



Terminal blocks with PUSH IN connection technology

Wiring is quick and safe

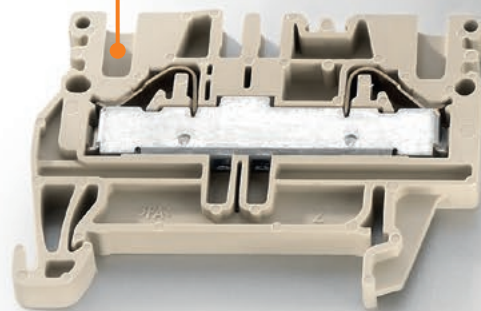
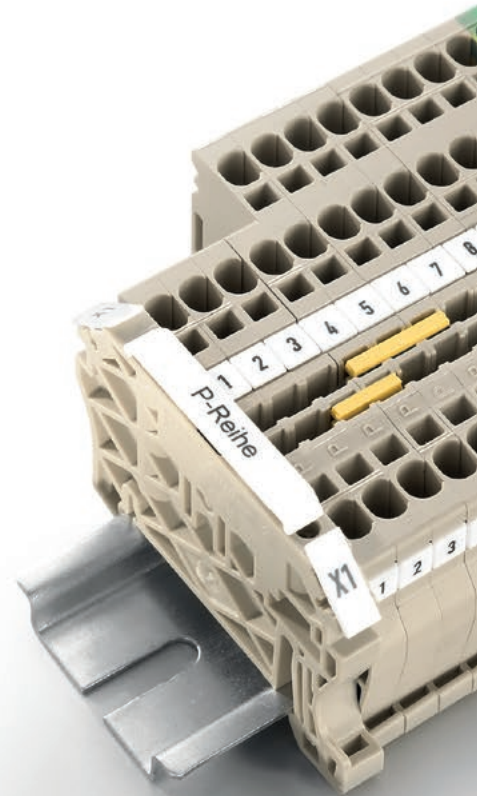
Increase your efficiency. The PUSH IN connection method and the associated reduction in the number of versions will help you.

Among the impressive features of the direct PUSH IN connection system are minimal wiring times and reliable, simple handling. Compared to the 3-conductor tension clamps, the direct PUSH IN system achieves time savings of up to 50 percent when connecting the conductor (3.5 seconds per conductor). The stripped solid conductor is simply pushed into the terminal as far as it will go – that's all there is to it. No tools are required, and the result is a reliable, vibration-resistant, gas-tight connection. Even flexible conductors with crimped wire end ferrules or ultrasonicwelded conductors can be connected without any problems.



Quick and safe

Wiring time is significantly reduced with the direct insertion technique for solid-core and flexible stranded wires with ferrules thanks to the PUSH IN connection method – considerably quicker to connect and no need for additional tools.





Simple operation

The PUSH IN contact's spring movement is limited by the spring stop mechanism, improper use is prevented by the design of the terminals.

Contact security

The long-term contact force between wire and busbar is ensured with a stainless steel spring. The busbar is made of copper with a tin alloy, this ensures a very low voltage drop.

Wemid insulating material

- Non-tracking CTI 600
- Thermally stable up to 120 °C
- V0 flammability rating to UL94
- Halogen and phosphor free, flame-retardant

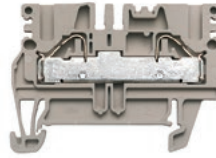
Spring connection with PUSH IN technology (P-Series)
Feed-through terminal blocks



PDU 2.5/4

4 mm²

Two connections



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



Width/Height/Depth mm
max. current / max. cond. cross-section -/mm²
Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	Gauge to IEC 60947-1 / UL 94 flammability rating
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	blue
Note	

Accessories

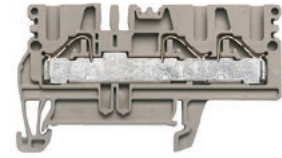
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0.5 mm ² / AWG 20
	For conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Identification systems	

For detailed information on other accessories and application in the online catalogue

PDU 2.5/4 3AN

4 mm²

Three connections



5.1 x 67.5 x 38
/ 6
0.13...6



Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	Gauge to IEC 60947-1 / UL 94 flammability rating
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP 2.5/4/3AN		50	1896480000
ZEW 35		20	9540000000
PTA PDU2.5/4		25	1916180000
PTA ZA PDU2.5/4		25	1916190000
SDS 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
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

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

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

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP 2.5/4		50	1896300000
ZEW 35		20	9540000000
PTA PDU2.5/4		25	1916180000
PTA ZA PDU2.5/4		25	1916190000
SDS 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
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

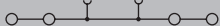
PDU 2.5/4 4AN

4 mm²

Four connections



5.1 x 78.5 x 38
/ 6
0.13...6



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	30	30	29
4	AWG 26...10	AWG 26...10	4 mm ²
8 kV / 3			
A3 / V-0			

CE KEMA06ATEX0177U

Rated connection

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

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

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

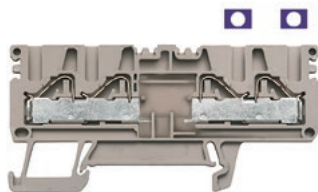
Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP 2.5/4/4AN		50	1896320000
ZEW 35		20	9540000000
PTA PDU2.5/4		25	1916180000
PTA ZA PDU2.5/4		25	1916190000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1		100	1916410000
PRH 2.5/4/2		100	1916400000
PAD 2.5/4/4		80	1916150000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

