



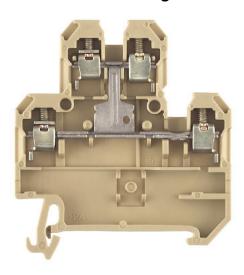
Weidmüller Interface GmbH & Co. KG

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Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## **Product image**







To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

## **General ordering data**

Version	Multi-tier modular terminal, Screw connection, beige / yellow, 4 mm², 500 V, Number of connec- tions: 4, Number of levels: 2, TS 35, V-2
Order No.	0363660000
Туре	DK 4QV/35
GTIN (EAN)	4008190165192
Qty.	25 items
Alternative product	WDK 4N V





#### Weidmüller Interface GmbH & Co. KG

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# **Technical data**

# **Approvals**

Approvals









ROHS	Conform
UL File Number Search	<u>UL Website</u>
Certificate No. (UR)	E60693

#### **Dimensions and weights**

Depth	60.5 mm	Depth (inches)	2.3819 inch
Height	54 mm	Height (inches)	2.126 inch
Width	6.1 mm	Width (inches)	0.2402 inch
Net weight	14.48 a		

## **Temperatures**

Storage temperature	-25 °C55 °C	Ambient temperature	-5 °C40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	100 °C

## **Environmental Product Compliance**

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

## **Material data**

Basic material	PA 66	Colour	beige / yellow
UL 94 flammability rating	V-2		

#### **Rating data IECEx/ATEX**

Certificate No. (ATEX)	TUEV18ATEX8210U	Certificate No. (IECEX)	IECEXTUR18.0020U
Max. voltage (ATEX)	275 V	Current (ATEX)	28 A
Wire cross section max. (ATEX)	4 mm²	Max. voltage (IECEX)	275 V
Current (IECEX)	28 A	Wire cross section max. (IECEX)	4 mm²
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

# **System specifications**

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

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# Technical data

Additional technical data			
Tuational tooling autu			
Open sides	right	Number of similar terminals	1
Explosion-tested version	Yes	Type of mounting	Clamped
CSA rating data			
			'
Wire cross section max. (CSA)	12 AWG	Voltage size C (CSA)	300 V
Current size C (CSA)	15 A	Certificate No. (CSA)	12400-130
Vire cross section min. (CSA)	22 AWG		
Conductors for clamping (add	litional connection)		
Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm²	Connection type, additional connection	Screw connection
Conductors for clamping (rate	ed connection)		
1500045			
Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 12
Connection direction	on side	Tightening torque, max.	0.1 Nm
Γightening torque, min.	0.5 Nm	Stripping length	8 mm
ype of connection 2	Screw connection	Type of connection	Screw connection
lumber of connections	4	Clamping range, max.	6 mm <sup>2</sup>
Clamping range, min.	0.13 mm <sup>2</sup>	Clamping screw	M 3
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 26
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.13 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.13 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	4 mm²	Wire connection cross section, finely stranded, min.	0.13 mm <sup>2</sup>
Connection cross-section, stranded, max.	4 mm²	Connection cross-section, stranded, min	.0.13 mm <sup>2</sup>
Twin wire-end ferrules, max.	1.5 mm <sup>2</sup>	Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>
Torque level with DMS electric screwdriver	2	Wire connection cross-section, solid core, max.	6 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.13 mm <sup>2</sup>	Connection cross-section, finely stranded, min.	0.13 mm²
General			
Wire connection cross section AWG,	AWG 12	Wire connection cross section AWG, min.	AWG 26
Standards	IEC 60947-7-1	Mounting rail	TS 35
Rating data			1
Rated cross-section	4 mm <sup>2</sup>	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	32 A
Current at maximum wires	41 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC	1.02 W	Pollution severity	3

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# **Technical data**

# **UL** rating data

Conductor size Factory wiring	max. (UR) 10 AWG	Current size C (UR) 27	7 A
Voltage size C (UR)	300 V	Conductor size Factory wiring min. (UR) 26	S AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR) 22	2 AWG
Conductor size Field wiring ma	ax. (UR) 10 AWG		

## Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20
ECLASS 13.0	27-25-01-02	ECLASS 14.0	27-25-01-02
ECLASS 15.0	27-25-01-02		



