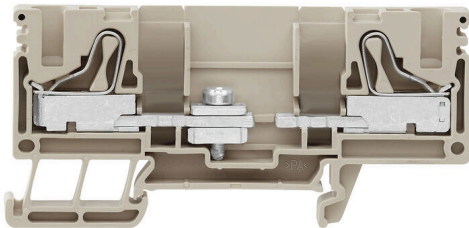


PTL 6/10**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Current and voltage transformer wiring**

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

Version	Test-disconnect terminal, PUSH IN, 6 mm ² , 800 V, 57 A, sliding, dark beige
Order No.	1551020000
Type	PTL 6/10
GTIN (EAN)	4050118550153
Qty.	50 items
Delivery status	Discontinued
Available until	2023-02-18T00:00:00+01:00
Alternative product	ATTB 6

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Technical data

Approvals

Approvals



Dimensions and weights

Depth	39.6 mm	Depth (inches)	1.5591 inch
Depth including DIN rail	40.35 mm	Height	82 mm
Height (inches)	3.2283 inch	Width	8.1 mm
Width (inches)	0.3189 inch	Net weight	20.85 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

Material data

Basic material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	PUSH IN connection, for screwable cross-connection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
PE connection	No	Mounting rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

Open sides	right	Type of mounting	Snap-on
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Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A5	Wire connection cross section AWG, max.	AWG 8
Connection direction	top	Stripping length	14 mm
Type of connection	PUSH IN	Number of connections	2
Clamping range, max.	10 mm ²	Clamping range, min.	1.5 mm ²
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 16
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	10 mm ²

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²
Wire connection cross section, finely stranded, max.	10 mm ²	Wire connection cross section, finely stranded, min.	1.5 mm ²
Wire connection cross-section, solid core, max.	6 mm ²	Wire connection cross-section, solid core, min.	1.5 mm ²

General

Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 16
Standards	IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	6 mm ²	Rated voltage	800 V
Nominal current	57 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	1.31 W	Pollution severity	3

Classifications

ETIM 8.0	EC000902	ETIM 9.0	EC000902
ETIM 10.0	EC000902	ECLASS 14.0	27-25-01-09
ECLASS 15.0	27-25-01-09		

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Accessories

End plates and partition plates

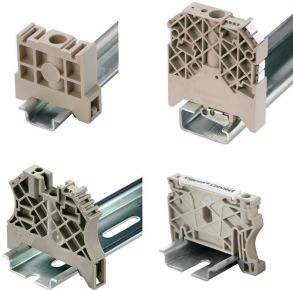


Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

General ordering data

Type	PAP PTL/PSI 6/10	Version
Order No.	1165320000	P-series, End plate, dark beige, 2.5 mm
GTIN (EAN)	4032248990658	
Qty.	20 ST	
Type	PAP PTL/PSI 6/10 SW	Version
Order No.	1165330000	P-series, End plate, black, 2.5 mm
GTIN (EAN)	4032248990665	
Qty.	20 ST	

End bracket



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	ZEW 35	Version
Order No.	9540000000	End bracket, dark beige, TS 35, V-2, Wemid, Width: 6 mm, 100 °C
GTIN (EAN)	4008190956264	
Qty.	20 ST	

Testadapter and testsockets



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

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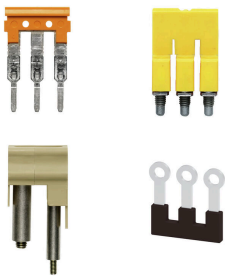
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Accessories

General ordering data

Type	GWHUE M3 WTL6	Version	
Order No.	1255010000	Connecting sleeve (terminal), when screwed in, Width: 6 mm, Height: 6 mm, Depth: 13.3 mm, Number of poles: 1, Copper - zinc	
GTIN (EAN)	4050118075892		
Qty.	50 ST		

Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

Type	WQV 6/2	Version	
Order No.	1052360000	Cross-connector (terminal), when screwed in, yellow, 57 A, Number of poles: 2, Pitch in mm (P): 8.00, Insulated: Yes, Width: 7.6 mm	
GTIN (EAN)	4008190075866		
Qty.	50 ST		
Type	WQV 6/3	Version	
Order No.	1054760000	Cross-connector (terminal), when screwed in, yellow, 57 A, Number of poles: 3, Pitch in mm (P): 8.00, Insulated: Yes, Width: 7.6 mm	
GTIN (EAN)	4008190174163		
Qty.	50 ST		
Type	WQV 6/4	Version	
Order No.	1054860000	Cross-connector (terminal), when screwed in, yellow, 57 A, Number of poles: 4, Pitch in mm (P): 8.00, Insulated: Yes, Width: 7.6 mm	
GTIN (EAN)	4008190180799		
Qty.	50 ST		
Type	WQV 6/10	Version	
Order No.	1052260000	Cross-connector (terminal), when screwed in, yellow, 57 A, Number of poles: 10, Pitch in mm (P): 8.00, Insulated: Yes, Width: 7.6 mm	
GTIN (EAN)	4008190153977		
Qty.	20 ST		

Accessorie



Current and voltage transformer wiring
 Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

Type	STB 21.6/45 BL	Version	
Order No.	1936290000	Socket (terminal), Plug-in depth: 11.1 mm, 0.00 mm, Depth: 45 mm	
GTIN (EAN)	4032248606023		
Qty.	50 ST		

