

**DK 4/35 2D GET.SCH. A1****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    | SAK Series, Component terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection |
| Order No.  | <a href="#">0396660000</a>                                                                |
| Type       | DK 4/35 2D GET.SCH. A1                                                                    |
| GTIN (EAN) | 4008190126551                                                                             |
| Qty.       | 25 pc(s).                                                                                 |

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**Technical data****Dimensions and weights**

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 52.5 mm | Depth (inches)  | 2.067 inch |
| Height     | 50 mm   | Height (inches) | 1.969 inch |
| Width      | 6 mm    | Width (inches)  | 0.236 inch |
| Net weight | 12.28 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 diode | 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   |
| 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               | right | 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 3                 |
| 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                                                                        | 9 mm                |
| Tightening torque, max.                                                                 | 0.8 Nm               | Tightening torque, min.                                                                 | 0.5 Nm              |
| Torque level with DMS electric screwdriver                                              | 2                    | Type of connection                                                                      | 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. | 4 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> |

**Dimensions**

|              |       |
|--------------|-------|
| TS 35 offset | 27 mm |
|--------------|-------|

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## Technical data

## 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                                | 380 V |
| Rated DC voltage                            | 380 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 | 27250114    |

## Environmental Product Compliance

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | c6099607-b1cd-4fc8-8f5b-8c2defa73093 |

## Approvals

Approvals



|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

## Downloads

|                                             |                                                                                             |
|---------------------------------------------|---------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Declaration of Conformity</a><br><a href="#">UKCA declaration of conformity</a> |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>                                             |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                    |

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## Accessories

## 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 M2.5X14 SAKD2.5N      | Version                                                |
| Order No.  | <a href="#">0266800000</a> | SAK Series, Mounting screw, for cross-connection link  |
| GTIN (EAN) | 4008190084899              |                                                        |
| Qty.       | 100 pc(s).                 |                                                        |
| Type       | BFSC M2.5X18 PA/RT         | Version                                                |
| Order No.  | <a href="#">0303300000</a> | Accessories, Mounting screw, for cross-connection link |
| GTIN (EAN) | 4008190040673              |                                                        |
| Qty.       | 100 pc(s).                 |                                                        |

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

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## Accessories

## 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 10 AKZ4                  | Version                                                           |
| Order No.  | <a href="#">0368600000</a> | SAK Series, Cross-connector, for cross-connection link, Number of |
| GTIN (EAN) | 4008190056766              | poles: 10                                                         |
| Qty.       | 20 pc(s).                  |                                                                   |
| Type       | Q 2 AKZ4                   | Version                                                           |
| Order No.  | <a href="#">0336400000</a> | SAK Series, Cross-connector, for cross-connection link, Number of |
| GTIN (EAN) | 4008190037680              | poles: 2                                                          |
| Qty.       | 50 pc(s).                  |                                                                   |
| Type       | Q 4 AKZ4                   | Version                                                           |
| Order No.  | <a href="#">0336600000</a> | SAK Series, Cross-connector, for cross-connection link, Number of |
| GTIN (EAN) | 4008190096656              | poles: 4                                                          |
| Qty.       | 50 pc(s).                  |                                                                   |
| Type       | Q 3 AKZ4                   | Version                                                           |
| Order No.  | <a href="#">0336500000</a> | SAK Series, Cross-connector, for cross-connection link, Number of |
| GTIN (EAN) | 4008190121730              | poles: 3                                                          |
| Qty.       | 50 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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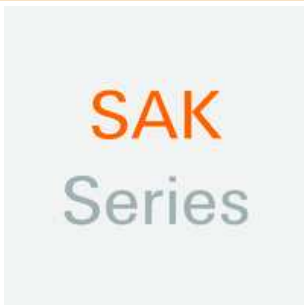
Germany

[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> | SAK Series, Cross-connector, for cross-connection link, Number of |
| GTIN (EAN) | 4008190099923              | poles: 75                                                         |
| Qty.       | 10 pc(s).                  |                                                                   |

