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Modular Terminal Blocks

Catalogue 2012/2013

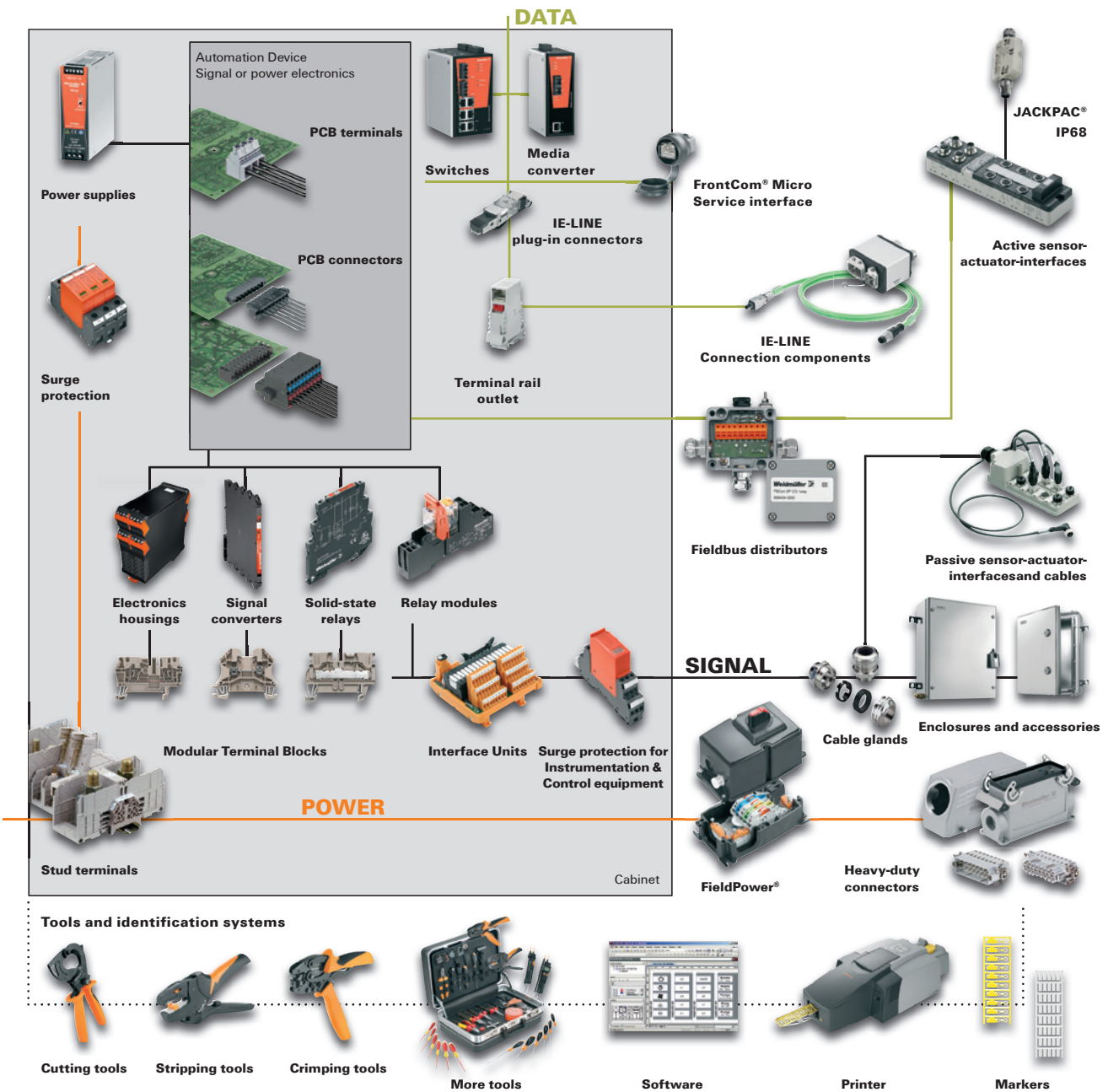
Connectivity



Weidmüller 

Product Portfolio

Weidmüller is a leading international provider of solutions for electrical connectivity, transmission and conditioning of power, signal and data in industrial environments. The company with headquarters in Detmold/Germany develops, produces and sells products in the field of electrical connectivity and electronics worldwide.
www.power-signal-data.com



Modular Terminal Blocks

Catalogue 1

Modular Terminal Blocks

Overview

Terminals, P-Series (PUSH IN technology)

Terminals, Z-Series (Tension clamp technology)

Terminals, W-Series, Stud terminals, SAK-Series (Screw connection technology)

Shield connection terminals KLBÜ

Accessories

A

B

C

D

E

F

Appendix

Weidmüller Solutions & Service

Technical appendix

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Search according to Type or order number
Addresses worldwide