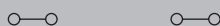
PDU 2.5/4 2x2

4 mm²

2 x 2 connections



5.1 x 78 x 38
/ 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
32			
4			
8 kV / 3			
A3 / V-0			

CE

Rated connection

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

Type	Qty.	Order No.
PDU 2.5/4/2X2AN	50	1022220000
PDU 2.5/4/2X2AN BL	50	1043220000

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

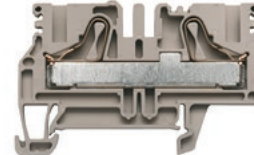
Type	current	Qty.	Order No.
PAP 2.5/4/4AN		50	1896320000
ZEW 35		20	9540000000
PTA PDU2.5/4		25	1916180000
PTA ZA PDU2.5/4		25	1916190000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1		100	1916410000
PRH 2.5/4/2		100	1916400000
PAD 2.5/4/4		80	1916150000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PDU 6/10

10 mm²

Two connections



8.1 x 64.5 x 40.5
57 / 10
1.5...10



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
57	44	46	36.5
10	AWG 14...8	AWG 14...10	6 mm ²
8 kV / 3			
A4 / V-0			

CE KEMA06ATEX0177U

Rated connection

1.5...10 / 10...10
1.5...10 / 1.5...10
14 / 0.6 x 3.5 mm

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

For 10 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203620000).

Type	current	Qty.	Order No.
ZQV 6N/2		60	1906210000
ZQV 6N/3		60	1906220000
ZQV 6N/4		60	1906230000
PAP PDU6/10		20	1896330000
ZEW 35		20	9540000000
SDS 0.6X3.5X100		1	9008330000
PAD 6/10/4		80	1916160000
WS 10/8 PLUS MC NE WS		420	1905950000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000



Spring connection with PUSH IN technology (P-Series)
Feed-through terminal blocks

Universal range

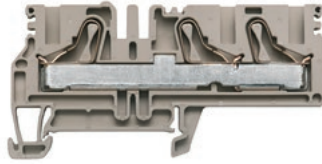
A



PDU 6/10 3AN

10 mm²

Three connections



8.1 x 82.5 x 40.5
57 / 10
1.5...10



Width/Height/Depth mm
 max. current / max. cond. cross-section A/mm²
 Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	blue
Note	

Accessories

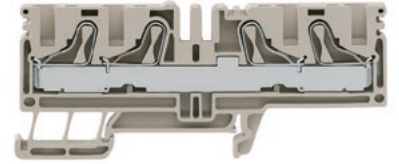
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	Standard
	With spigot
Screwdriver	Standard
Reducing sleeves	For conductors < 0.5 mm ² / AWG 20
	For conductors < 1.0 mm ² / AWG 18
Cover	With lightning flash symbol
Identification systems	

For detailed information on other accessories and application in the online catalogue

PDU 6/10 4AN

10 mm²

Three connections



8.1 x 97 x 40.5
57 / 10
1.5...10



IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800	600		550
57	47		36.5
10	AWG 14...8		6 mm ²
8 kV / 3			
A4 / V-0			
CE KEMA06ATEX0177U			
Rated connection			
1.5...6 / 10...10			
1.5...10 / 1.5...10			
14 / 0.6 x 3.5 mm			
Note			

Type	Qty.	Order No.
PDU 6/10/3AN	50	1896150000
PDU 6/10/3AN BL	50	1896280000
For 10 mm ² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203620000).		

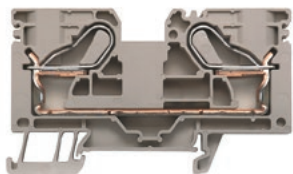
Type	current	Qty.	Order No.
ZQV 6N/2		60	1906210000
ZQV 6N/3		60	1906220000
ZQV 6N/4		60	1906230000
PAP PDU 6/10/3AN		20	1896340000
ZEW 35		20	9540000000
SDS 0.6X3.5X100		1	9008330000
PAD 6/10/4		80	1916160000
WS 10/8 PLUS MC NE WS		420	1905950000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

For detailed information on other accessories and application in the online catalogue

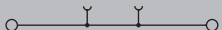
PDU 16

16 mm²

Two connections



12.1 x 80.5 x 47.5
/ 16
2.5...16



Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
76	75	78	59
16	AWG 14...4	AWG 14...4	16 mm ²

8 kV / 3
B6 / V-0

CE KEMA06ATEX0177U

Rated connection

2.5...16
2.5...16 / 2.5...16
18 / 1.0 x 5.5 mm

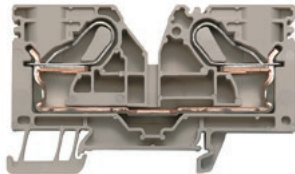
Type	Qty.	Order No.
PDU 16	25	1896400000
PDU 16 BL	10	1896220000

Type	current	Qty.	Order No.
ZQV 16/2	76 A	25	1739690000
PAP 16		10	1896290000
ZEW 35		20	9540000000
SDIS SL 1.0X5.5X125		1	1274680000
PAD 16/4		80	1916170000
WS 12/8 PLUS MC NE WS		420	1906000000

PEI 16

16 mm²

Supply terminal



15 x 80.5 x 47.5
/ 16
2.5...16



Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
76	75	78	66.5
16	AWG 14...4	AWG 14...4	16 mm ²

8 kV / 3
B6 / V-0

CE KEMA06ATEX0177U

Rated connection

2.5...16
2.5...16 / 2.5...16
18 / 1.0 x 5.5 mm

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

Terminal contains end plate.
No separate end plate is necessary.

