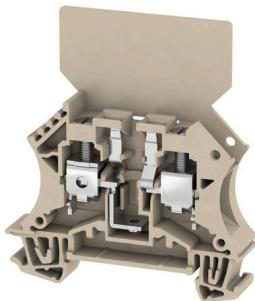


WSI 6/2 O.TNHE

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image

Fuse terminal blocks and component terminal blocks allow protective and functional elements to be integrated directly into the terminal strip. Fuse terminal blocks include built-in fuse holders to reliably protect electrical circuits against overload —ideal for control and distribution systems. Component terminal blocks make it possible to incorporate electronic components such as diodes, resistors, or LEDs directly into the wiring. This enables space-saving and clearly arranged implementation of switching functions and signal separation. Both types of terminal blocks ensure higher safety, easy maintenance, and a compact, function-oriented installation.

General ordering data

Version	Fuse terminal, Screw connection, dark beige, 6 mm ² , 10 A, 500 V, Number of connections: 2, Number of levels: 1, TS 35
Order No.	1018400000
Type	WSI 6/2 O.TNHE
GTIN (EAN)	4008190202590
Qty.	25 items
Delivery status	This article will no longer be available in the future.
Available until	2025-12-31T00:00:00+01:00

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

Dimensions and weights

Depth	66.5 mm	Depth (inches)	2.6181 inch
Depth including DIN rail	67 mm	Height	60 mm
Height (inches)	2.3622 inch	Width	11.9 mm
Width (inches)	0.4685 inch	Net weight	20.12 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
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	Screw 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
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Type of mounting	Snap-on
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CSA rating data

Wire cross section max. (CSA)	6 AWG	Voltage size C (CSA)	150 V
Current size C (CSA)	16 A	Certificate No. (CSA)	200039-1057876
Voltage size B (CSA)	150 V	Current size B (CSA)	16 A
Voltage size D (CSA)	600 V	Current size D (CSA)	5 A
Wire cross section min. (CSA)	20 AWG		

Technical data

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

Wire connection cross section AWG, max. AWG 8

Stripping length 12 mm

Type of connection 2 Screw connection

Type of connection Screw connection

Number of connections 2

Clamping range, max. 10 mm²Clamping range, min. 0.5 mm²

Blade size 0.8 x 4.0 mm

Wire connection cross section AWG, min. AWG 20

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. 0.5 mm²Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. 6 mm²Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. 0.5 mm²Wire connection cross section, finely stranded, max. 10 mm²Wire connection cross section, finely stranded, min. 0.5 mm²Connection cross-section, stranded, max. 10 mm²Connection cross-section, stranded, min. 0.5 mm²Wire connection cross-section, solid core, max. 10 mm²Wire connection cross-section, solid core, min. 0.5 mm²Connection cross-section, finely stranded, min. 0.5 mm²

Clampable conductor

Connection specification

Screw connection

Cross-section for conductor connection

Type solid, H05(07) V-U

min. 0.5 mm²max. 10 mm²nominal 6 mm²

wire end ferrule

Stripping length

min. 12 mm

max. 12 mm

nominal 12 mm

Tightening torque min. 0.8 Nm

max. 1.6 Nm

Connection specification

Screw connection

Cross-section for conductor connection

Type stranded, H07V-R

min. 1.5 mm²max. 10 mm²nominal 6 mm²

wire end ferrule

Stripping length

min. 12 mm

max. 12 mm

nominal 12 mm

Tightening torque min. 0.8 Nm

max. 1.6 Nm

Connection specification

Screw connection

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Technical data

Cross-section for conductor connection	Type	flexible, H05(07) V-K
	min.	0.5 mm ²
wire end ferrule		max. 10 mm ²
Stripping length	nominal	6 mm ²
	min.	12 mm
Tightening torque	max.	12 mm
	nominal	12 mm
Tightening torque	min.	0.8 Nm
	max.	1.6 Nm

General

Wire connection cross section AWG, max.	AWG 8
Standards	IEC 60947-7-3, IEC 60947-7-1

Wire connection cross section AWG, min.	AWG 20
Mounting rail	TS 35

Rating data

Rated cross-section	6 mm ²
Rated voltage to adjoining terminal	500 V
Nominal current	10 A
Standards	IEC 60947-7-3, IEC 60947-7-1
Power loss in accordance with IEC 60947-7-x	1.31 W

Rated voltage	500 V
Rated DC voltage	500 V
Current at maximum wires	10 A
Volume resistance according to IEC 60947-7-x	0.78 mΩ