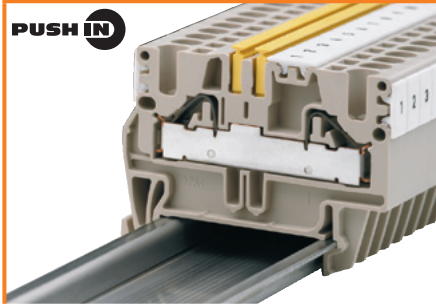
V

W

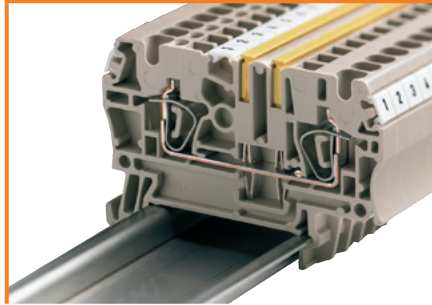
X

Modular Terminal Blocks

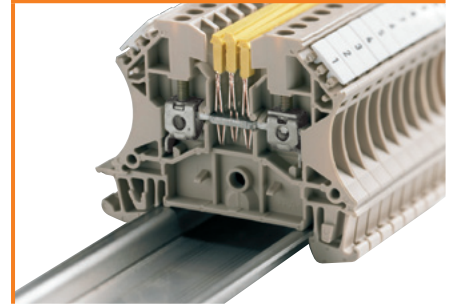
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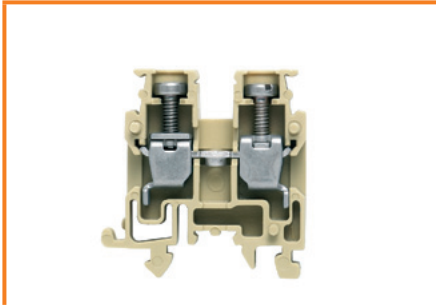
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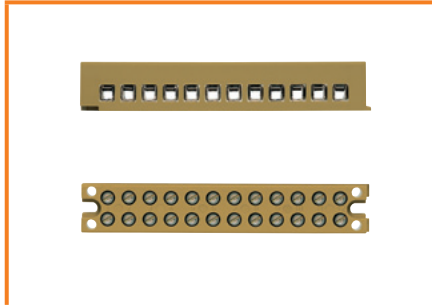
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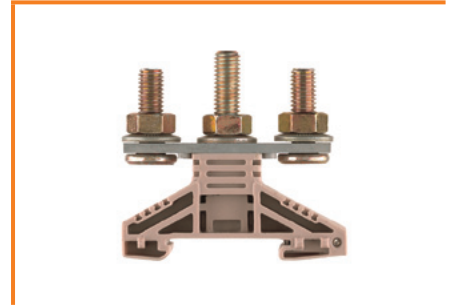
Modular terminals TS 15
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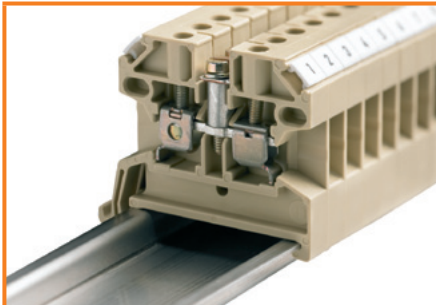
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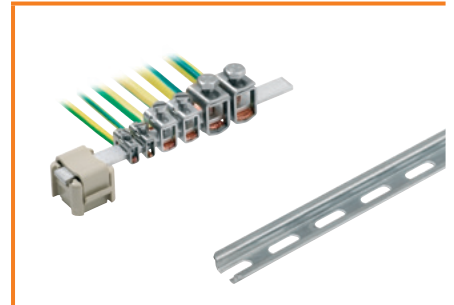
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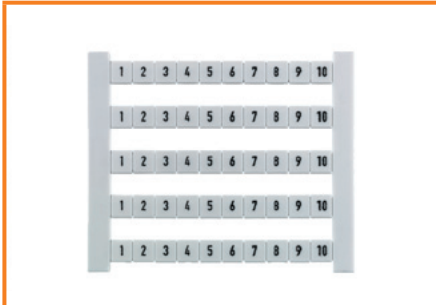
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Tools
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Wire end ferrules

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Insulated cable connectors

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Modular Terminal Blocks

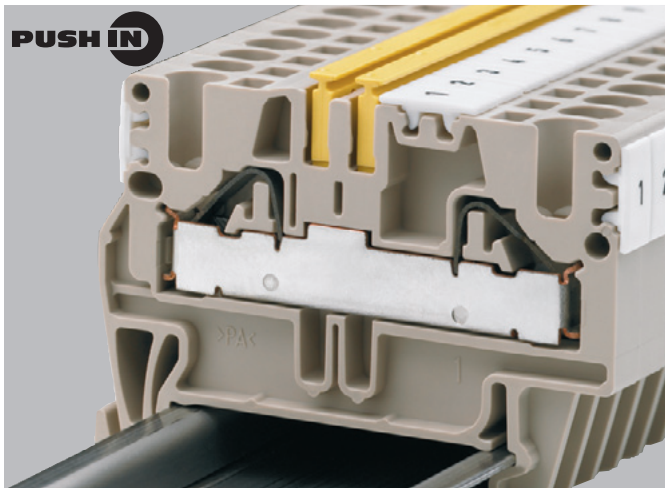
Modular Terminal Blocks	Overview	A.2
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Always the optimum connection for your application



PUSH IN technology / P-Series

PUSH IN technology offers outstanding benefits. Firstly, it's easy to handle and is being widely used in building automation projects around the world. Secondly it provides galvanic isolation, giving excellent electrical rating and thirdly it provides pull-out, shock and vibration resistance.



