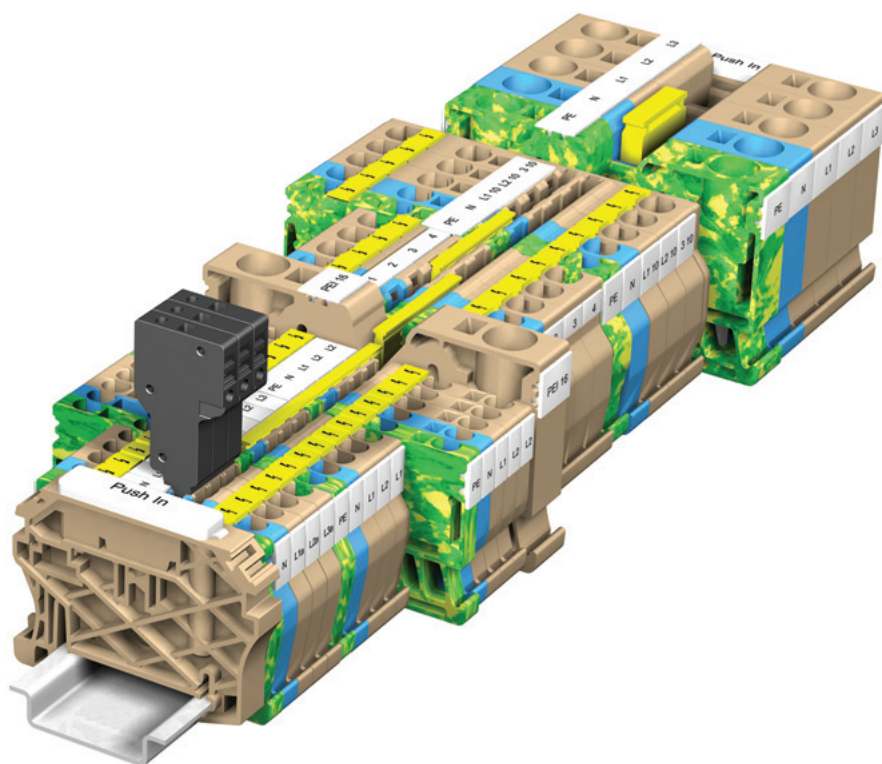
The accessories are subject to the same quality requirements as the terminals themselves.

### Holding and end plates

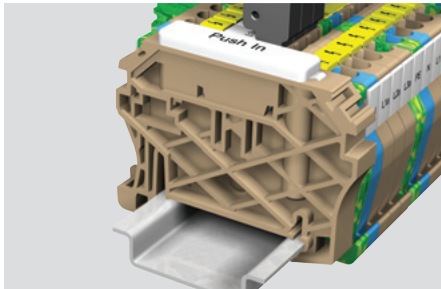
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Holding plates also take on the function of end plates in the P-Series and must be set every 200 mm when using 10 x 3 busbars.



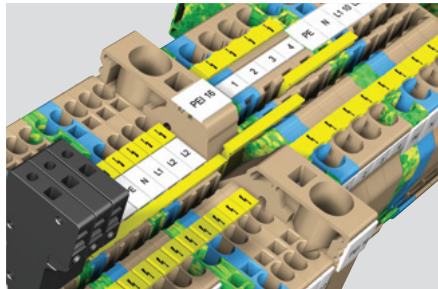
**Fastening**



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. Weidmuller's variety of end brackets and mounting rails can be viewed in the main catalog.

**Electrical supply**

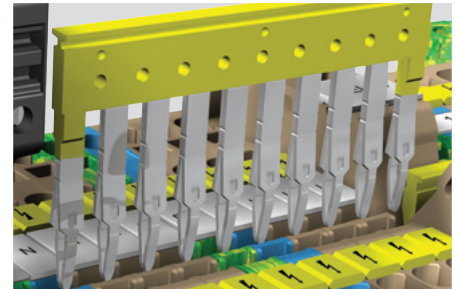
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Weidmuller's Push In terminals provide two options for feeding the electrical power supply: the power supply terminal PEI 16 and the feed-through terminals PDU 6/10 and PDU 2.5/4. The input current is split into several outgoing currents by means of cross-connectors. Power is supplied via a conductor cross-section of 16 mm<sup>2</sup> and then distributed to the neighboring terminals for cross-sections of 0.5 mm<sup>2</sup> to 10 mm<sup>2</sup>.