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# **Accessories**

#### **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**

Туре	Q 2 AKZ4	Version
Order No.	0336400000	Cross-connector (terminal), when screwed in, grey, 24 A, Number of
GTIN (EAN)	4008190037680	poles: 2, Pitch in mm (P): 6.10, Insulated: No, Width: 11.1 mm
Qty.	50 ST	
Туре	Q 3 AKZ4	Version
Type Order No.	Q 3 AKZ4 0336500000	Version Cross-connector (terminal), when screwed in, grey, 24 A, Number of

#### **Disconnect plugs**



In contrast to the terminal blocks with integrated disconnect lever, our disconnect plugs can be completely detached or removed from the terminal block and the respective application and offer a flexible alternative solution to our standard disconnectors.

## **General ordering data**

Туре	Q 4 AKZ4	Version
Order No.	0336600000	Cross-connector (terminal), when screwed in, grey, 24 A, Number of
GTIN (EAN)	4008190096656	poles: 4, Pitch in mm (P): 6.10, Insulated: No, Width: 23.3 mm
Qty.	50 ST	

#### **Cross-connections**







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# **Accessories**

## **General ordering data**

Type	Q 10 AKZ4
Order No.	0368600000
GTIN (EAN)	4008190056766
Qty.	20 ST

Version
Cross-connector (terminal), when screwed in, grey, 24 A, Number of poles: 10, Pitch in mm (P): 6.10, Insulated: No, Width: 59.9 mm

## **Disconnect plugs**



In contrast to the terminal blocks with integrated disconnect lever, our disconnect plugs can be completely detached or removed from the terminal block and the respective application and offer a flexible alternative solution to our standard disconnectors.

#### **General ordering data**

Туре	QB 2 WI RA6 IS
Order No.	0482700000
GTIN (EAN)	4008190166021
Qty.	50 ST

Cross-connector (terminal), when screwed in, grey, 27 A, Number of poles: 2, Pitch in mm (P): 6.00, Insulated: Yes, Width: 3 mm

## **Cross-connections**









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## **General ordering data**

Туре	QB 3 WI RA6 IS	Version
Order No.	0482800000	Cross-connector (terminal), when screwed in, grey, 27 A, Number of
GTIN (EAN)	4008190145217	poles: 3, Pitch in mm (P): 6.00, Insulated: Yes, Width: 3 mm
Qty.	50 ST	

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# **Accessories**

## **Disconnect plugs**



In contrast to the terminal blocks with integrated disconnect lever, our disconnect plugs can be completely detached or removed from the terminal block and the respective application and offer a flexible alternative solution to our standard disconnectors.

## **General ordering data**

Туре	QB 4 WI RA6 IS	Version
Order No.	0482900000	Cross-connector (terminal), when screwed in, grey, 27 A, Number of
GTIN (EAN)	4008190086169	poles: 4, Pitch in mm (P): 6.00, Insulated: Yes, Width: 3 mm
Qty.	50 ST	

## **End plates and partition plates**



End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

## **General ordering data**

Туре	AP DK4Q	Version
Order No.	1397160000	End plate for terminals, beige, Height: 54 mm, Width: 1.5 mm, V-2,
GTIN (EAN)	4008190125899	PA 66, Snap-on: Yes
Qty.	20 ST	
Туре	AP DK4Q BL	Version
Order No.	<u>1397180000</u>	End plate for terminals, blue, Height: 54 mm, Width: 1.5 mm, V-2, PA
GTIN (EAN)	4008190171728	66, Snap-on: Yes
Qty.	20 ST	
Qty.	20 ST WTW EN	Version
		Version Partition plate (terminal), dark beige, Height: 86 mm, Width: 3 mm,
Type Order No.	WTW EN	
Type Order No.	WTW EN 1058800000	Partition plate (terminal), dark beige, Height: 86 mm, Width: 3 mm,
Type Order No. GTIN (EAN)	WTW EN  1058800000  4008190140175	Partition plate (terminal), dark beige, Height: 86 mm, Width: 3 mm,
Type Order No. GTIN (EAN) Oty. Type	WTW EN  1058800000  4008190140175  20 ST	Partition plate (terminal), dark beige, Height: 86 mm, Width: 3 mm, V-0, Wemid
Type Order No. GTIN (EAN) Oty. Type Order No.	WTW EN  1058800000  4008190140175  20 ST  TSCH 6 DKI S4	Partition plate (terminal), dark beige, Height: 86 mm, Width: 3 mm, V-0, Wemid  Version