UL rating data

Conductor size Factory wiring max. (UR) 8 AWG	Current size C (UR)	16 A
Voltage size C (UR)	Conductor size Factory wiring min. (UR)	22 AWG
Certificate No. (UR)	Conductor size Field wiring min. (UR)	22 AWG
Conductor size Field wiring max. (UR)		

Conductor size Field wiring max. (UR)	22 AWG

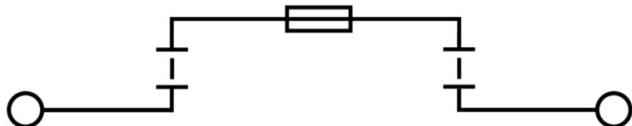
Important note

Product information	The voltage depends on the selected fuse element or the selected indicator light
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Classifications

ETIM 8.0	EC000899
ETIM 10.0	EC000899
ECLASS 15.0	27-25-01-13

ETIM 9.0	EC000899
ECLASS 14.0	27-25-01-13



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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	WAP 2.5-10	Version
Order No.	1050000000	End plate for terminals, dark beige, Height: 56 mm, Width: 1.5 mm,
GTIN (EAN)	4008190103149	V-0, Wemid, Snap-on: No
Qty.	50 ST	
Type	WAP 16+35 WTW 2.5-10	Version
Order No.	1050100000	End and partition plate for terminals, dark beige, Height: 56 mm,
GTIN (EAN)	4008190079901	Width: 1.5 mm, V-0, Wemid
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	WEW 35/2	Version
Order No.	1061200000	End bracket, dark beige, TS 35, HB, Wemid, Width: 8 mm, 100 °C
GTIN (EAN)	4008190030230	
Qty.	50 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 0.8X4.0X100	Version
Order No.	9008340000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056293	
Qty.	1 ST	

Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/8 MC NE WS	Version
Order No.	1856740000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248400850	Weidmüller, white
Qty.	800 ST	
Type	WS 12/6.5 MC NE WS	Version
Order No.	1609920000	WS, Terminal marker, 12 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4008190203511	Weidmüller, Allen-Bradley, white
Qty.	540 ST	

Shield clamping saddle



With our wide range of KLBÜ shield connections, you can achieve flexible and self-adjusting shield contacting and ensure error-free plant operation.

General ordering data

Type	LS 2.8 WDU2.5-10	Version
Order No.	1056400000	W-Series, Shield bus
GTIN (EAN)	400819036454	
Qty.	100 ST	

Accessories

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 snaped 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	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 ST	
Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 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	WTA 7 WSI6	Version
Order No.	1650210000	Test adapter (terminal), 1.5 mm ² , 250 V, 6 A
GTIN (EAN)	4008190296872	
Qty.	25 ST	

ZGB pivotable group tag holder



The ZGB 15 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 15.

The ZGB 30 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 7.

Inlay tags and protective strips can be found under "Accessories".

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Accessories

General ordering data

Type	ZGB 15	Version
Order No.	1636530000	Terminal markers, Terminal marker, 15 x 7 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190297053	Weidmüller, white
Qty.	20 ST	
Type	ZGB 30	Version
Order No.	1611930000	Terminal markers, Terminal marker, 32 x 7 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190002251	Weidmüller, white
Qty.	20 ST	

Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	WS 12/5 MC NE WS	Version
Order No.	1609860000	WS, Terminal marker, 12 x 5 mm, Pitch in mm (P): 5.00 Weidmüller,
GTIN (EAN)	4008190203481	Allen-Bradley, white
Qty.	720 ST	

DEK 5/8



WS/ DEK

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

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Accessories

General ordering data

Type	DEK 5/8 MM WS	Version
Order No.	2007130000	Dekafix, Terminal marker, 5 x 8 mm, Weidmueller, white
GTIN (EAN)	4050118392012	
Qty.	500 ST	

WS 12/5



WS/ DEK

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

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General ordering data

Type	WS 12/5 MM WS	Version
Order No.	2007190000	WS, Terminal marker, 12 x 5 mm, Weidmueller, white
GTIN (EAN)	4050118392036	
Qty.	800 ST	

WS 12/6.5



WS/ DEK

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Accessories

General ordering data

Type	WS 12/6.5 MM WS	Version
Order No.	2619930000	WS, Terminal marker, 12 x 6.5 mm, Weidmüller, white
GTIN (EAN)	4050118626155	
Qty.	600 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	ZST 1	Version
Order No.	1269070000	Accessories, Accessories holder
GTIN (EAN)	4050118094091	
Qty.	25 ST	