Time-saving connections

PUSH IN technology reduces installation times to a minimum.

Effective product range

Good performance data in a compact connection. The P-Series is ideal for reducing the number of variations.

100 % reliability

Simply push a stripped solid conductor or a conductor fitted with a wire end ferrule into the clamping point – and that's it, finished! All materials have been tested according to the latest environmental standards and to ensure RoHS conformity.

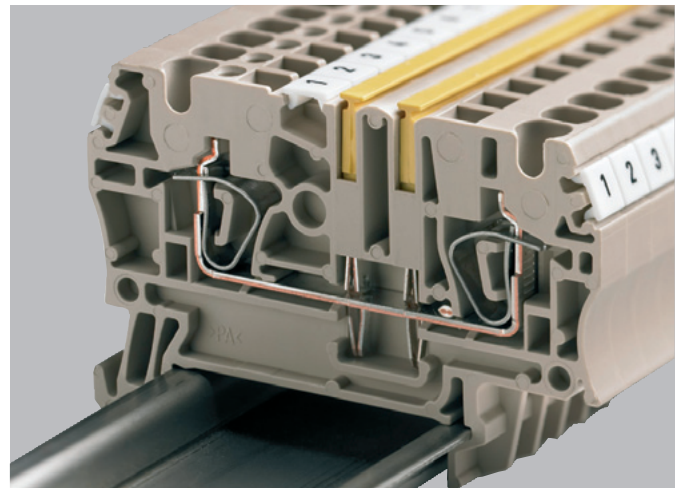
Applications

Wherever solid conductors or conductors fitted with wire end ferrules are needed, Weidmüller PUSH IN technology offers a decisive handling advantage. In machinery and building installations alike.



Tension clamp connection / Z-Series

For a maintenance free, vibration-resistant connection. The stainless steel tension clamp is the alternative to screw connection for cross-sections up to 35 mm².



Comprehensive product range

Available in Standard and Roof-Style versions for connecting cross-sections from 0.05 to 35 mm².

Good contact stability – permanently

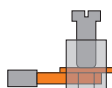
The no-maintenance, vibration-resistant tension clamp connection guarantees a gas-tight contact point and high contact forces.

Diverse cross-connection options

The ZQV plug-in standard cross-connection enables many different options. For feeding, distributing and skipping potentials.

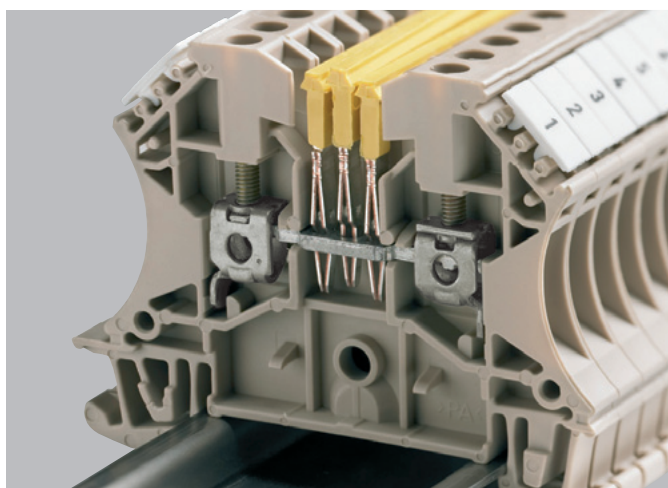
Applications

Wherever an alternative to screw connection is required and where fast wiring times and vibration-resistant contacts are a must, the Weidmüller Z-Series is unbeatable. Whether in machinery, in the automotive industry, in railway engineering or shipbuilding.



Screw connection / W-Series

The simple handling plus the separation of electrical and mechanical functions make the Weidmüller clamping yoke the universal standard solution.



Wide range of cross-sections

The diverse, yet comprehensive range of products, covers cross-sections from 0.05 to 300 mm². That adds up to a complete product offering for safe or hazardous area applications.

Good contact stability – permanently

The maintenance free, vibration-resistant screw clamp guarantees a good contact force and a stable, secure connection.

Only the best materials

Hardened steel is used for strength in the clamping yoke, whilst tin plated copper ensures superior conductivity. All materials have been tested according to the latest environmental standards and to ensure RoHS compliance.

Applications

Wherever stable connections and secure contacts are essential, the Weidmüller W-Series is the right answer. In power generation and measurement, in process engineering and in switchgear installations.