**Electrical distribution**

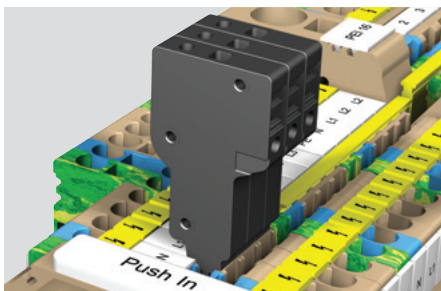
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A pluggable **cross-connection system (ZQV)** is available for all P-Series terminals. The power can be distributed to any number of other terminals simply by plugging the cross-connection into the middle of the terminal. Subject to the rated voltage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

**Testing**

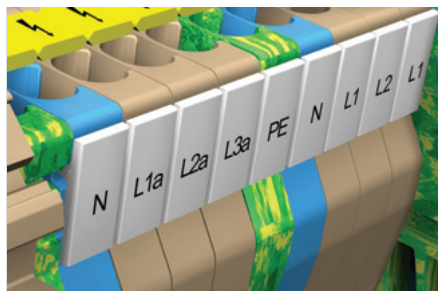
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The snap-in test adapter (PTA) is utilized both as a single slice as well as a test adapter strip for voltage measurements in electrical cabinets. The test adapter is ideal for convenient and efficient testing of assembled terminals. The test adapter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

**Marking and connecting**

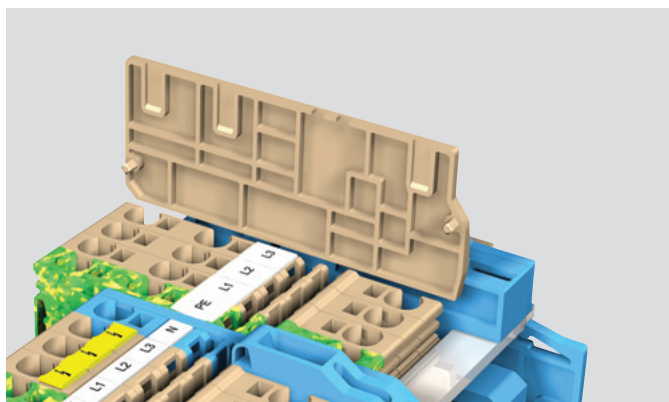
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Weidmuller marking systems from our main catalog are used to mark terminals equipped with Push In technology. Individual terminal points, terminal groups as well as conductors can be marked. Optional strip marking is available for all sizes of terminals;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

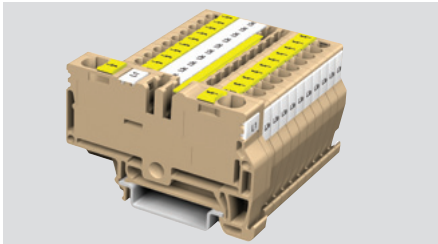
### Ordering data

Type PDU 2.5/4...	Color	Qty	Order No.	For terminals:
<b>Width 5 mm</b>				
PAP 2.5/4	dark beige	50	<b>1896300000</b>	PDU 2.5/4 PDU 2.5/4 BL PPE 2.5/4
<b>Width 5 mm</b>				
PAP 2.5/4 3AN	dark beige	50	<b>1896480000</b>	PDU 2.5/4 3AN PDU 2.5/4 3AN BL PPE 2.5/4 3AN
<b>Width 5 mm</b>				
PAP 2.5/4 4AN	dark beige	50	<b>1896320000</b>	PDU 2.5/4 4AN PDU 2.5/4 4AN BL PPE 2.5/4 4AN
<b>Width 5 mm</b>				
PHP/PNT 2.5/4	blue	50	<b>1896390000</b>	PNT 2.5/4
<b>Type PDK</b>				
<b>Width 5 mm</b>				
PAP/PDK 2.5/4	dark beige	50	<b>1919720000</b>	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
<b>Type PDU 6/10</b>				
<b>Width 8 mm</b>				
PAP 6/10	dark beige	50	<b>1896330000</b>	PDU 6/10 PDU 6/10 BL PPE 6/10
<b>Width 8 mm</b>				
PAP 6/10 3AN	dark beige	50	<b>1896340000</b>	PDU 6/10 3AN PDU 6/10 3AN BL PPE 6/10 3AN
<b>Width 8 mm</b>				
PHP/PNT 6/10	blue	50	<b>1896100000</b>	PNT 6/10
<b>Type PDU 16...</b>				
<b>Width 12 mm</b>				
PAP 16	dark beige	50	<b>1896290000</b>	PDU 16 PDU 16 BL PPE 16
<b>Width 12 mm</b>				
PHP/PNT 16	blue	50	<b>1896380000</b>	PNT 16

