

**A-series
ALO 6**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Product image**Power distribution**

You safely and efficiently distribute electricity to the power consumers with our W-Series feed-through terminal blocks and our optimised WPD phase distribution blocks.

General ordering data

Type	ALO 6
Order No.	1991780000
Version	Supply terminal, PUSH IN, 6 mm ² , 800 V, 41 A, dark beige
GTIN (EAN)	4050118376470
Qty.	20 pc(s).

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Technical data
Dimensions and weights

Width	9 mm	Width (inches)	0.354 inch
Height	77 mm	Height (inches)	3.031 inch
Depth	45.5 mm	Depth (inches)	1.791 inch
Depth including DIN rail	46 mm	Net weight	20.054 g

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Material	Wemid	Colour	dark beige
Colour of operational elements	orange	UL 94 flammability rating	V-0

System specifications

End cover plate required	No	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	Rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

Installation advice	Rail	Open sides	closed
Snap-on	No	Type of fixing	Snap-on
Type of mounting	TS 35	With snap-in pegs	No

CSA rating data

Certificate No. (CSA)	200039-70089609	Current size B (CSA)	38 A
Current size C (CSA)	38 A	Current size D (CSA)	5 A
Voltage size B (CSA)	600 V	Voltage size C (CSA)	600 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	22 AWG		

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Technical data**Conductors for clamping (rated connection)**

Blade size	1.0 x 5.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.34 mm ²	Connection cross-section, stranded, max.	6 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	Connection direction	top
Gauge to IEC 60947-1	A5	Number of connections	2
Stripping length	12 mm	Twin wire-end ferrules, max.	1.5 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Type of connection	PUSH IN
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22
Wire connection cross section, finely stranded, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²	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.	0.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	6 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Rating data

Rated cross-section	6 mm ²	Rated voltage	800 V
Rated current	41 A	Current at maximum wires	41 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.78 mΩ
Power loss in accordance with IEC 60947-7-x	1.31 W	Rated impulse withstand voltage	8 kV
Pollution severity	3	Surge voltage category	III

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	8 AWG
Conductor size Factory wiring min. (cURus)	22 AWG	Conductor size Field wiring max. (cURus)	8 AWG
Conductor size Field wiring min. (cURus)	22 AWG	Current size B (cURus)	38 A
Current size C (cURus)	38 A	Current size D (cURus)	5 A
Voltage size B (cURus)	600 V	Voltage size C (cURus)	600 V
Voltage size D (cURus)	600 V		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
eClass 9.0	27-14-11-20	eClass 9.1	27-14-11-20
eClass 10.0	27-14-11-20		

Approvals

Approvals



ROHS

Conform

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Technical data

Downloads

Approval/Certificate/Document of Conformity	ATEX Certificate IECEX Certificate CB Test Certificate CB Certificate
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
Tender specification	Klippon® Connect 1991780000 EN Klippon® Connect 1991780000 DE
User Documentation	NTI_ALO 6 Additional Note DE Additional Note EN StorageConditionsTerminalBlocks Aderendhülsen für die Klippon® Connect A-Reihe Wire end ferrules for Klippon® Connect A-series

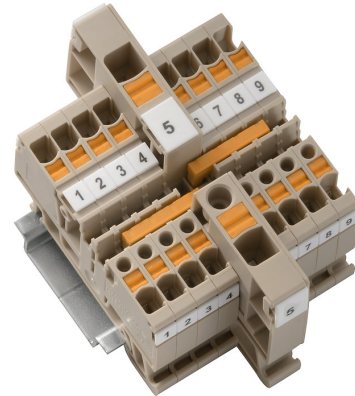
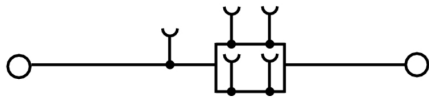
Safety note

Safety notice	Safety Information
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Drawings

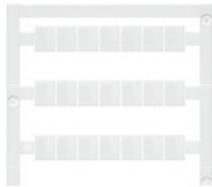


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Accessories

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 laser printer, PrintJet ADVANCED, plotter or MC-Mobilo is possible.