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 6N/3		60	1906220000
ZEW 35		20	9540000000
SDIS SL 1.0X5.5X125		1	1274680000
PAD 16/4		80	1916170000
WS 12/8 PLUS MC NE WS		420	1906000000



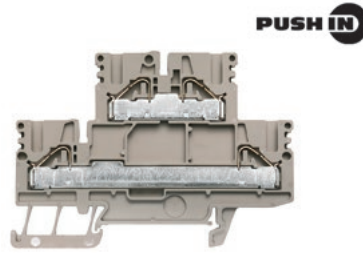
Spring connection with PUSH IN technology (P-Series)
Feed-through terminal blocks



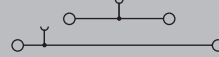
PKD 2.5/4

4 mm²

Double-level terminal



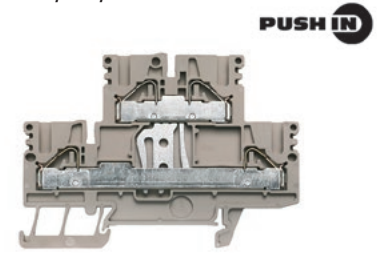
5.1 x 82.5 x 58
32 / 6
0.13...6



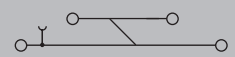
PKD 2.5/4 V

4 mm²

Vertical cross-connected double-level terminal. Cross-connector for the bottom layer only.



5.1 x 82.5 x 58
32 / 6
0.13...6



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	Gauge to IEC 60947-1 / UL 94 flammability rating
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	blue
	green/yellow
Note	

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
End bracket	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	Standard
Reducing sleeves	
	For conductors < 0.5 mm ² / AWG 20
	For conductors < 1.0 mm ² / AWG 18
Cover	With lightning flash symbol
Identification systems	

IEC 60947-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	30	30	28
4	AWG 26...10	AWG 26...10	4 mm ²
8 kV / 3			
A3 / V-0			

CE KEMA06ATEX0177U

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

For 2.5 mm² 24 A

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

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PDK 2.5/4		20	1919720000
ZEW 35		20	9540000000
PTA PDU2.5/4		25	1916180000
PTA ZA PDU2.5/4		25	1916190000
SDS 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
DEK 5/5 MC NE WS		1000	1609801044
SNAPMARK I		50	1805880000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

IEC 60947-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	30	30	29
4	AWG 26...10	AWG 26...10	4 mm ²
8 kV / 3			
A3 / V-0			

CE KEMA06ATEX0177U

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

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

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

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PDK 2.5/4		20	1919720000
ZEW 35		20	9540000000
PTA PDU2.5/4		25	1916180000
PTA ZA PDU2.5/4		25	1916190000
SDS 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
DEK 5/5 MC NE WS		1000	1609801044
SNAPMARK I		50	1805880000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

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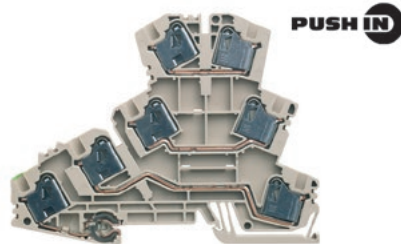
Spring connection with PUSH IN technology (P-Series)

Feed-through terminal blocks



PMAK 4

4 mm²



PMAK 4 800 V

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 103.86 x 78.3	
30 / 6	
0.5...6	

6.1 x 107.5 x 82	
32 / 6	
0.5...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1 (-7-2)			
IEC	UL	CSA	EN 60079-7
400	300		
30	29		
4	AWG 26...10		
6 kV / 3			
A3 / V-0			
CE, VDE, IEC			
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
12 / 0.4 x 2.5 mm			
Note			

IEC 60947-7-1 (-7-2)			
IEC	UL	CSA	EN 60079-7
800	600		
32	29		
4	AWG 26...10		
8 kV / 3			
A3 / V-0			
CE, VDE, IEC			
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
12 / 0.4 x 2.5 mm			
Note			

Ordering data

Version	
	dark beige
Note	

Type	Qty.	Order No.
PMAK 4	50	1221340000
Note		

Type	Qty.	Order No.
PMAK 4 800V	50	1221350000
Note		

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Identification systems	

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PMAK 4		20	1221360000
ZEW 35/2		20	8630740000
SDS 0.4X2.5X75		1	9009030000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Type	current	Qty.	Order No.
ZEW 35/2		20	8630740000
SDS 0.4X2.5X75		1	9009030000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000

For detailed information on other accessories and application in the online catalogue



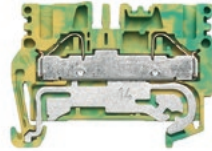
Spring connection with PUSH IN technology (P-Series)
PE terminal blocks



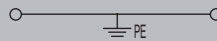
PPE 2.5/4

4 mm²

Two connections



5.1 x 53 x 38
/ 6
0.13...6



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm ²
800			
8			
480 A (4 mm ²)			
3			
A3 / V-0			

CE

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Width/Height/Depth mm
max. current / max. cond. cross-section -/mm²
Max. clamping range mm²