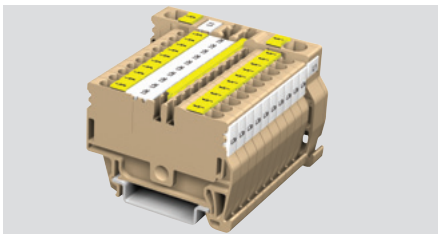
## Power supply via standard terminals

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
<b>PDU 2.5/4</b>	<b>PDU 2.5/4</b>	<b>ZQV 2.5/...</b>	•	•
	<b>PDU 2.5/4/3AN</b>	<b>ZQV 2.5/...</b>	•	
	<b>PDU 2.5/4/4AN</b>	<b>ZQV 2.5/...</b>	•	

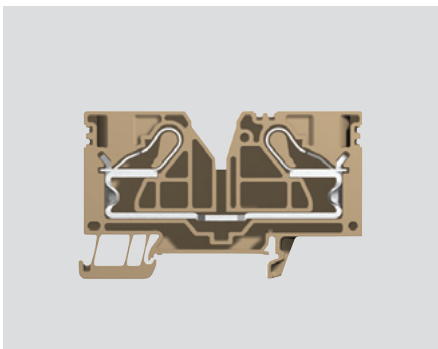
<b>PDU 2.5/4/3AN</b>	<b>PDU 2.5/4</b>	<b>ZQV 2.5/...</b>		•
	<b>PDU 2.5/4/3AN</b>	<b>ZQV 2.5/...</b>	•	•
	<b>PDU 2.5/4/4AN</b>	<b>ZQV 2.5/...</b>	•	

<b>PDU 2.5/4/4AN</b>	<b>PDU 2.5/4</b>	<b>ZQV 2.5/...</b>		•
	<b>PDU 2.5/4/3AN</b>	<b>ZQV 2.5/...</b>		•
	<b>PDU 2.5/4/4AN</b>	<b>ZQV 2.5/...</b>	•	•

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

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

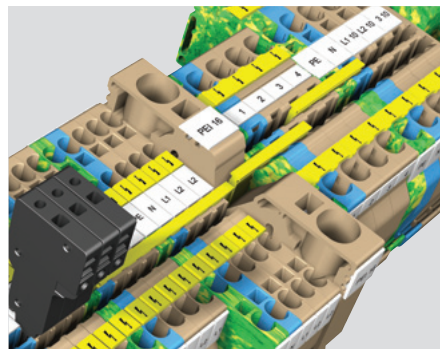
## Power supply terminal PEI 16



The power supply terminal PEI 16 gives you the option of supplying power via conductor cross-sections up to 25 mm<sup>2</sup>. 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.

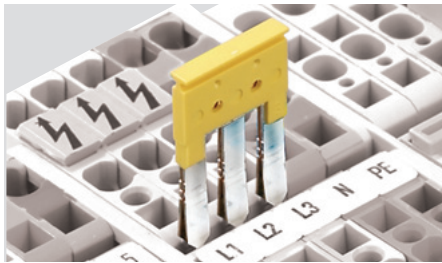
## Optional conductor exit, left and right



## Output options and the required cross-connections

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

### 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.



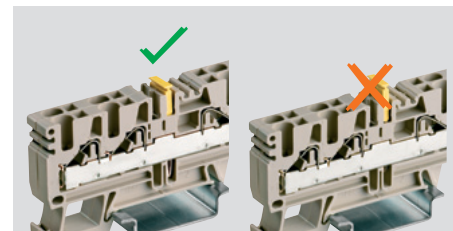
### Inserting and replacing

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

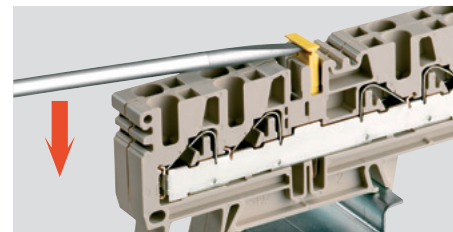
- Insert the cross-connection into cross-connection channel of the terminal ...