Terminals, P-Series

Terminals, P-Series	Overview P-Series	B.2
	Feed-through terminals	B.4
	Double-level terminals	B.8
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Terminal blocks with PUSH IN wire connection



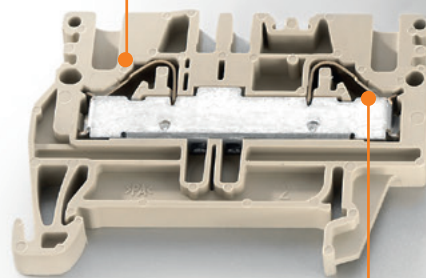
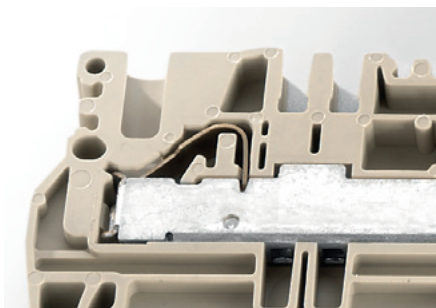
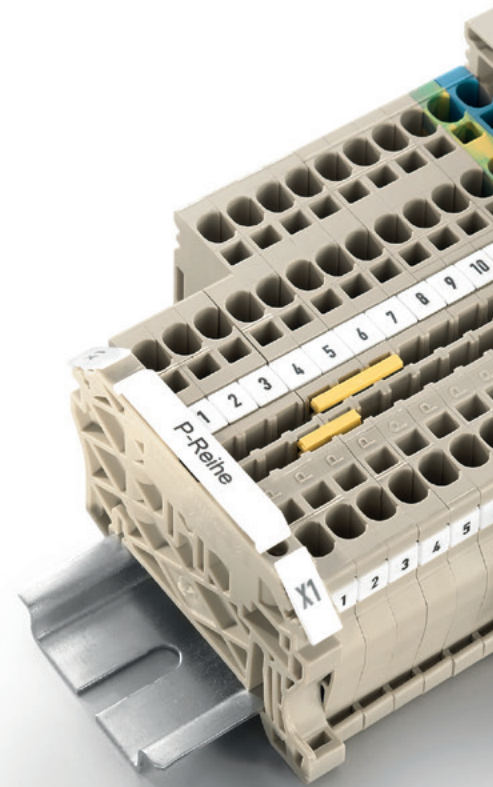
Wiring is quick and safe

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 % 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 ultrasonic-welded conductors can be connected without any problems.

Quick and safe

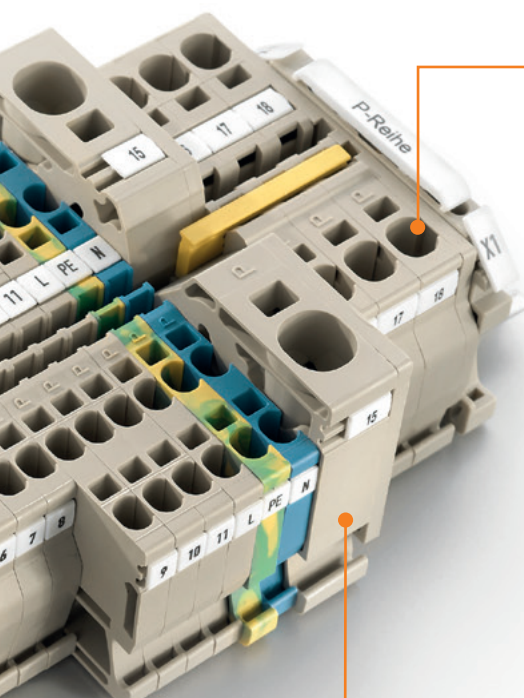
Wiring time is significantly reduced with the direct insertion technique for solid-core and flexible stranded wires with ferrules thanks to the PUSH IN connection method – considerably quicker to connect and no need for additional tools.



Contact security

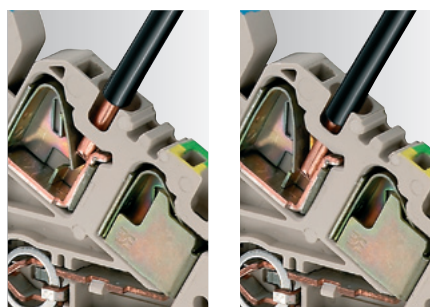
The long-term contact force between wire and busbar is ensured with a stainless steel spring. The busbar is made of copper with a tin alloy, this ensures a very low voltage drop.





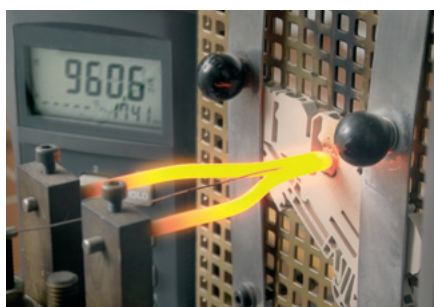
Simple operation

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



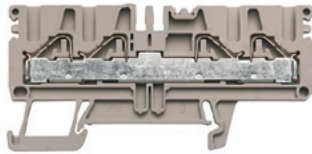
Wemid insulating material

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



PDU 2.5/4 4AN **4 mm²**

4 connections



5.1 x 78.5 x 39
/ 6
0.13...6



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

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
32	30 (C)	30 (C)	27
4	AWG 26...10	AWG 26...10	4