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	green/yellow

Note

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Standard
Reducing sleeves	For conductors < 0.5 mm ² / AWG 20 For conductors < 1.0 mm ² / AWG 18
Cover	With lightning flash symbol
Identification systems	

For detailed information on other accessories and application in the online catalogue

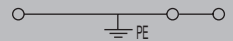
PPE 2.5/4 3AN

4 mm²

Three connections



5.1 x 67 x 38
/ 6
0.13...6



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm ²
800			
8			
480 A (4 mm ²)			
3			
A3 / V-0			

CE

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

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

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Type	current	Qty.	Order No.
PAP 2.5/4		50	1896300000
ZEW 35		20	9540000000
SDS 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
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

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

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

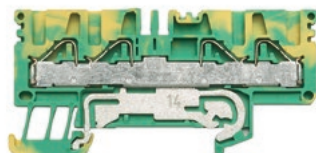
Type	current	Qty.	Order No.
PAP 2.5/4/3AN		50	1896480000
ZEW 35		20	9540000000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1		100	1916410000
PRH 2.5/4/2		100	1916400000
PAD 2.5/4/4		80	1916150000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PPE 2.5/4 4AN

4 mm²

Four connections

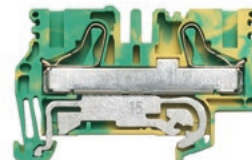


5.1 x 80 x 38
/ 6
0.13...6

PPE 6/10

6 mm²

Two connections



8.1 x 63.5 x 40.5
/ 10
1.5...10

Width/Height/Depth mm
max. current / max. cond. cross-section -/mm²
Max. clamping range mm²

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	green/yellow

Note

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Standard
Reducing sleeves	For conductors < 0.5 mm ² / AWG 20 For conductors < 1.0 mm ² / AWG 18
Cover	With lightning flash symbol
Identification systems	

IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm ²
800			
8			
480 A (4 mm ²)			
3			
A3 / V-0			

CE

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

IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 14...8	AWG 14...8	6 mm ²
800			
8			
1200 A (10 mm ²)			
3			
A4 / V-0			

CE

Rated connection	
1.5...6	
1.5...10 / 1.5...10	
14 / 0.6 x 3.5 mm	

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

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Type	current	Qty.	Order No.
PAP 2.5/4/4AN		50	1896320000
ZEW 35		20	9540000000
SDS 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
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

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

For 10 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203620000).

Type	current	Qty.	Order No.
PAP PDU6/10		20	1896330000
ZEW 35		20	9540000000
SDS 0.5X3.0X80		1	9008320000
PAD 6/10/4		80	1916160000
WS 10/8 PLUS MC NE WS		420	1905950000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

For detailed information on other accessories and application in the online catalogue

Detailed information for working with twin ferrules can be found in the P Series Accessories section.



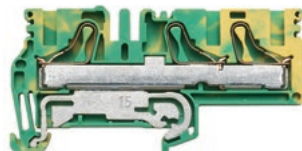
Spring connection with PUSH IN technology (P-Series) PE terminal blocks



PPE 6/10 3AN

6 mm²

Three connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

8.1 x 81.5 x 40.5
/ 10
1.5...10



Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

IEC 60947-2	Ex e II		II 2 G D
IEC	UL	CSA	EN 60079-7
6	AWG 14...8	AWG 14...8	6 mm ²
800			
8			
1200 A (10 mm ²)			
3			
A4 / V-0			

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

CE			
Rated connection			
1.5...6			
1.5...10 / 1.5...10			
14 / 0.6 x 3.5 mm			

Note

Ordering data

Version	green/yellow
Note	

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

For 10 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203620000).

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Standard
Reducing sleeves	For conductors < 0.5 mm ² / AWG 20 For conductors < 1.0 mm ² / AWG 18
Cover	With lightning flash symbol
Identification systems	

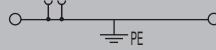
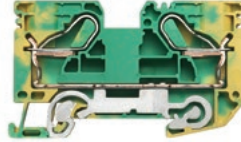
Type	current	Qty.	Order No.
PAP PDU6/10/3AN		20	1896340000
ZEW 35		20	9540000000
SDS 0.5X3.0X80		1	9008320000
PAD 6/10/4		80	1916160000
WS 10/8 PLUS MC NE WS		420	1905950000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

For detailed information on other accessories and application in the online catalogue

PPE 16

16 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

12.1 x 81 x 47.5
/ 16
2.5...16

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 14...4	16 mm ²
800			
8			
1920 A (16 mm ²)			
3			
B6 / V-0			

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

CE

Rated connection	
2.5...16	
2.5...16 / 2.5...16	
18 / 1.0 x 5.5 mm	

Note

Ordering data

Version	green/yellow
Note	

Type	Qty.	Order No.
PPE 16	10	1896210000

Accessories

Pluggable cross-connection	2-pole
End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Standard
Cover	With lightning flash symbol
Identification systems	

Type	current	Qty.	Order No.
ZQV 16/2	76 A	25	1739690000
PAP 16		10	1896290000
ZEW 35		20	9540000000
SDIS SL 1.0X5.5X125		1	1274680000
PAD 16/4		80	1916170000
WS 10/12 MC NE WS		300	1905970000

For detailed information on other accessories and application in the online catalogue



Spring connection with PUSH IN technology (P-Series) PE terminal blocks

PDK 2.5/4 PE

4 mm²

Universal range

A



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 82.5 x 58	
/ 6	
0.13...6	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm ²
800			
8			
480 A (4 mm ²)			
3			
A3 / V-0			

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	-/-

CE

Rated connection	
0.5...6	
0.5...4 / 0.5...4	
0.5...1.5	

Note

Ordering data

Version	green/yellow
Note	

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

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Standard
Reducing sleeves	For conductors < 0.5 mm ² / AWG 20 For conductors < 1.0 mm ² / AWG 18
Cover	With lightning flash symbol
Identification systems	

Type	current	Qty.	Order No.
PAP PDK 2.5/4		20	1919720000
ZEW 35		20	9540000000
SDS 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
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

Detailed information for working with twin ferrules can be found in the P Series Accessories section.