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



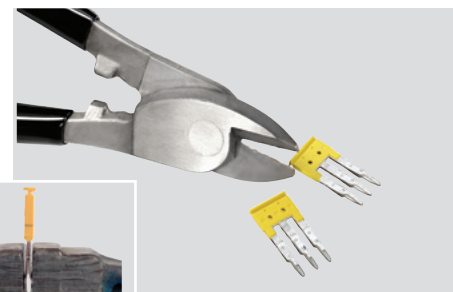
- To remove or replace, simply lever out the respective cross-connector using a screwdriver.



### 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).

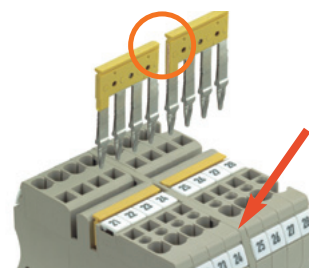
However, three contact elements must remain.



### Caution:

**Do not allow contact elements to become deformed!**

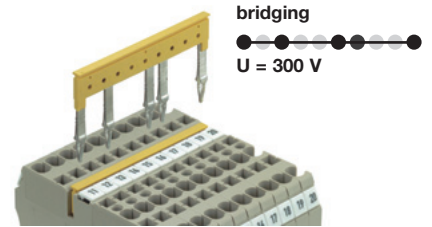
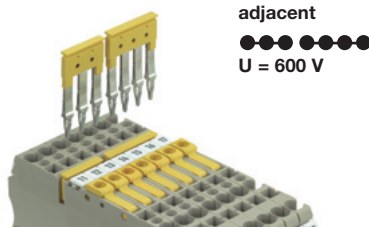
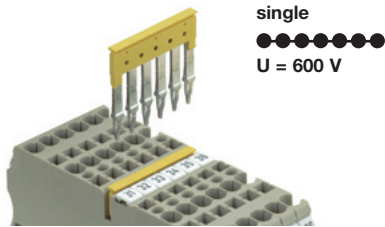
If the user shortens the cross-connections in conjunction with the terminals PDU 2.5/4... , it is necessary to use end plates (PAP) in order to maintain the rated voltage (at the bare, cut edges of the cross-connection).



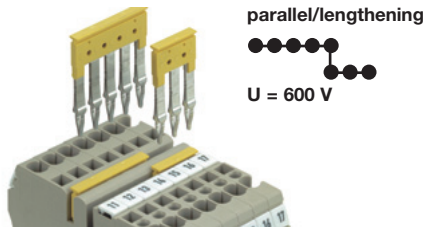
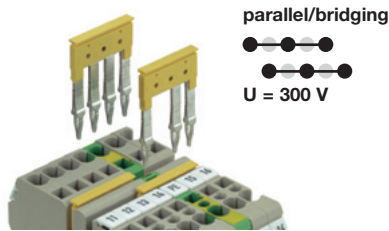


## Combination options

### 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
<b>For terminal Standard</b>		
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
<b>For terminal Standard</b>		
PDU 6/10		
PDU 6/10 3AN		
PNT 6/10		

### ZQV 16/2



Type	Qty	Order No.
ZQV 16/2	25	1739690000
<b>For terminal Standard</b>		
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 mm<sup>2</sup> to 1.5 mm<sup>2</sup> can be clamped. Contact is made with the live busbar by simply snapping the test adapter into the terminal.

#### Dimensions

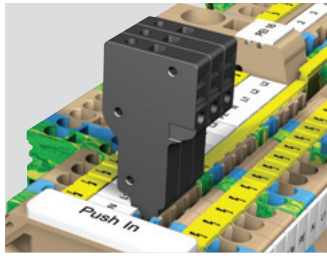
Height (with TS 35 x 7.5)	mm	59
Length	mm	20
Mounting width	mm	5.1
Insulation stripping length	mm	6.0

#### Rated voltage / current / cross-section

In accordance with IEC 60 947-7-1

### PTA

for terminal width 5.1 mm



Height (with TS 35 x 7.5)	mm	59
Length	mm	20
Mounting width	mm	5.1
Insulation stripping length	mm	6.0

250 V / 9 A / 1.5 mm<sup>2</sup>

#### Clampable conductor

solid core H 07V-U	mm <sup>2</sup>	0.5 ... 1.5
flexible H 07V-K	mm <sup>2</sup>	1.0 ... 1.5
flexible with ferrules (DIN 46228/1)	mm <sup>2</sup>	0.5 ... 1.5

#### Ordering data

1-pole	
with snap-in spigots	

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 <sup>2</sup> , grey	
for conductor 1 mm <sup>2</sup> , 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.