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Accessories

Type	STB 21.6/45 DB	Version
Order No.	1938790000	Socket (terminal), Plug-in depth: 11.1 mm, 0.00 mm, Depth: 45 mm
GTIN (EAN)	4032248612840	
Qty.	50 ST	
Type	STB 21.6/45 GE	Version
Order No.	1936240000	Socket (terminal), Plug-in depth: 11.1 mm, 0.00 mm, Depth: 45 mm
GTIN (EAN)	4032248605972	
Qty.	50 ST	
Type	STB 21.6/45 GN	Version
Order No.	1936250000	Socket (terminal), Plug-in depth: 11.1 mm, 0.00 mm, Depth: 45 mm
GTIN (EAN)	4032248605989	
Qty.	50 ST	

Testadapter and testsockets



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	STB 21.6/45 GR	Version
Order No.	1936280000	Socket (terminal), Plug-in depth: 11.1 mm, 0.00 mm, Depth: 45 mm
GTIN (EAN)	4032248606016	
Qty.	50 ST	
Type	STB 21.6/45 RT	Version
Order No.	1936300000	Socket (terminal), Plug-in depth: 11.1 mm, 0.00 mm, Depth: 45 mm
GTIN (EAN)	4032248606030	
Qty.	50 ST	

Accessorie



Current and voltage transformer wiring
 Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

Type	STB 21.6/45 SW	Version
Order No.	1936270000	Socket (terminal), Plug-in depth: 11.1 mm, 0.00 mm, Depth: 45 mm
GTIN (EAN)	4032248606009	
Qty.	50 ST	

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Accessories

Testadapter and testsockets



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General ordering data

Type	STB 21.6/45 VI	Version	
Order No.	1936260000	Socket (terminal), Plug-in depth: 11.1 mm, 0.00 mm, Depth: 45 mm	
GTIN (EAN)	4032248605996		
Qty.	50 ST		

Cross-connections



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General ordering data

Type	VH 19/6.3/4.3	Version	
Order No.	0318000000	Connecting sleeve (terminal), when screwed in, Width: 6 mm, Height: 6 mm, Depth: 19 mm, Number of poles: 1, Cu Zn	
GTIN (EAN)	4008190059460		
Qty.	50 ST		

Accessorie



Current and voltage transformer wiring
 Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

Type	STB 36.8/IH/BL WTL6/1	Version	
Order No.	1847790000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 39.8 mm	
GTIN (EAN)	4032248379149		
Qty.	50 ST		

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Accessories

Type	STB 36.8/IH/DB WTL6/1	Version	
Order No.	1847740000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 39.8 mm	
GTIN (EAN)	4032248379187		
Qty.	50 ST		

Testadapter and testsockets



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	STB 36.8/IH/GE WTL6/1	Version	
Order No.	1847760000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 39.8 mm	
GTIN (EAN)	4032248379170		
Qty.	50 ST		

Accessorie



Current and voltage transformer wiring
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General ordering data

Type	STB 36.8/IH/GN WTL6/1	Version	
Order No.	1847770000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 39.8 mm	
GTIN (EAN)	4032248379163		
Qty.	50 ST		
Type	STB 36.8/IH/RT WTL6/1	Version	
Order No.	1312540000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 39.8 mm	
GTIN (EAN)	4050118180992		
Qty.	50 ST		

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Accessories

Testadapter and testsockets



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General ordering data

Type	STB 36.8/IH/SW WTL6/1	Version
Order No.	1312550000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 39.8 mm
GTIN (EAN)	4050118181210	
Qty.	50 ST	
Type	STB 36.8/IH/VI WTL6/1	Version
Order No.	1847780000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 39.8 mm
GTIN (EAN)	4032248379156	
Qty.	50 ST	
Type	STB 36.8/IH/WS WTL6/1	Version
Order No.	1312560000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 39.8 mm
GTIN (EAN)	4050118181203	
Qty.	50 ST	

Cross-connections



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General ordering data

Type	QS 2/8/4	Version
Order No.	0270960000	Cross-connector (terminal), Plugged, beige, 44 A, Number of poles: 2,
GTIN (EAN)	4008190077006	Pitch in mm (P): 8.00, Insulated: Yes, Width: 12 mm
Qty.	20 ST	

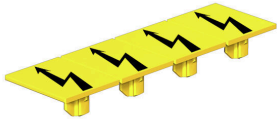
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Accessories

Warning cover



Warning covers with a flash symbol provide more safety for man and machine. They are used where external voltage must be indicated within the application.

General ordering data

Type	PAD 6/10/4	Version	
Order No.	1916160000	Version	P-series, Cover, yellow, 5.3 mm
GTIN (EAN)	4032248549160		
Qty.	80 ST		

Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

Type	BZT 1 WS 10/5	Version	
Order No.	1805490000	Version	Accessories, Marker holder
GTIN (EAN)	4032248270231		
Qty.	100 ST		
Type	BZT 1 ZA WS 10/5	Version	
Order No.	1805520000	Version	Accessories, Marker holder
GTIN (EAN)	4032248270248		
Qty.	100 ST		

Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

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Accessories

General ordering data

Type	SDS 1.0X5.5X150	Version	
Order No.	2749380000	Screwdriver, Blade width (B): 5.5 mm, Blade length: 150 mm, Blade	
GTIN (EAN)	4050118895605	thickness (A): 1 mm	
Qty.	1 ST		