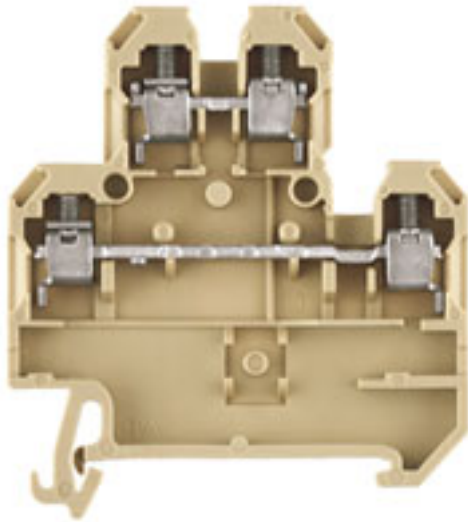


**W-series terminal with clamping yoke connection
DK 4Q/35**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmuller.com



The two-tier modular terminals can feed two potentials in one terminal.

General ordering data

Order No.	0590160000
Type	DK 4Q/35
Version	W-series terminal with clamping yoke connection, Feed-through terminal, Rated cross-section: 4 mm ² , Screw connection
GTIN (EAN)	4008190103521
Qty.	100 pc(s).

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Technical data

Dimensions

Length	50 mm	Width	6 mm
Height	60.5 mm	Height of lowest version	60.5 mm
Net weight	13.74 g		

Temperatures

Operating temperature		Storage temperature	
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	100 °C

Additional technical data

Explosion-tested version	Yes	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on
Version	Double terminal		

CSA ratings data

Certificate No. (CSA)	12400-130	Voltage size C (CSA)	300 V
Current size C (CSA)	15 A	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	22 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm ²
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Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	8 mm
Blade size	0.6 x 3.5 mm	Connection direction	on side
Number of connections	4	Clamping range, rated connection, min.	0.13 mm ²
Clamping range, rated connection, max.	6 mm ²	Clamping screw	M 3
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.8 Nm
Torque level with DMS electric screwdriver	2	Gauge to IEC 60947-1	A3
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	6 mm ²
Wire connection cross section, stranded, rated connection, min.	0.5 mm ²	Wire connection cross section, stranded, rated connection, max.	4 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm ²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Twin wire-end ferrules, max.	1.5 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12

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Technical data

Rated data

Rated cross-section	4 mm ²	Rated voltage	500 V
Rated impulse withstand voltage	6 kV	Rated current	32 A
Current at maximum wires	41 A	Standards	IEC 60947-7-1
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693VOL1SEC3	Voltage size C (UR)	300 V
Current size C (UR)	27 A	Conductor size Factory wiring max. (UR)	10 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	10 AWG

Material data

Material	PA 66	Colour	Beige
Flammability class UL 94	V-2		

System specifications

Product family	W-series terminal with clamping yoke connection	Type of connection	Screw connection
Connection direction	on side	Number of levels	2
Number of connections	4	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes		

Classifications

ETIM 2.0	EC000897	ETIM 3.0	EC000898
UNSPSC	30-21-18-11	eClass 4.1	27-14-11-20
eClass 5.1	27-14-11-20	eClass 6.0	27-14-11-20
eClass 7.0	27-14-11-20		

Product information

Descriptive text technical data With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

Downloads

STEP [0590160000_09841_DK_4Q-35_STP.stp](#)

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Accessories

Test plugs



The solution with Weidmüller test plugs and sockets guarantees a proper test of the installation.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
0180400000	PS 2.3 RT	General accessories, Test plug	4008190060121	20 pc(s).

WTW EN



The versatile and extensive range of products - from 0.05 mm² to 300 mm² - means that you have diverse options for your applications at your disposal. Hardened steel for mechanical strength and high-quality tinned copper for optimum conductivity. All materials comply with RoHS requirements and have been tested to current environment guidelines.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
1058800000	WTW EN	W-Series, Test adapter, Dark beige, 3 mm	4008190140175	20 pc(s).

Q ... AKZ 1.5



This type of cross-connection has a pre-assembled captive cross-connection lug, cross-connection sleeve and fixing screw.