### BZT



#### Ordering data

Mark on one side

Mark on both sides

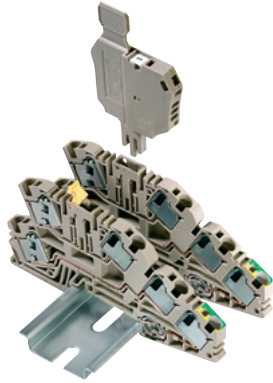
Type	Qty	Order No.
BZT 1 WS 10/5	100	1805940000
BZT 1 ZA WS 10/5	100	1805520000
BZT 2 WS 10/5	100	1805480000
BZT 2 ZA WS 10/5	100	1805530000

#### 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

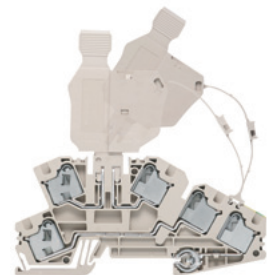
## SIHA 3



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



## SIHA STRAP



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

### For disconnect terminal type

PDL 4...

PDL 4 TR/...

	Qty	Order No.
with strap		
<b>SIHA STRAP</b>	20	<b>9537680000</b>

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

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

	Short-circuit protection		Overload and short-circuit protection	
	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		

## 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
		0.25	(F) G 20/0.25A/F	10	0430500000
		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

Switching capacity 1500 A  
(at 250 V, 50 Hz, cos φ 0,7)

(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 <sup>2</sup>	PZ 6 Roto	1
Stripping tool for up to 6 mm <sup>2</sup>	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	Weidmuller	9203650000

Crimp-Set PZ 16 Push In



Assembly

Article description	Type	Qty.
Crimping tools for wire end ferrules, 6 to 16 mm <sup>2</sup>	PZ 16	1
Stripping tool for up to 6 mm <sup>2</sup>	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

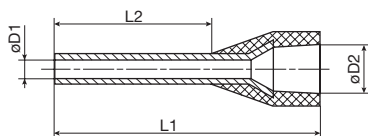
length x width x height	340/270/60 mm
Weight	1725 g

Ordering data

Type	Color code	Order No.
Crimp Set PZ 16 PI	Weidmuller	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 mm<sup>2</sup> (AWG 26 – 6)

Tin-plated copper

Dimensional tolerances to DIN 46228 part 4

### Weidmuller color code

in multipack bag

### Ordering data

Type	Cross-section, mm <sup>2</sup>	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

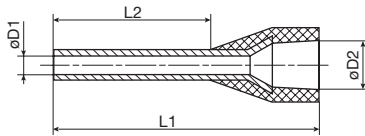
### Weidmuller color code

packed loose

### Ordering data

Type	Cross-section, mm <sup>2</sup>	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 mm<sup>2</sup> (AWG 20 – 6)  
 Tin-plated copper  
 Dimensional tolerances to DIN 46228 part 4

DIN color code

packed loose

Ordering data

Type	Cross-section, mm <sup>2</sup>	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	901900000
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

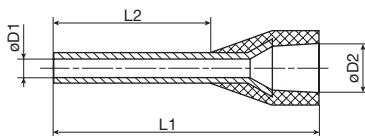
other color code

packed loose

Ordering data

Type	Cross-section, mm <sup>2</sup>	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 mm<sup>2</sup> (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 <sup>2</sup>	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 mm<sup>2</sup>

**PTR 2.5/4 O TNHE**

2.5 mm<sup>2</sup>

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/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

**Technical data**

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

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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**