8 kV / 3
A3 / V-0

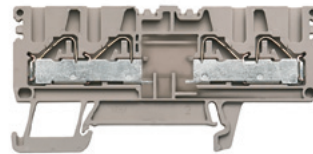


Rated connection

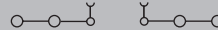
0.5...6
0.5...4 / 0.5...4
0.5...2.5
12 / 3.0 x 0.5 mm

PDU 2.5/4 2x2 **4 mm²**

2 x 2 connections



5.1 x 78 x 39
/ 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA
800		
32		
4		

8 kV / 3
A3 / V-0

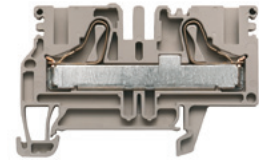


Rated connection

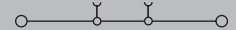
0.5...6
0.5...4 / 0.5...4
0.5...2.5
12 / 3.0 x 0.5 mm

PDU 6/10 **10 mm²**

2 connections



8.1 x 64.5 x 41.5
57 / 10
1.5...10



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

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
57	44 (C)	46 (C)	37
10	AWG 14...8	AWG 14...8	10

8 kV / 3
A4 / V-0



Rated connection

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

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

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

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

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

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

For 10 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203620000).

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	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
ZQV 2.5/20	24 A	20	1908960000
Width			
PAP 2.5/4/4AN	2.5 mm	50	1896320000
ZEW 35	6 mm	20	9540000000
PTA PDU2.5/4	5.1 mm	25	1916180000
PTA ZA PDU2.5/4	5.1 mm	25	1916190000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1	6.16 mm	100	1916410000
PRH 2.5/4/2	6.16 mm	100	1916400000
PAD 2.5/4/4	5.1 mm	80	1916150000

Type	current	Qty.	Order No.
PAP 2.5/4/4AN	2.5 mm	50	1896320000
ZEW 35	6 mm	20	9540000000
PTA PDU2.5/4	5.1 mm	25	1916180000
PTA ZA PDU2.5/4	5.1 mm	25	1916190000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1	6.16 mm	100	1916410000
PRH 2.5/4/2	6.16 mm	100	1916400000
PAD 2.5/4/4	5.1 mm	80	1916150000

Type	current	Qty.	Order No.
ZQV 6N/2		60	1906210000
ZQV 6N/3		60	1906220000
ZQV 6N/4		60	1906230000
ZQV 6N/20		20	1906240000
Width			
PAP PDU6/10	2.5 mm	20	1896330000
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PAD 6/10/4	5.3 mm	80	1916160000

DEK 5/5 / WS 10/5

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

DEK 5/5 / WS 10/5

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

WS 10/8

Feed-through terminals

B

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	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
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
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 Wemid
	Blue Wemid
Note	

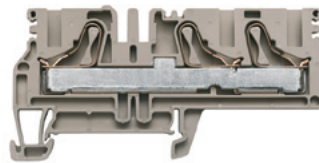
Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
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 (see assortment in catalogue 7)	
	Marking tags
Note	

PDU 6/10 3AN

10 mm²

3 connections



8.1 x 82.5 x 41.5
57 / 10
1.5...10

IEC 60947-7-1	Ex e II	II 2 G D	
IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
57	44 (C)	46 (C)	37
10	AWG 14...8	AWG 14...8	10
8 kV / 3			
A4 / V-0			
Rated connection			
1.5...6			
1.5...10 / 1.5...10			
14 / 0.6 x 3.5 mm			

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

For 10 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203620000).

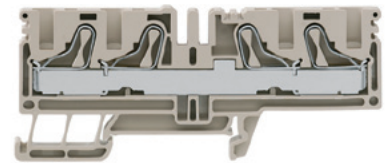
Type	current	Qty.	Order No.
ZQV 6N/2		60	1906210000
ZQV 6N/3		60	1906220000
ZQV 6N/4		60	1906230000
ZQV 6N/20		20	1906240000
Width			
PAP PDU6/10/3AN	2.5 mm	20	1896340000
ZEW 35	6 mm	20	9540000000
Width			
SDS 0.5X3.0X80		1	9008320000
Width			
PAD 6/10/4	5.3 mm	80	1916160000

WS 10/8

PDU 6/10 4AN

10 mm²

NEW



8.1 x 97 x 41.5
57 / 10
1.5...10

IEC 60947-7-1		
IEC	UL	CSA
800	600 (C)	
57	47 (C)	
10	AWG 14...8	
8 kV / 3		
A4 / V-0		
Rated connection		
1.5...6		
1.5...10 / 1.5...10		
14 / 0.6 x 3.5 mm		

Type	Qty.	Order No.
PDU 6/10/4AN	50	1083040000
PDU 6/10 4AN BL	25	1165130000

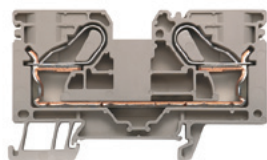
Type	current	Qty.	Order No.
ZQV 6N/2		60	1906210000
ZQV 6N/3		60	1906220000
ZQV 6N/4		60	1906230000
ZQV 6N/20		20	1906240000
Width			
ZEW 35	6 mm	20	9540000000
Width			
SDS 0.5X3.0X80		1	9008320000
Width			
PAD 6/10/4	5.3 mm	80	1916160000

