

**DKT 4/35 PT100****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Why not integrating simple electrical functions into a feed through terminal. It has the same slim design of our feed-through terminal blocks - with additional functions such as cross-connections that can be used. Often, you only need a small component to integrate an external device into your automation technology. Our modular terminal blocks with electronic components make this possible; quickly, simply, and with a perfect fit.

**General ordering data**

Version	Component terminal block, Screw connection, 4 mm <sup>2</sup> , 400 V, 10 A, PT 100 temperature sensor, -50°C ... +100°C, TS 35, beige / yellow
Order No.	<a href="#">8014720000</a>
Type	DKT 4/35 PT100
GTIN (EAN)	4008190131289
Qty.	10 pc(s).

## DKT 4/35 PT100

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## Technical data

## Dimensions and weights

Depth	53.5 mm	Depth (inches)	2.106 inch
Height	65 mm	Height (inches)	2.559 inch
Width	6 mm	Width (inches)	0.236 inch
Net weight	17.56 g		

## Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	100 °C		

## Material data

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

## System specifications

Version	Screw connection, With resistor	End cover plate required	No
Number of potentials	1	Number of levels	2
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

## Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	closed	Type of mounting	Snap-on

## Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm <sup>2</sup>
Clamping range, min.	0.33 mm <sup>2</sup>	Clamping screw	M 2.5
Connection cross-section, stranded, max.	4 mm <sup>2</sup>	Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>
Connection direction	on side	Gauge to IEC 60947-1	A3
Number of connections	4	Stripping length	6 mm
Tightening torque, max.	0.7 Nm	Tightening torque, min.	0.4 Nm
Torque level with DMS electric screw-driver	2	Type of connection	Screw connection
Type of connection 2	Screw connection	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.5 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.	0.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		

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## Technical data

## Dimensions

TS 35 offset	33 mm
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## General

Rail	TS 35	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 22		

## Rating data

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	400 V
Rated DC voltage	400 V	Rated current	10 A
Current at maximum wires	10 A	Volume resistance according to IEC 60947-7-x	1 mΩ
Power loss in accordance with IEC 60947-7-x	1.02 W	Pollution severity	3

## Classifications

ETIM 6.0	EC000903	ETIM 7.0	EC000903
ETIM 8.0	EC000903	ETIM 9.0	EC000903
ECLASS 9.0	27-14-11-27	ECLASS 9.1	27-14-11-47
ECLASS 10.0	27-14-11-27	ECLASS 11.0	27-14-11-27
ECLASS 12.0	27-14-11-27	ECLASS 13.0	27-25-01-14

## Approvals

Approvals



ROHS	Conform
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## Downloads

Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a> <a href="#">UKCA declaration of conformity</a>
User Documentation	<a href="#">Storage Conditions</a> <a href="#">Terminal Blocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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## 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 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 ZA WS 10/5	Version
Order No.	<a href="#">1805520000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	
Type	BZT 1 WS 10/5	Version
Order No.	<a href="#">1805490000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	

## QB RA



Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

## General ordering data

Type	QB 3 WI RA6 IS	Version
Order No.	<a href="#">0482800000</a>	Cross-connector (terminal), when screwed in, Number of poles: 3,
GTIN (EAN)	4008190145217	Pitch in mm (P): 6.00, Insulated: Yes, 27 A, grey
Qty.	50 pc(s).	
Type	QB 4 WI RA6 IS	Version
Order No.	<a href="#">0482900000</a>	Cross-connector (terminal), when screwed in, Number of poles: 4,
GTIN (EAN)	4008190086169	Pitch in mm (P): 6.00, Insulated: Yes, 27 A, grey
Qty.	50 pc(s).	
Type	QB 2 WI RA6 IS	Version
Order No.	<a href="#">0482700000</a>	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190166021	Pitch in mm (P): 6.00, Insulated: Yes, 27 A, grey
Qty.	50 pc(s).	

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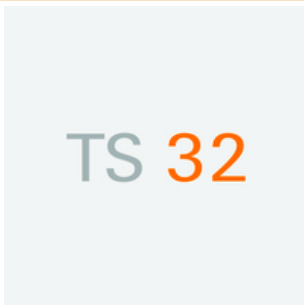
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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Insulation profiles****General ordering data**

Type	ISPF QB75 SW	Version
Order No.	<a href="#">0526700000</a>	Insulation profile, Plastic, black
GTIN (EAN)	4008190093723	
Qty.	10 pc(s).	

**TS 32**

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	EWK 1	Version
Order No.	<a href="#">0206160000</a>	End bracket, Wemid, beige, Rail: TS 32, when screwed in
GTIN (EAN)	4008190080020	
Qty.	50 pc(s).	