Spring connection with PUSH IN technology (P-Series)

Fuse terminal blocks

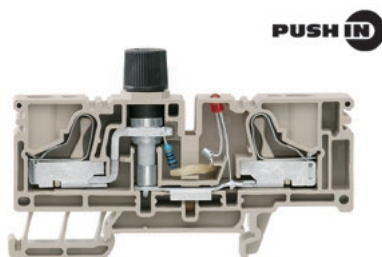


PSI 6/10

6 mm²

PSI 6/10

Overload and short-circuit protection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

12.2 x 81 x 39.6
10 / 10
1.5...10

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
250			
6.3			
6			
		8 kV / 3	
		V-0	
CE			
Rated connection			
1.5...6			
1.5...10 / 1.5...10			
0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	dark beige
	black
	black
Note	

Type	Qty.	Order No.
PSI 6/10	25	1083050000
PSI 6/10/LD 10-36V	25	1231880000
PSI 6/10/LD 10-36V SW	25	1231870000
PSI 6/10 SW	25	1165140000
Short-circuit protection aligned individually: 10 A and 4 W.		

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	black
End bracket	
	dark beige
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Identification systems	

Type	current	Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
End plate / Partition plate			
PAP PTL/PSI 6/10		20	1165320000
PAP PTL/PSI 6/10 SW		20	1165330000
End bracket			
ZEW 35		20	9540000000
Screwdriver			
SDS 0.5X3.0X80		1	9008320000
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)			
G 20/0.25A/F		10	0430500000
G 20/0.50A/F		10	0430600000
G 20/1.00A/F		10	0430700000
G 20/2.00A/F		10	0430900000
Identification systems			
WS 10/8 PLUS MC NE WS		420	1905950000

Type	Order No.			
PSI 6/10	1083050000			
Applications				
Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	35 °C	2.5 W / 6.3 A		
In combination	26 °C	2.5 W / 6.3 A		

For detailed information on other accessories and application in the online catalogue

Every second cross-connection pin must be broken out.

Cartridge fuses and gauge rings for Weidmüller-fuse terminal blocks

Fuse cartridges

for terminal type:

PSI 6/10
WSI 4
WSI 6
AFS 4 2C BK
PSI 6/10 SW
ZSI 2.5
ZSI 2.5-2/2X2AN/G20
ZSI 6-2 2X2.5/G20
KDKS 1/35 DB



Ordering data

G-type fuse cartridges 5 x 20 without indicator in accordance with IEC 60127-2 (VDE 0820 T.2 BI)¹⁾

Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.
	0.1	quick-acting	G 20/0.10A/F	10	0430300000
	0.2	quick-acting	G 20/0.20A/F	10	0430400000
Cartridge fuse	0.25	quick-acting	G 20/0.25A/F	10	0430500000
Rated breaking capacity	0.5	quick-acting	G 20/0.50A/F	10	0430600000
	0.63	quick-acting	G 20/0.63A/F	10	0439000000
	1	quick-acting	G 20/1.00A/F	10	0430700000
	1.6	quick-acting	G 20/1.60A/F	10	0430800000
	2	quick-acting	G 20/2.00A/F	10	0430900000
	2.5	quick-acting	G 20/2.50A/F	10	0431000000
	3.15	quick-acting	G 20/3.15A/F	10	0431100000
	4	quick-acting	G 20/4.00A/F	10	0431200000
	5	quick-acting	G 20/5.00A/F	10	0431300000
	6.3	quick-acting	G 20/6.30A/F	10	0431400000

(M) = medium time-lag; (F) = quick-acting



Spring connection with PUSH IN technology (P-Series)

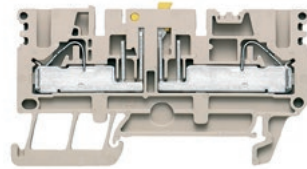
Test-disconnect terminal blocks



PTR 2.5/4

4 mm²

With isolator

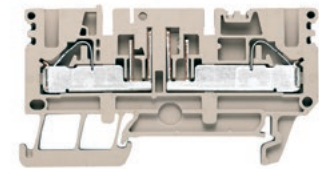


5.1 x 71 x 39
23 / 6
0.13...6

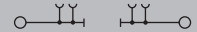


PTR 2.5/4 0 TNHE

4 mm²



5.1 x 71 x 39
23 / 6
0.13...6



Width/Height/Depth mm
max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	blue
	without isolator, dark beige
Note	

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Holder for cartridge fuse 5 x 20 mm	
	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)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	removable, as replacement for release lever
Identification systems	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600	600	
23	24	24	
4	AWG 26...10	AWG 26...10	
6 kV / 3			
A3 / V-0			

CE

Rated connection	
	0.5...6
	0.5...4 / 0.5...4
	0.5...1.5
	12 / 0.6 x 3.5 mm
Note	
For 2.5mm ² 22 A	

Type	Qty.	Order No.
PTR 2.5/4	50	1933950000
PTR 2.5/4 BL	50	1933970000
Note		
For 4 mm ² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).		