**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**

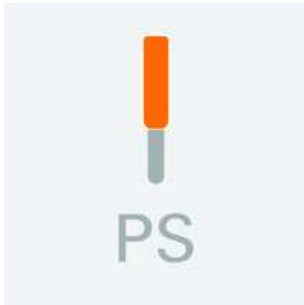
|            |                            |                                        |
|------------|----------------------------|----------------------------------------|
| Type       | AD 4 AKZ4                  | Version                                |
| Order No.  | <a href="#">0303400000</a> | SAK Series, cover plate, yellow, 20 mm |
| GTIN (EAN) | 4008190068158              |                                        |
| Qty.       | 50 pc(s).                  |                                        |

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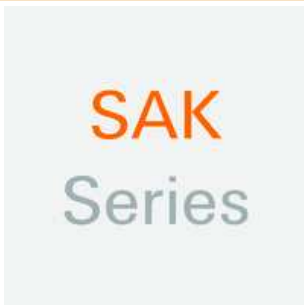
Germany

[www.weidmueller.com](http://www.weidmueller.com)**Accessories****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> | Accessories, Test plug |
| GTIN (EAN) | 4008190060121              |                        |
| Qty.       | 20 pc(s).                  |                        |

**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 DK4                     | Version                                               |
| Order No.  | <a href="#">0359260000</a> | SAK Series, End plate, 1.5 mm, beige, Direct mounting |
| GTIN (EAN) | 4008190012991              |                                                       |
| Qty.       | 20 pc(s).                  |                                                       |

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## Accessories

## 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> | SAK Series, Small partition, beige, 6 mm |
| GTIN (EAN) | 4008190136680              |                                          |
| 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> | SAK Series, Cross-connector, Cross-connector, Number of poles: 3 |
| GTIN (EAN) | 4008190145217              |                                                                  |
| Qty.       | 50 pc(s).                  |                                                                  |
| Type       | QB 2 WI RA6 IS             | Version                                                          |
| Order No.  | <a href="#">0482700000</a> | SAK Series, Cross-connector, Cross-connector, Number of poles: 2 |
| GTIN (EAN) | 4008190166021              |                                                                  |
| Qty.       | 50 pc(s).                  |                                                                  |
| Type       | QB 4 WI RA6 IS             | Version                                                          |
| Order No.  | <a href="#">0482900000</a> | SAK Series, Cross-connector, Cross-connector, Number of poles: 4 |
| GTIN (EAN) | 4008190086169              |                                                                  |
| Qty.       | 50 pc(s).                  |                                                                  |



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## Accessories

## Insulation profiles



## General ordering data

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

## 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

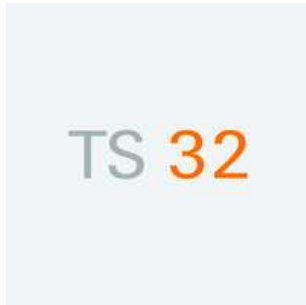
|            |                            |                                                           |
|------------|----------------------------|-----------------------------------------------------------|
| Type       | DEK 5/6 MC NE WS           | Version                                                   |
| 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).               |                                                           |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****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> | Accessories, End bracket |
| GTIN (EAN) | 4008190080020              |                          |
| Qty.       | 50 pc(s).                  |                          |

**Connection sleeves****General ordering data**

|            |                            |                                                                     |
|------------|----------------------------|---------------------------------------------------------------------|
| Type       | VL 2 AKZ4/DK4              | Version                                                             |
| Order No.  | <a href="#">0446700000</a> | SAK Series, Cross-connection lug, Cross-connector, Number of poles: |
| GTIN (EAN) | 4008190055486              | 2                                                                   |
| Qty.       | 50 pc(s).                  |                                                                     |

|            |                            |                                                                     |
|------------|----------------------------|---------------------------------------------------------------------|
| Type       | VH 10/4/2.8 AKZ4           | Version                                                             |
| Order No.  | <a href="#">0446600000</a> | SAK Series, Connecting sleeve, for cross-connection link, Number of |
| GTIN (EAN) | 4008190176211              | poles: 1                                                            |
| Qty.       | 50 pc(s).                  |                                                                     |

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

**SAK**  
Series

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.  | <a href="#">0383560000</a> | Accessories, End bracket |
| GTIN (EAN) | 4008190181314              |                          |
| Qty.       | 50 pc(s).                  |                          |