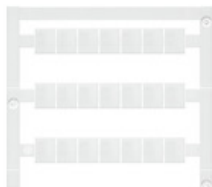
- Can be fitted in strips or individually
- Markers in proven MultiCard format

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 10/8 PLUS MC NE WS	Version
Order No.	1905950000	WS, Terminal marker, 10 x 8 mm, Pitch in mm (P): 8.00 Weidmueller,
GTIN (EAN)	4032248528103	white
Qty.	420 pc(s).	

Custom printing



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

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General ordering data

Type	WS 10/8 PLUS MC SDR	Version
Order No.	1906030000	WS, Terminal marker, 10 x 8 mm, Pitch in mm (P): 8.00 Weidmueller,
GTIN (EAN)	4032248528196	To customer specification
Qty.	84 pc(s).	

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Accessories

ZQV 2.5N



Spring connection with PUSH IN Technology

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

General ordering data

Type	ZQV 2.5N/2 BL
Order No.	1527740000
GTIN (EAN)	4050118448658
Qty.	60 pc(s).
Type	ZQV 2.5N/50
Order No.	1527730000
GTIN (EAN)	4050118411362
Qty.	5 pc(s).
Type	ZQV 2.5N/2
Order No.	1527540000
GTIN (EAN)	4050118448467
Qty.	60 pc(s).
Type	ZQV 2.5N/3
Order No.	1527570000
GTIN (EAN)	4050118448450
Qty.	60 pc(s).
Type	ZQV 2.5N/7 BL
Order No.	1527830000
GTIN (EAN)	4050118448603
Qty.	20 pc(s).
Type	ZQV 2.5N/20 BL
Order No.	1527890000
GTIN (EAN)	4050118448566
Qty.	20 pc(s).
Type	ZQV 2.5N/5 BL
Order No.	1527790000
GTIN (EAN)	4050118448627
Qty.	20 pc(s).
Type	ZQV 2.5N/5 RD
Order No.	2108710000
GTIN (EAN)	4050118448511
Qty.	20 pc(s).
Type	ZQV 2.5N/8 BL
Order No.	1527840000
GTIN (EAN)	4050118448597
Qty.	20 pc(s).
Type	ZQV 2.5N/2 RD
Order No.	2108470000
GTIN (EAN)	4050118448542
Qty.	60 pc(s).

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Accessories

Type	ZQV 2.5N/7
Order No.	1527640000
GTIN (EAN)	4050118448412
Qty.	20 pc(s).
Type	ZQV 2.5N/9
Order No.	1527680000
GTIN (EAN)	4050118447996
Qty.	20 pc(s).
Type	ZQV 2.5N/10
Order No.	1527690000
GTIN (EAN)	4050118447989
Qty.	20 pc(s).
Type	ZQV 2.5N/50 BL
Order No.	1527920000
GTIN (EAN)	4050118448559
Qty.	5 pc(s).
Type	ZQV 2.5N/4 RD
Order No.	2108700000
GTIN (EAN)	4050118448528
Qty.	60 pc(s).
Type	ZQV 2.5N/6
Order No.	1527630000
GTIN (EAN)	4050118448429
Qty.	20 pc(s).
Type	ZQV 2.5N/9 RD
Order No.	2108900000
GTIN (EAN)	4050118448474
Qty.	20 pc(s).
Type	ZQV 2.5N/50 RD
Order No.	2109000000
GTIN (EAN)	4050118486001
Qty.	5 pc(s).
Type	ZQV 2.5N/20
Order No.	1527720000
GTIN (EAN)	4050118447972
Qty.	20 pc(s).
Type	ZQV 2.5N/4 BL
Order No.	1527780000
GTIN (EAN)	4050118448634
Qty.	60 pc(s).
Type	ZQV 2.5N/3 BL
Order No.	1527770000
GTIN (EAN)	4050118448641
Qty.	60 pc(s).
Type	ZQV 2.5N/4
Order No.	1527590000
GTIN (EAN)	4050118448443
Qty.	60 pc(s).
Type	ZQV 2.5N/10 RD
Order No.	2108910000
GTIN (EAN)	4050118486018
Qty.	20 pc(s).

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Accessories

Type	ZQV 2.5N/20 RD
Order No.	2108920000
GTIN (EAN)	4050118485899
Qty.	20 pc(s).

Type	ZQV 2.5N/10 BL
Order No.	1527880000
GTIN (EAN)	4050118448573
Qty.	20 pc(s).