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# **Accessories**

## **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
 PS 2.3 RT
 Version

 Order No.
 0180400000
 Test adapter (terminal), 230 V, 20 mA

GTIN (EAN) 4008190060121

Qty. 20 ST

Type STB 8.5/D4/2.3/M2.5 AKZ

Order No. 0215700000 GTIN (EAN) 4008190184872

Qty. 50 ST

Version

Accessories, Socket

#### **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	EW 35	Version
Order No.	0383560000	End bracket, beige, TS 35, V-2, Wemid, Width: 8.5 mm, 100 °C
GTIN (EAN)	4008190181314	
Qty.	50 ST	
Туре	EWK 1	Version
	EWK 1 0206160000	Version End bracket, beige, TS 32, V-0, Wemid, Width: 9 mm, 100 °C

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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 AD 4 AKZ4

Order No. 0303400000

GTIN (EAN) 4008190068158

Oty. 50 ST

Version

Terminal cover, yellow, PVC, Height: 24.2 mm, Width: 20 mm, Depth:

1 mm, V-2

#### **Mounting support**



We offer a broad portfolio of mounting support for easy handling and supplementation of our products. From various tools to insulating sleeves and various screws, our components are matched to each other down to the last detail and thus facilitate assembly in compliance with the respective standards and protective regulations.

#### General ordering data

 Type
 BFSC M2.5X18 PA/RT
 Version

 Order No.
 0303300000
 Mounting screw (Terminal), 2.50 mm, Polyamide 66, Depth: 3.8 mm,

 GTIN (EAN)
 4008190040673
 Width: 4.5 mm, Height: 18 mm

 Qtv.
 100 ST

## **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.

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# **Accessories**

## **General ordering data**

Type	DEK 5/6 MC SDR	Version
Order No.	<u>1609830000</u>	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190456603	Weidmueller, To customer specification
Qty.	200 ST	

#### **Blank**



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#### **General ordering data**

Туре	DEK 5/6 MC NE WS	Version
Order No.	1609820000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190203436	Weidmueller, white
Qty.	1000 ST	
Туре	DEK 5/6 MC NE BL	Version
Order No.	1238290000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118267327	Weidmueller, blue
Qty.	1000 ST	
Туре	DEK 5/6 MC NE BR	Version
Order No.	1454900000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118323313	Weidmueller, brown
Qty.	1000 ST	
Туре	DEK 5/6 MC NE GE	Version
Order No.	1238280000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118038750	Weidmueller, yellow
Qty.	1000 ST	
Туре	DEK 5/6 MC NE GN	Version
Order No.	<u>1238310000</u>	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118271812	Weidmueller, green
Qty.	1000 ST	
Туре	DEK 5/6 MC NE GR	Version
Order No.	1238330000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118323306	Weidmueller, grey
Qty.	1000 ST	
Туре	DEK 5/6 MC NE OR	Version
Order No.	<u>1912090000</u>	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4032248540525	Weidmueller, orange
Qty.	1000 ST	

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# Accessories

#### Plus



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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.

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#### **General ordering data**

Туре	DEK 5/6 PLUS MC NE WS
Order No.	1011320000
GTIN (EAN)	4032248717644
Qty.	1000 ST

Version

Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00

Weidmueller, white

#### **Custom printing**



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- · Large range of ready-to-use markers
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#### **General ordering data**

Type	DEK 5/6 PLUS MC SDR	Version
Order No.	1038650000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4032248767908	Weidmueller, To customer specification
Qty.	200 ST	

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# Accessories

#### **DEK 5/6**



#### 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

#### **General ordering data**

Туре	DEK 5/6 MM WS	Version
Order No.	2007120000	Dekafix, Terminal marker, 5 x 6 mm, Weidmueller, white
GTIN (EAN)	4050118392104	
Qty.	600 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 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	
Туре	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
	100002000	Accessories, Market Holder
GTIN (EAN)	4032248270248	Accessories, ividicel floidel

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