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PTR2.5/4		20	1934680000
ZEW 35		20	9540000000
SDS 0.5X3.0X80		1	9008320000
PS 2.3 RT		20	0180400000
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 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
23			
4			
6 kV / 3			
A3 / V-0			

CE

Rated connection	
	0.5...6
	0.5...4 / 0.5...4
	0.5...1.5
	12 / 0.6 x 3.5 mm
Note	
For 2.5mm ² 22 A	

Type	Qty.	Order No.
PTR 2.5/4 0 TNHE	50	1933910000
Note		
For 4 mm ² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).		

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PTR2.5/4		20	1934680000
ZEW 35		20	9540000000
SDS 0.5X3.0X80		1	9008320000
PS 2.3 RT		20	0180400000
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 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

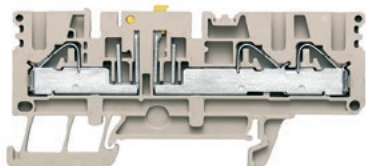
Detailed information for working with twin ferrules can be found in the P Series Accessories section.

For detailed information on other accessories and application in the online catalogue

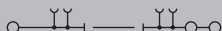
PTR 2.5/4 3AN

4 mm²

With isolator



5.1 x 85 x 39
24 / 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600	600	
24	24	24	
4	AWG 26...10	AWG 26...10	
6 kV / 3			
A3 / V-0			



Rated connection

0.5...6
0.5...4 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

For 2.5mm² 22 A

Type	Qty.	Order No.
PTR 2.5/4/3AN	50	1933980000
PTR 2.5/4/3AN BL	50	1933930000

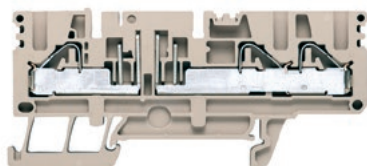
For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PTR2.5/4/3AN		20	1934690000
ZEW 35		20	9540000000
SDS 0.5X3.0X80		1	9008320000
PS 2.3 RT		20	0180400000
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 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

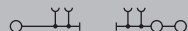
Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PTR 2.5/4 3AN 0 TNHE

4 mm²



5.1 x 85 x 39
24 / 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
24			
4			
6 kV / 3			
A3 / V-0			



Rated connection

0.5...6
0.5...4 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

For 2.5mm² 22 A

Type	Qty.	Order No.
PTR 2.5/4/3AN 0.TNHE	50	1933990000

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

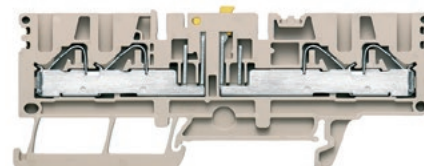
Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PTR2.5/4/3AN		20	1934690000
ZEW 35		20	9540000000
SDS 0.5X3.0X80		1	9008320000
PS 2.3 RT		20	0180400000
SIHA 3/G20		25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR		50	1878570000
BEST/D		50	1878560000
TNST		50	1833090000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PTR 2.5/4 4AN

4 mm²

With isolator



5.1 x 99 x 39
24 / 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600	600	
24	24	24	
4	AWG 26...10	AWG 26...10	
6 kV / 3			
A3 / V-0			



Rated connection

0.5...6
0.5...4 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

For 2.5mm² 22 A

Type	Qty.	Order No.
PTR 2.5/4/4AN	50	1933940000
PTR 2.5/4/4AN BL	50	1934000000

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PTR2.5/4/4AN		20	1934700000
ZEW 35		20	9540000000
SDS 0.5X3.0X80		1	9008320000
PS 2.3 RT		20	0180400000
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 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

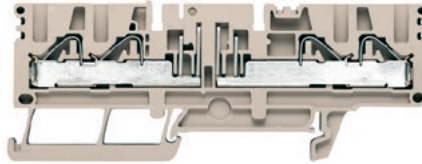


Spring connection with PUSH IN technology (P-Series)

Test-disconnect terminal blocks

PTR 2.5/4 4AN 0 TNHE

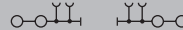
4 mm²



5.1 x 99 x 39

24 / 6

0.13...6



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
24			
4			
		6 kV / 3	
		A3 / V-0	

CE

Rated connection	
0.5...6	
0.5...4 / 0.5...4	
0.5...1.5	
12 / 0.6 x 3.5 mm	

For 2.5mm² 22 A

Ordering data

Version
dark beige
blue
without isolator, dark beige

Note

Type	Qty.	Order No.
PTR 2.5/4/4AN 0.TNHE	50	1933890000

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Holder for cartridge fuse 5 x 20 mm	
	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)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	removable, as replacement for release lever
Identification systems	

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PTR2.5/4/4AN		20	1934700000
ZEW 35		20	9540000000
SDS 0.5X3.0X80		1	9008320000
PS 2.3 RT		20	0180400000
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 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

Detailed information for working with twin ferrules can be found in the P Series Accessories section.