WS 10/8

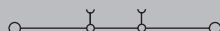
PDU 16

16 mm²

2 connections



12.1 x 80.5 x 48
/ 16
2.5...16



Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
76	75 (C)	78 (C)	59
16	AWG 14...4	AWG 14...4	16

8 kV / 3
B6 / V-0

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

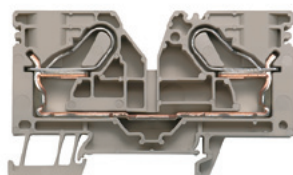
Type	current	Qty.	Order No.
ZQV 16/2	76 A	25	1739690000
Width			
PAP 16	2.7 mm	10	1896290000
ZEW 35	6 mm	20	9540000000
Width			
SDIS SL 1.0X4.5X125		1	1274680000
Width			
PAD 16/4	7.3 mm	80	1916170000

WS 12/8

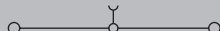
PEI 16

16 mm²

Supply terminal



15 x 80.5 x 48
/ 16
2.5...16



Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600 (C)	600 (C)	550
76	75 (C)	78 (C)	66
16	AWG 14...4	AWG 14...4	16

8 kV / 3
B6 / V-0

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	24 A	60	1608860000
ZQV 6N/3		60	1906220000
Width			
ZEW 35	6 mm	20	9540000000
Width			
SDIS SL 1.0X4.5X125		1	1274680000
Width			
PAD 16/4	7.3 mm	80	1916170000

WS 12/8

Double-level terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	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
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
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 Wemid
	Blue Wemid

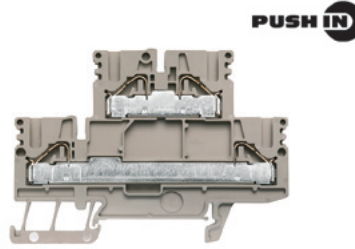
Note

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
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	(see assortment in catalogue 7)
	Marking tags

Note

PDK 2.5/4
2.5 mm²
Double-level terminal


5.1 x 82.5 x 58.5	
28 / 6	
0.13...6	

IEC 60947-7-1

IEC	UL	CSA
800	600 (C)	600 (C)
24	30 (C)	30 (C)
2.5	AWG 26...10	AWG 26...10
8 kV / 3		
A3 / V-0		

Rated connection
0.5...6
0.5...4 / 0.5...4
0.5...2.5
12 / 3.0 x 0.5 mm

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

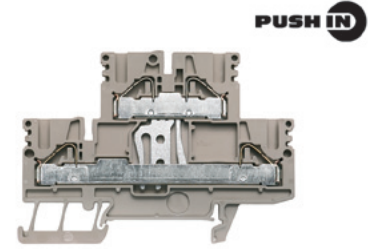
For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	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
ZQV 2.5/20	24 A	20	1908960000
Width			
PAP PDK 2.5/4	2.5 mm	20	1919720000
Width			
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1	6.16 mm	100	1916410000
PRH 2.5/4/2	6.16 mm	100	1916400000
PAD 2.5/4/4	5.1 mm	80	1916150000

Identification systems	(see assortment in catalogue 7)
	Marking tags

Note

DEK 5/5 / SNAPMARK I(1805880000)
Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PDK 2.5/4 V
2.5 mm²
Vertical cross-connected double-level terminal


5.1 x 82.5 x 58.5	
28 / 6	
0.13...6	

IEC 60947-7-1

IEC	UL	CSA
800	600 (C)	600 (C)
24	30 (C)	30 (C)
2.5	AWG 26...10	AWG 26...10
8 kV / 3		
A3 / V-0		

Rated connection
0.5...6
0.5...4 / 0.5...4
0.5...2.5
12 / 3.0 x 0.5 mm

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

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	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
ZQV 2.5/20	24 A	20	1908960000
Width			
PAP PDK 2.5/4	2.5 mm	20	1919720000
Width			
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1	6.16 mm	100	1916410000
PRH 2.5/4/2	6.16 mm	100	1916400000
PAD 2.5/4/4	5.1 mm	80	1916150000

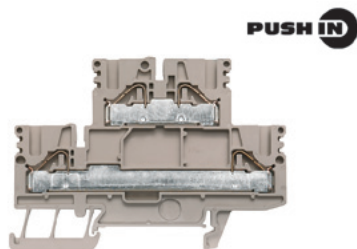
Identification systems	(see assortment in catalogue 7)
	Marking tags

Note

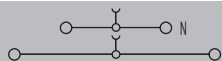
DEK 5/5 / SNAPMARK I(1805880000)
Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PDK 2.5/4 N-L

2.5 mm²



5.1 x 82.5 x 58.5
28 / 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA
800	600 (C)	600 (C)
24	30 (C)	30 (C)
2.5	AWG 26...10	AWG 26...10
8 kV / 3		
A3 / V-0		