**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

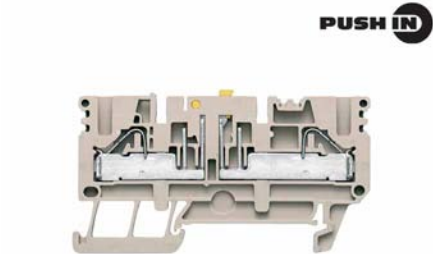
Module connector (max. 250 V)	
reversed insertion possible	without fittings
	with wire jumper
	with 1N4007 diode

Disconnecting plug	
	yellow Wemid

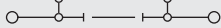
Labelling systems	
	Marking tags

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


\* UL and CSA approvals are pending



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			
			

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

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

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

width [mm]	
ZEW 35	6 20

SD 0.5x3.0x80	
	1

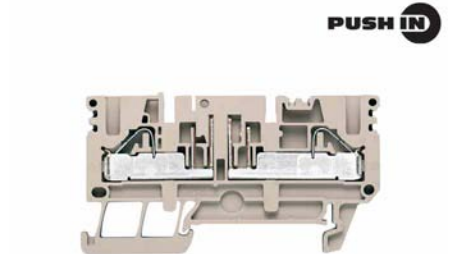
PS 2.3 RT	
	20

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

BEST	
	50
BEST/DRBR	
	50
BEST/D	
	50

TNST	
	50


DEK 5 / WS 10/5	
-----------------	--



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			
			

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

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

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

width [mm]	
ZEW 35	6 20

SD 0.5x3.0x80	
	1

PS 2.3 RT	
	20

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

BEST	
	50
BEST/DRBR	
	50
BEST/D	
	50

TNST	
	50

DEK 5 / WS 10/5	
-----------------	--



# Disconnect 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/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>


## Technical data

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

## Ordering data

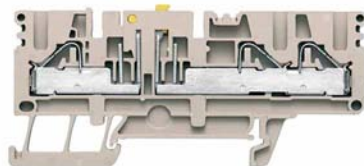
Version	
	dark beige Wemid
	blue Wemid
	without disconnecter, dark beige Wemid
Note	

## 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"	

## PTR 2.5/4 3AN

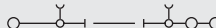
2.5 mm<sup>2</sup>




5.1 x 85 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			
			

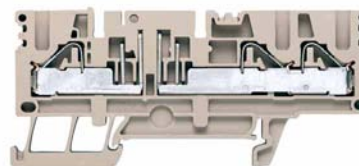
### Rated connection

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 3AN O TNHE

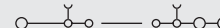
2.5 mm<sup>2</sup>




5.1 x 85 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			
			

### Rated connection

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

PTR can be used with PS2.3

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

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			

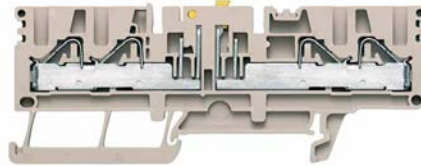
Type	Current [A]	Qty.	Part No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
width [mm]			
PAP PTR2.5/4/3AN	3	20	1934690000
width [mm]			
ZEW 35	6	20	9540000000
SD 0.5x3.0x80		1	9008320000
PS 2.3 RT		20	1804000000
SIHA 3/G20		25	7921560000
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

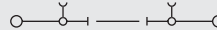
# Disconnect terminals

## PTR 2.5/4 4AN

2.5 mm<sup>2</sup>



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

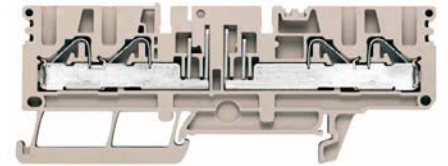
### Rated connection

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

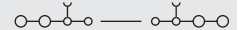
PTR can be used with PS2.3

## PTR 2.5/4 4AN O TNHE

2.5 mm<sup>2</sup>



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

### 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/mm<sup>2</sup>  
max. clamping range mm<sup>2</sup>

### Technical data

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

### Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
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	SIHA 3/G20	25	7921560000
10-36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V	25	7921570000
140-250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V	25	7921600000

#### 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

#### 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
--------	---	----	------------

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

PS 2.3 RT		20	1804000000
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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 PTR2.5/4/4AN	3	20	1934700000
------------------	---	----	------------

#### 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

Argentina	Iran	Singapore
Australia	Ireland	Slovakia
Austria	Israel	Slovenia
Azerbaijan	Italy	South Africa
Bahrain	Japan	South Korea
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Belgium	Kazakhstan	Sweden
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	Serbia	

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