Support plates and end plates

PAP 2.5/4



Technical data	
Width	mm
Ordering data	
dark beige	
blue	
grey	
black	
Note	

2.5		
Type	Qty.	Order No.
PAP 2.5/4	50	1896300000
PAP 2.5/4 BL	50	1049210000
Note		

PAP 2.5/4/3AN



2.5		
Type	Qty.	Order No.
PAP 2.5/4/3AN	50	1896480000
PAP 2.5/4/3AN BL	50	1052300000
Note		

PAP 2.5/4/4AN



2.5		
Type	Qty.	Order No.
PAP 2.5/4/4AN	50	1896320000
PAP 2.5/4/4AN BL	50	1052290000
Note		

Support plates and end plates

PAP PDU6/10



Technical data	
Width	mm
Ordering data	
dark beige	
blue	
grey	
black	
Note	

2.5		
Type	Qty.	Order No.
PAP PDU6/10	20	1896330000
PAP PDU6/10 BL	50	1049200000
Note		

PAP PDU6/10/3AN



2.5		
Type	Qty.	Order No.
PAP PDU6/10/3AN	20	1896340000
Note		

PAP 16



2.7		
Type	Qty.	Order No.
PAP 16	10	1896290000
Note		

Support plates and end plates

PAP PDK 2.5/4



Technical data	
Width	mm
Ordering data	
dark beige	
blue	
grey	
black	
Note	

2.5		
Type	Qty.	Order No.
PAP PDK 2.5/4	20	1919720000
Note		

PAP PMAK 4



1		
Type	Qty.	Order No.
PAP PMAK 4	20	1221360000
Note		

PAP PTR2.5/4



2.5		
Type	Qty.	Order No.
PAP PTR2.5/4	20	1934680000
Note		

Support plates and end plates

PAP PTR2.5/4/3AN

PAP PTR2.5/4/4AN

PAP PTL/PSI 6/10



Technical data	
Width	mm
Ordering data	
dark beige	
blue	
grey	
black	
Note	

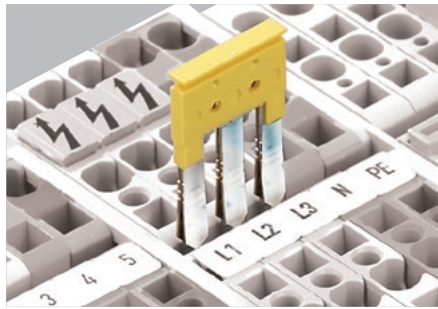
2.5		
Type	Qty.	Order No.
PAP PTR2.5/4/3AN	20	1934690000

2.5		
Type	Qty.	Order No.
PAP PTR2.5/4/4AN	20	1934700000

2.5		
Type	Qty.	Order No.
PAP PTL/PSI 6/10	20	1165320000
PAP PTL/PSI 6/10 SW	20	1165330000



Plug-in cross-connection ZQV



The time-saving, easy-to-use cross-connection combs for terminals, featuring PUSH IN technology.

- **ZQV 2.5** as 2- to 10-pole combs and
- **ZQV 6/N** as 2- to 4-pole combs and
- **ZQV 16/2** as 2-pole comb (link)

These versions come with complete shock protection.

However, please note that the rated voltage is reduced to 400 V when using cross-connections. This does not apply to terminals with a rated voltage below 400 V. Here the rated voltage of the used terminal is mandatory.

Breaking out contact elements

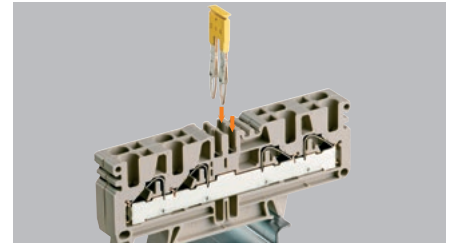
If one or more (max. 60 % for reasons of stability and temperature rise) of the contact elements are broken out of the cross-connections, terminals may be bypassed to suit the application.



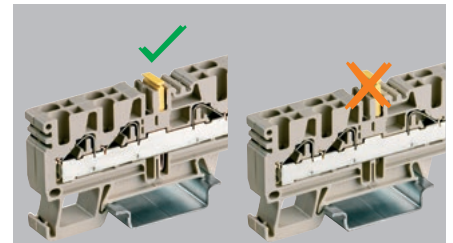
Fitting and changing cross-connections

The fitting and changing of cross-connections is a trouble-free and fast operation:

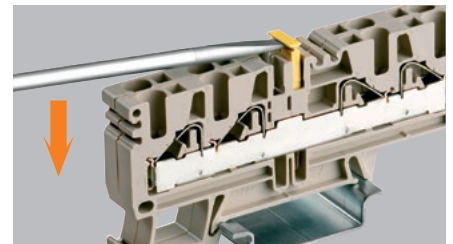
- Insert the cross-connection into the cross-connection channel in the terminal...



... and press it fully home. (The cross-connection may not project from the channel.)

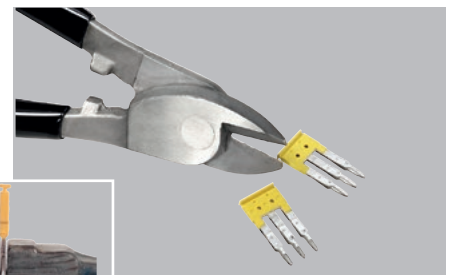


- Remove a cross-connection by simply prising it out with a screwdriver.