Rated connection

0.5...6
 0.5...4 / 0.5...4
 0.5...2.5
 12 / 3.0 x 0.5 mm

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

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

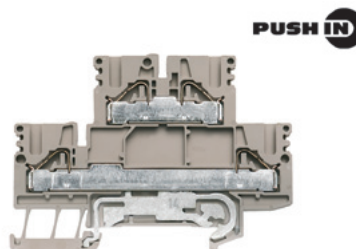
Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
PAP PDK 2.5/4	2.5 mm	20	1919720000
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1	6.16 mm	100	1916410000
PRH 2.5/4/2	6.16 mm	100	1916400000
PAD 2.5/4/4	5.1 mm	80	1916150000

DEK 5/5 / SNAPMARK I(1805880000)

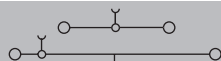
Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PDK 2.5/4 L-PE

2.5 mm²

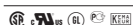


5.1 x 82.5 x 58.5
28 / 6
0.13...6



IEC 60947-7-2

IEC	UL	CSA
800	600 (C)	600 (C)
24	30 (C)	30 (C)
2.5	AWG 26...10	AWG 26...10
8 kV / 3		
A3 / V-0		



Rated connection

0.5...6
 0.5...4 / 0.5...4
 0.5...2.5
 12 / 3.0 x 0.5 mm

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

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	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
ZQV 2.5/20	24 A	20	1908960000
Width			
PAP PDK 2.5/4	2.5 mm	20	1919720000
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1	6.16 mm	100	1916410000
PRH 2.5/4/2	6.16 mm	100	1916400000
PAD 2.5/4/4	5.1 mm	80	1916150000

DEK 5/5 / SNAPMARK I(1805880000)

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

Initiator and motor connection terminals

B

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	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
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
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 Wemid
Note	

Accessories

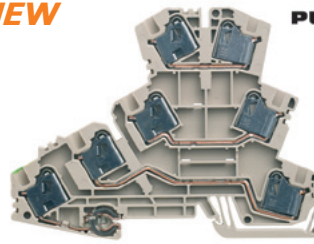
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

PMAK 4

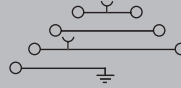
4 mm²

NEW



PUSH IN

5.1 x 103.86 x 79.05
/ 6
0.5...6



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300 (C)	
30	29 (C)	
4	AWG 26...10	
6 kV /		
A3 / V-0		
UL		
Rated connection		
0.5...6		
0.5...4 / 4...0.5		
12 / 0.4 x 2.5 mm		
Note		

Type	Qty.	Order No.
PMAK 4	50	1221340000

Type	current	Qty.	Order No.
ZQV 2.5/2	24 A	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	16088940000
Width			
PAP PMAK 4	1 mm	20	1221360000
Width			
ZEW 35/2	8 mm	20	8630740000
SDS 0.4X2.5X75		1	9009030000

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

PMAK 4 800 V

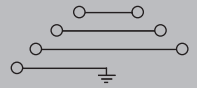
4 mm²

NEW



PUSH IN

6.1 x 107.5 x 82.6
/ 6
0.5...6



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
800	600 (C)	
32	29 (C)	
4	AWG 26...10	
8 kV /		
A3 / V-0		
UL		
Rated connection		
0.5...6		
0.5...4 / 4...0.5		
12 / 0.4 x 2.5 mm		
Note		

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

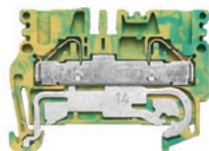
Type	current	Qty.	Order No.
Width			
ZEW 35/2	8 mm	20	8630740000
SDS 0.4X2.5X75		1	9009030000

Identification systems	(see assortment in catalogue 7)
	Marking tags
Note	

PPE 2.5/4

4 mm²

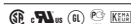
2 connections



5.1 x 53 x 39
/ 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
800			
8			
480 A (4 mm ²)			
3			
A3 / V-0			

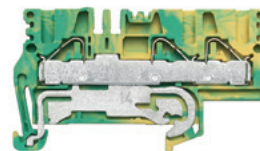


Rated connection	
0.5...6	
0.5...4 / 0.5...4	
0.5...2.5	
12 / 3.0 x 0.5 mm	

PPE 2.5/4 3AN

4 mm²

3 connections



5.1 x 67 x 39
/ 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
800			
8			
480 A (4 mm ²)			
3			
A3 / V-0			



Rated connection	
0.5...6	
0.5...4 / 0.5...4	
0.5...2.5	
12 / 3.0 x 0.5 mm	

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated 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 / Flammability class UL94	

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 Wemid

Note

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

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

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

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

Accessories

End plate / Partition plate	Dark beige Wemid
End bracket	Dark beige Wemid
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



Type	Width	Qty.	Order No.
PAP 2.5/4	2.5 mm	50	1896300000
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1	6.16 mm	100	1916410000
PRH 2.5/4/2	6.16 mm	100	1916400000
PAD 2.5/4/4	5.1 mm	80	1916150000

Type	Width	Qty.	Order No.
PAP 2.5/4/3AN	2.5 mm	50	1896480000
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1	6.16 mm	100	1916410000
PRH 2.5/4/2	6.16 mm	100	1916400000
PAD 2.5/4/4	5.1 mm	80	1916150000