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## Accessories

## 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 5/6 MC NE WS	Version
Order No.	<a href="#">1609820000</a>	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190203436	Weidmueller, white
Qty.	1,000 pc(s).	

## Q / AKZ



Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

## General ordering data

Type	Q 4 AKZ4	Version
Order No.	<a href="#">0336600000</a>	Cross-connector (terminal), when screwed in, Number of poles: 4,
GTIN (EAN)	4008190096656	Pitch in mm (P): 6.10, Insulated: No, 24 A, grey
Qty.	50 pc(s).	
Type	Q 10 AKZ4	Version
Order No.	<a href="#">0368600000</a>	Cross-connector (terminal), when screwed in, Number of poles: 10,
GTIN (EAN)	4008190056766	Pitch in mm (P): 6.10, Insulated: No, 24 A, grey
Qty.	20 pc(s).	
Type	Q 2 AKZ4	Version
Order No.	<a href="#">0336400000</a>	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190037680	Pitch in mm (P): 6.10, Insulated: No, 24 A, grey
Qty.	50 pc(s).	

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## Accessories

Type	Q 3 AKZ4	Version
Order No.	<a href="#">0336500000</a>	Cross-connector (terminal), when screwed in, Number of poles: 3,
GTIN (EAN)	4008190121730	Pitch in mm (P): 6.10, Insulated: No, 24 A, grey
Qty.	50 pc(s).	

## SAK-Series



A partition plate is used for the optical separation of circuits or used for electrical isolation from neighbouring cross-connectors. In contrast to the end plate, the contour can be larger than the adjacent terminal blocks. However, it should not be smaller, as otherwise the required clearance and creepage distances within the application can no longer be maintained.

## General ordering data

Type	TSCH 4 AKZ4	Version
Order No.	<a href="#">0363360000</a>	Small partition (terminal), PA 66, beige, Continuous operating temp.,
GTIN (EAN)	4008190136680	max.: 100 °C
Qty.	100 pc(s).	

## Screws



Depending on the terminal block or also accessories, we offer different types of screws as additional items or also spare parts.

## General ordering data

Type	BFSC M2.5X18 PA/RT	Version
Order No.	<a href="#">0303300000</a>	Mounting screw (Terminal)
GTIN (EAN)	4008190040673	
Qty.	100 pc(s).	
Type	BFSC M2.5X14 SAKD2.5N	Version
Order No.	<a href="#">0266800000</a>	Mounting screw (Terminal)
GTIN (EAN)	4008190084899	
Qty.	100 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****QB**

Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

**General ordering data**

Type	QB 75/6.2/9/WI	Version
Order No.	<a href="#">0526400000</a>	Cross-connector (terminal), when screwed in, Number of poles: 75,
GTIN (EAN)	4008190099923	Pitch in mm (P): 6.00, Insulated: No, 27 A, grey
Qty.	10 pc(s).	

**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 8.5/D4/2.3/M2.5 AKZ	Version
Order No.	<a href="#">0215700000</a>	Accessories, Socket
GTIN (EAN)	4008190184872	
Qty.	50 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****SAK-Series**

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	Version
Order No.	<a href="#">0303400000</a>	Terminal cover, PVC, yellow, Height: 24.2 mm, Width: 20 mm, Depth:
GTIN (EAN)	4008190068158	1 mm
Qty.	50 pc(s).	

**Test plugs**

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.	<a href="#">0180400000</a>	Test adapter (terminal), 20 mA
GTIN (EAN)	4008190060121	
Qty.	20 pc(s).	

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## Accessories

## SAK-Series

SAK  
Series

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

Type	AP DKT4 PA	Version
Order No.	<a href="#">0687560000</a>	End plate (terminals), 65 mm x 1.5 mm, beige
GTIN (EAN)	4008190009465	
Qty.	20 pc(s).	

## SAK-Series

SAK  
Series

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## General ordering data

Type	EW 35	Version
Order No.	<a href="#">0383560000</a>	End bracket, Wemid, beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190181314	
Qty.	50 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Connection sleeves****General ordering data**

Type	VH 10/4/2.8 AKZ4	Version
Order No.	<a href="#">0446600000</a>	Connecting sleeve (terminal), Height: 4 mm, Width: 4 mm, Depth: 10
GTIN (EAN)	4008190176211	mm, Cu Zn
Qty.	50 pc(s).	
Type	VL 2 AKZ4/DK4	Version
Order No.	<a href="#">0446700000</a>	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190055486	Pitch in mm (P): 6.00, Insulated: No, 32 A, grey
Qty.	50 pc(s).	