All the individual parts are available separately on request. During installation, the pre-assembled cross-connectors are simply placed in the cross-connection slot in the middle of the terminal and screwed tight.

General ordering data

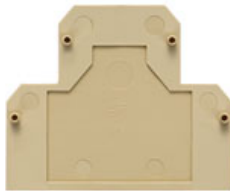
Order No.	Type	Version	GTIN (EAN)	Qty.
0368200000	Q 2 AKZ1.5	General accessories, Cross-connector, for cross-connection link, No. of poles: 2	4008190149987	50 pc(s).

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Accessories

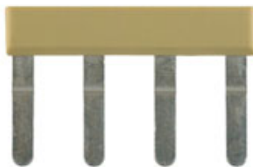
0368500000 Q 10 AKZ1.5	General accessories, Cross-connector, for cross-connection link, No. of poles: 10	4008190159481 20 pc(s).
0368300000 Q 3 AKZ1.5	General accessories, Cross-connector, for cross-connection link, No. of poles: 3	4008190074913 50 pc(s).
0368400000 Q 4 AKZ1.5	General accessories, Cross-connector, for cross-connection link, No. of poles: 4	4008190153892 50 pc(s).

AP end cover plates


Apart from a few exceptions, the last terminal in a terminal strip must be closed off with an AP end plate. End plates must also be used within a terminal strip when it makes use of terminals of different sizes. The overall dimensions of the end plates match the external dimensions of the associated terminal. The end plate is held in place by the end bracket.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
1397160000	AP DK4Q	General accessories, End plate, 1.5 mm, Beige, Direct mounting	4008190125899	20 pc(s).
1397180000	AP DK4Q BL	General accessories, End plate, 1.5 mm, Blue, Direct mounting	4008190171728	20 pc(s).

QB 2-, 3- and 4-poles, insulated


Cross-connection element, insulated
 6.0, 6.5 mm and 8.0 mm pitches

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
0482900000	QB 4 WI RA6 IS	General accessories, Cross-connector, for cross-connection link, No. of poles: 4	4008190086169	50 pc(s).

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Accessories

0482800000 QB 3 WI RA6 IS	General accessories, Cross-connector, for cross- connection link, No. of poles: 3	4008190145217 50 pc(s).
0482700000 QB 2 WI RA6 IS	General accessories, Cross-connector, for cross- connection link, No. of poles: 2	4008190166021 50 pc(s).

Q ... AKZ 4SS



This type of cross-connection has a pre-assembled captive cross-connection lug, cross-connection sleeve and fixing screw.
All the individual parts are available separately on request.
During installation, the pre-assembled cross-connectors are simply placed in the cross-connection slot in the middle of the terminal and screwed tight.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
0369000000	Q 2 AKZ4SS	General accessories, Cross-connector, for cross- connection link, No. of poles: 2	4008190143589	50 pc(s).
0369300000	Q 10 AKZ4SS	General accessories, Cross-connector, for cross- connection link, No. of poles: 10	4008190065744	20 pc(s).
0369100000	Q 3 AKZ4SS	General accessories, Cross-connector, for cross- connection link, No. of poles: 3	4008190074975	50 pc(s).
0369200000	Q 4 AKZ4SS	General accessories, Cross-connector, for cross- connection link, No. of poles: 4	4008190089207	50 pc(s).

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Accessories

Q ... AKZ 4



This type of cross-connection has a pre-assembled captive cross-connection lug, cross-connection sleeve and fixing screw.

All the individual parts are available separately on request. During installation, the pre-assembled cross-connectors are simply placed in the cross-connection slot in the middle of the terminal and screwed tight.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
0336500000	Q 3 AKZ4	General accessories, Cross-connector, for cross-connection link, No. of poles: 3	4008190121730	50 pc(s).
0336400000	Q 2 AKZ4	General accessories, Cross-connector, for cross-connection link, No. of poles: 2	4008190037680	50 pc(s).
0336600000	Q 4 AKZ4	General accessories, Cross-connector, for cross-connection link, No. of poles: 4	4008190096656	50 pc(s).
0368600000	Q 10 AKZ4	General accessories, Cross-connector, for cross-connection link, No. of poles: 10	4008190056766	20 pc(s).

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