Identification systems (see assortment in catalogue 7)

Marking tags

Note

DEK 5/5 / WS 10/5

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

DEK 5/5 / WS 10/5

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

PE terminals

B

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated 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 / Flammability class UL94	

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 Wemid

Note

Accessories

End plate / Partition plate	Dark beige Wemid
End bracket	Dark beige Wemid
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



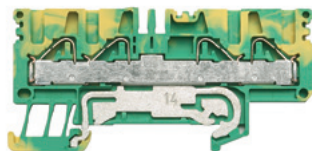
Identification systems	(see assortment in catalogue 7)
	Marking tags

Note

PPE 2.5/4 4AN

4 mm²

4 connections



5.1 x 80 x 39	
/ 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
800			
8			
	480 A (4 mm ²)		
	3		
	A3 / V-0		



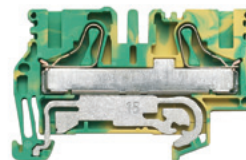
Rated connection

0.5...6
0.5...4 / 0.5...4
0.5...2.5
12 / 3.0 x 0.5 mm

PPE 6/10

10 mm²

2 connections



8.1 x 63.5 x 41.5	
/ 10	
1.5...10	

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

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



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 ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

Type	Width	Qty.	Order No.
PAP 2.5/4/4AN	2.5 mm	50	1896320000
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1	6.16 mm	100	1916410000
PRH 2.5/4/2	6.16 mm	100	1916400000
PAD 2.5/4/4	5.1 mm	80	1916150000

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

For 10 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203620000).

Type	Width	Qty.	Order No.
PAP PDU6/10	2.5 mm	20	1896330000
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PAD 6/10/4	5.3 mm	80	1916160000

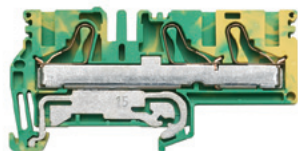
DEK 5/5 / WS 10/5
Detailed information for working with twin ferrules can be found in the P Series Accessories section.

WS 10/8

PPE 6/10 3AN

10 mm²

3 connections



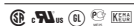
8.1 x 81.5 x 41.5
/ 10
1.5...10



IEC 60947-7-2

Ex e II II 2 G D

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



Rated connection

1.5...6

1.5...10 / 1.5...10

14 / 0.6 x 3.5 mm

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

For 10 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203620000).

Type	Width	Qty.	Order No.
PAP PDU6/10/3AN	2.5 mm	20	1896340000
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PAD 6/10/4	5.3 mm	80	1916160000

WS 10/8

PE terminals

B

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data



Rated data	
Rated 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 / Flammability class UL94	
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	green/yellow Wemid
Note	

Accessories

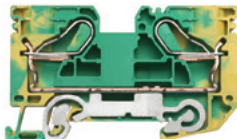
Pluggable cross-connection	2-pole
	
End plate / Partition plate	Dark beige Wemid
End bracket	Dark beige Wemid
Screwdriver	Standard
Cover	With lightning flash symbol
	

Identification systems	(see assortment in catalogue 7) Marking tags
Note	

PPE 16

16 mm²

2 connections



12.1 x 81 x 48	
/ 16	
2.5...16	

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
800			
8			
1920 A (16 mm ²)			
3			
B6 / V-0			

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

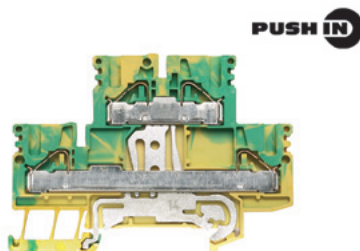
Type	Qty.	Order No.
PPE 16	10	1896210000

Type	current	Qty.	Order No.
ZQV 16/2	76 A	25	1739690000
Width			
PAP 16	2.7 mm	10	1896290000
ZEW 35	6 mm	20	9540000000
SDIS SL 1.0X4.5X125		1	1274680000
PAD 16/4	7.3 mm	80	1916170000

Note	WS 10/12
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PDK 2.5/4 PE

4 mm²



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 82.5 x 58.5	
/ 6	
0.13...6	

Technical data

Rated data	
Rated 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 / Flammability class UL94	
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
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	mm/-

Rated connection	
0.5...6	
0.5...4 / 0.5...4	
0.5...2.5	

Note

Ordering data

Version	green/yellow Wemid
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Note

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

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

Accessories

End plate / Partition plate	Dark beige Wemid
End bracket	Dark beige Wemid
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



Type	Width	Qty.	Order No.
PAP PDK 2.5/4	2.5 mm	20	1919720000
ZEW 35	6 mm	20	9540000000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1	6.16 mm	100	1916410000
PRH 2.5/4/2	6.16 mm	100	1916400000
PAD 2.5/4/4	5.1 mm	80	1916150000

Identification systems (see assortment in catalogue 7)

Marking tags

Note

DEK 5/5 / WS 10/5
Detailed information for working with twin ferrules can be found in the P Series Accessories section.