Type	ZQV 2.5N/7 RD
Order No.	2108810000
GTIN (EAN)	4050118448498
Qty.	20 pc(s).

Type	ZQV 2.5N/6 BL
Order No.	1527820000
GTIN (EAN)	4050118448610
Qty.	20 pc(s).

Type	ZQV 2.5N/5
Order No.	1527620000
GTIN (EAN)	4050118448436
Qty.	20 pc(s).

Type	ZQV 2.5N/9 BL
Order No.	1527870000
GTIN (EAN)	4050118448580
Qty.	20 pc(s).

Type	ZQV 2.5N/3 RD
Order No.	2108690000
GTIN (EAN)	4050118448535
Qty.	60 pc(s).

Type	ZQV 2.5N/6 RD
Order No.	2108720000
GTIN (EAN)	4050118448504
Qty.	20 pc(s).

Type	ZQV 2.5N/8
Order No.	1527670000
GTIN (EAN)	4050118448405
Qty.	20 pc(s).

Type	ZQV 2.5N/8 RD
Order No.	2108870000
GTIN (EAN)	4050118448481
Qty.	20 pc(s).

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Accessories
ZQV 1.5N

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General ordering data

Type ZQV 1.5N/4 RD
 Order No. [1985690000](#)
 GTIN (EAN) 4050118370515
 Qty. 60 pc(s).

Type ZQV 1.5N/7 RD
 Order No. [1985750000](#)
 GTIN (EAN) 4050118370249
 Qty. 20 pc(s).

Type ZQV 1.5N/6 RD
 Order No. [1985730000](#)
 GTIN (EAN) 4050118370454
 Qty. 20 pc(s).

Type ZQV 1.5N/10
 Order No. [1985580000](#)
 GTIN (EAN) 4050118370416
 Qty. 20 pc(s).

Type ZQV 1.5N/8 RD
 Order No. [1985770000](#)
 GTIN (EAN) 4050118370508
 Qty. 20 pc(s).

Type ZQV 1.5N/5
 Order No. [1985500000](#)
 GTIN (EAN) 4050118369991
 Qty. 20 pc(s).

Type ZQV 1.5N/50 RD
 Order No. [1985820000](#)
 GTIN (EAN) 4050118370270
 Qty. 5 pc(s).

Type ZQV 1.5N/3 BL
 Order No. [1985550000](#)
 GTIN (EAN) 4050118370485
 Qty. 60 pc(s).

Type ZQV 1.5N/3
 Order No. [1985480000](#)
 GTIN (EAN) 4050118370096
 Qty. 60 pc(s).

Type ZQV 1.5N/5 RD
 Order No. [1985710000](#)
 GTIN (EAN) 4050118370256
 Qty. 20 pc(s).

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Accessories

Type ZQV 1.5N/50
 Order No. [1985620000](#)
 GTIN (EAN) 4050118370300
 Qty. 5 pc(s).

Type ZQV 1.5N/9
 Order No. [1985560000](#)
 GTIN (EAN) 4050118370409
 Qty. 20 pc(s).

Type ZQV 1.5N/10 BL
 Order No. [1985680000](#)
 GTIN (EAN) 4050118370539
 Qty. 20 pc(s).

Type ZQV 1.5N/20 BL
 Order No. [1985700000](#)
 GTIN (EAN) 4050118370331
 Qty. 20 pc(s).

Type ZQV 1.5N/8 BL
 Order No. [1985640000](#)
 GTIN (EAN) 4050118370461
 Qty. 20 pc(s).

Type ZQV 1.5N/9 RD
 Order No. [1985790000](#)
 GTIN (EAN) 4050118370386
 Qty. 20 pc(s).

Type ZQV 1.5N/7
 Order No. [1985520000](#)
 GTIN (EAN) 4050118370195
 Qty. 20 pc(s).

Type ZQV 1.5N/7 BL
 Order No. [1985630000](#)
 GTIN (EAN) 4050118370522
 Qty. 20 pc(s).

Type ZQV 1.5N/2 BL
 Order No. [1985530000](#)
 GTIN (EAN) 4050118370423
 Qty. 60 pc(s).

Type ZQV 1.5N/2 RD
 Order No. [1985650000](#)
 GTIN (EAN) 4050118370324
 Qty. 60 pc(s).