Shortening cross-connections

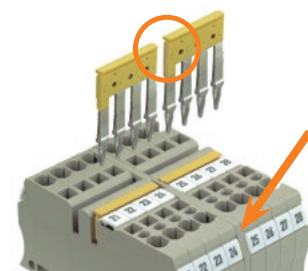
Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order no. 9002170000). However, three contact elements must always be retained.



Caution:
Contact elements must not be deformed!



Note:
In the use of manually cut ZQV cross-connections and cross-connections with bare cut edges (>10 poles), the voltage reduces to 25 V.





Spring connection with PUSH IN technology (P-Series)

Accessories

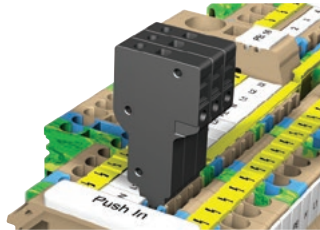
Test adapter

The PTA snap-on test adapter is used as an individual slice and also as a test adapter strip for measurements. Conductors with cross-sections from 0.5 mm² to 1.0 mm² can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Ordering data	
	1-pin
	with snap-in pegs

PTA

Standard



5.1 / 19.7		
6		
Technical data		
Product type		
Ordering data		
	for conductor 0,5 mm ² , grey	
	for conductor 1 mm ² , dark grey	
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	0.5...1.5
Flexible / Flexible with ferrule	mm ²	0.5...1.5 / 0.5...1.5
Ordering data		
Type	Qty.	Order No.
PTA PDU2.5/4	25	1916180000
PTA ZA PDU2.5/4	25	1916190000

Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the clamping point without the strands fraying. The use of a reducing sleeve centres the conductor in the entry point.

Packaged in sets of 100 x 10-pole strips

Technical data	
Product type	
Ordering data	
	for conductor 0,5 mm ² , grey
	for conductor 1 mm ² , dark grey

PRH 2.5/4

Reducing sleeves



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

Cover

The VDE standards call for power connection terminals to be covered. For this purpose, Weidmüller can supply yellow warning PAD covers with the "lightning flash" symbol. The cover is clipped into the screwdriver slit in the terminal and each one covers a group of four terminals.

Technical data	
Product type	
Ordering data	
	Terminal width, 5,1 mm
	Terminal width, 8 mm
	Terminal width, 12 mm

PAD



Cover			
Type	Qty.	Order No.	
PAD 2.5/4/4	80	1916150000	
PAD 6/10/4	80	1916160000	
PAD 16/4	80	1916170000	

Label

The BZT marking tags enable you to label the middle of the marking channel with the WS 10/5 tags. The marking tags can be put together with pins in order to achieve the greatest degree of stability.

Technical data	
Product type	
Ordering data	
	one-sided, without peg
	one-sided, with peg
	two-sided, without peg

BZT 1/BZT 2

Tag carriers



Marker holder		
Type	Qty.	Order No.
BZT 1 WS 10/5	100	1805490000
BZT 1 ZA WS 10/5	100	1805520000
BZT 2 WS 10/5	100	1805480000

SIHA fuse holder

For 5 x 20 G-fuse cartridges

The SIHA fuse holder converts a simple terminal into a fuse terminal in next to no time.

Simply remove the disconnect lever and insert the fuse plug.

Better: order the PDL 4... OTNHE and insert the SIHA immediately.

- Simple handling without tools
- Housing made of Wemid (VO)
- Rated current 6.3 A
- Even fits on 5 mm wide terminals when fitted in offset arrangement



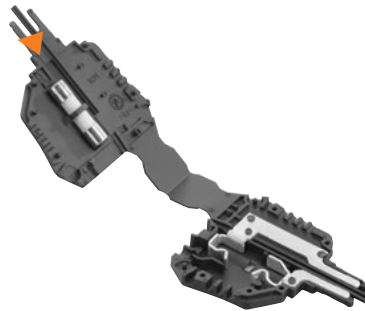
- Identification position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20



1. Open fuse holder with fingers or screwdriver.



2. Press out old fuse.



3. Position new fuse.



4. Press fuse holder together again with fingers or screwdriver.

SIHA 3



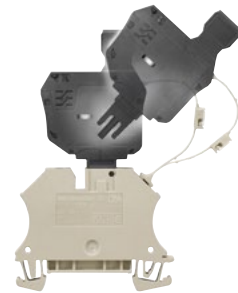
without LED		Qty.	Order No.
SIHA3/G20	400 V	1	7921560000
with LED (red)			
SIHA3/G20	10 - 36 V	1	7921570000
	35 - 70 V	1	7921580000
	60 - 150 V	1	7921590000
	140 - 250 V	1	7921600000

For test-disconnect terminals versions

PTR 2.5/4...

PDL 4 TR/...

SIHA STRAP



with strap	Qty.	Order No.
SIHA STRAP	20	9537680000

Connector for retro-fit assembly

- Receptacle in the terminal is the identification position
- Integrated identification position on the strap
- Slots into fuse holder either on the left or on the right

Applications with PTR 2.5/4..., 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
PTR 2.5/4...	Single	4.0 W	6.3 A	1.6 W	6.3 A
	Group	1.6 W	6.3 A		
PDL 4 TR/... und SIHA 3	Single	1.6 W	6.3 A	1.6 W	6.3 A
	Group	1.6 W	6.3 A		