Type ZQV 1.5N/3 RD
 Order No. [1985670000](#)
 GTIN (EAN) 4050118370348
 Qty. 60 pc(s).

Type ZQV 1.5N/50 BL
 Order No. [1985720000](#)
 GTIN (EAN) 4050118370546
 Qty. 5 pc(s).

Type ZQV 1.5N/20
 Order No. [1985600000](#)
 GTIN (EAN) 4050118370225
 Qty. 20 pc(s).

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Accessories

Type ZQV 1.5N/6
Order No. [1985510000](#)
GTIN (EAN) 4050118370188
Qty. 20 pc(s).

Type ZQV 1.5N/8
Order No. [1985540000](#)
GTIN (EAN) 4050118370218
Qty. 20 pc(s).

Type ZQV 1.5N/20 RD
Order No. [1985810000](#)
GTIN (EAN) 4050118370355
Qty. 20 pc(s).

Type ZQV 1.5N/5 BL
Order No. [1985590000](#)
GTIN (EAN) 4050118370430
Qty. 20 pc(s).

Type ZQV 1.5N/9 BL
Order No. [1985660000](#)
GTIN (EAN) 4050118370478
Qty. 20 pc(s).

Type ZQV 1.5N/2
Order No. [1985410000](#)
GTIN (EAN) 4050118369861
Qty. 60 pc(s).

Type ZQV 1.5N/6 BL
Order No. [1985610000](#)
GTIN (EAN) 4050118370492
Qty. 20 pc(s).

Type ZQV 1.5N/4
Order No. [1985490000](#)
GTIN (EAN) 4050118370201
Qty. 60 pc(s).

Type ZQV 1.5N/4 BL
Order No. [1985570000](#)
GTIN (EAN) 4050118370317
Qty. 60 pc(s).

Type ZQV 1.5N/10 RD
Order No. [1985800000](#)
GTIN (EAN) 4050118370393
Qty. 20 pc(s).

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Accessories
Custom printing


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 PLUS MC SDR	Version
Order No.	1046370000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248782079	Weidmueller, To customer specification
Qty.	160 pc(s).	
Type	DEK 5/8 MC SDR	Version
Order No.	1856750000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248400867	Weidmueller, To customer specification
Qty.	160 pc(s).	

End brackets

Spring connection with PUSH IN Technology

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General ordering data

Type	AEB 35 SCL/1 V0 BK	Version
Order No.	2661300000	A-series, End bracket
GTIN (EAN)	4050118702187	
Qty.	20 pc(s).	
Type	AEB 35 SCL/1 V0 GY	Version
Order No.	2661290000	A-series, End bracket
GTIN (EAN)	4050118702170	
Qty.	20 pc(s).	

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Accessories

Type	AEB 35 SC/1	Version
Order No.	1991920000	A-series, End bracket
GTIN (EAN)	4050118376722	
Qty.	50 pc(s).	
Type	AEB 35 SC/1 BK	Version
Order No.	2475310000	A-series, End bracket
GTIN (EAN)	4050118487114	
Qty.	50 pc(s).	
Type	AEB 35 SCL/1 V0	Version
Order No.	2661280000	A-series, End bracket
GTIN (EAN)	4050118702163	
Qty.	20 pc(s).	

Digital multimeters



Multimeters are capable of measuring a number of variables. Each instrument can measure voltage and resistance, as well as performing continuity and diode testing as standard. In addition, the individual multimeters also feature extra measuring options such as current, frequency, capacitance and temperature. Digital multimeters have the advantage of a clear display which can be read easily and directly. With these instruments, mistakes arising from faulty conversion of the measuring ranges or misreading the display are a thing of the past.

General ordering data

Type	ZUB MULTIMETER	Version
Order No.	9205270000	Multimeter
GTIN (EAN)	4032248723522	
Qty.	1 pc(s).	

Test adapter



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General ordering data

Type	ATPG 1.5-10 L
Order No.	1991890000
GTIN (EAN)	4050118376647
Qty.	50 pc(s).

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Accessories
Blank


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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

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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	Weidmueller, white
Qty.	800 pc(s).	

Covers

Spring connection with PUSH IN Technology

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General ordering data

Type	AAM 6 YE FLASH	Version
Order No.	2635570000	Terminal marker, 13 x 8.1 mm, yellow
GTIN (EAN)	4050118674514	
Qty.	40 pc(s).	