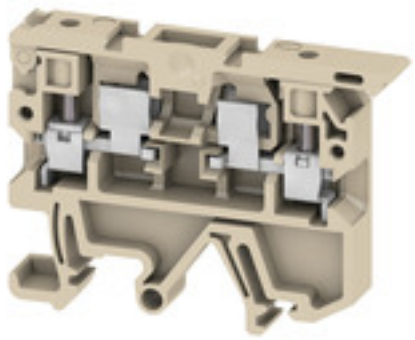
# ASK 1/EN LD 1D 115VAC

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

## Product image



Similar to illustration

In some applications it is useful to protect the feed through connection with a separate fuse. Fuse terminal blocks are made up of one terminal block bottom section with a fuse insertion carrier. The fuses vary from pivoting fuse levers and pluggable fuse holders to screwable closures and flat plug-in fuses.

### General ordering data

| | |
|---|---|
| Version | Fuse terminal, Screw connection, Fuse cartridge, with LED, One end without connector, Screw connection, 4 mm², 115 V, 6.3 A, G-Si. 5 x 20, beige / yellow |
| Order No. | 0225560000 |
| Type | ASK 1/EN LD 1D 115VAC |
| GTIN (EAN) | 4008190163419 |
| Qty. | 25 pc(s). |

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## Technical data

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 51.5 mm | Depth (inches) | 2.028 inch |
| Height | 58 mm | Height (inches) | 2.283 inch |
| Width | 8.1 mm | Width (inches) | 0.319 inch |
| Net weight | 13.72 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, Fuse cartridge, with LED, One end without connector | End cover plate required | Yes |
| 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, TS 32 | N-function | No |
| PE function | No | PEN function | No |

### Additional technical data

| | | | |
|---|---|---|---|
| Number of similar terminals | 1 | Open sides | right |
| Type of mounting | Snap-on | | |

### Conductors for clamping (additional connection)

| | |
|---|---|
| Connection type, additional connection | Screw connection |

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## Technical data

### Conductors for clamping (rated connection)

| | | | |
|---|---|---|---|
| Blade size | 0.6 x 3.5 mm | Clamping range, max. | 4 mm² |
| Clamping range, min. | 0.13 mm² | Clamping screw | M 3 |
| Connection direction | on side | Gauge to IEC 60947-1 | A3 |
| Number of connections | 2 | Stripping length | 9 mm |
| Tightening torque, max. | 0.8 Nm | Tightening torque, min. | 0.6 Nm |
| Torque level with DMS electric screwdriver | 2 | Twin wire-end ferrules, max. | 1.5 mm² |
| Twin wire-end ferrules, min. | 0.5 mm² | 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 26 | Wire connection cross section, finely stranded, max. | 4 mm² |
| Wire connection cross section, finely stranded, min. | 0.5 mm² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 4 mm² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 4 mm² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm² | Wire connection cross-section, solid core, max. | 4 mm² |
| Wire connection cross-section, solid core, min. | 0.5 mm² | | |

### Display element

| | |
|---|---|
| Type of voltage for indicator | AC |

### Fuse terminals

| | | | |
|---|---|---|---|
| Cartridge fuse | G-Si. 5 x 20 | Display | LED |
| Fuse holder (cartridge holder) | Pivoting | Operating voltage, max. | 115 V |
| Type of voltage for indicator | AC | | |

### General

| | | | |
|---|---|---|---|
| Rail | TS 35, TS 32 | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 26 | | |

### Rating data

| | | | |
|---|---|---|---|
| Rated cross-section | 4 mm² | Rated voltage | 115 V |
| Rated DC voltage | 115 V | Rated current | 6.3 A |
| Current at maximum wires | 6.3 A | Volume resistance according to IEC 60947-7-x | 1 mΩ |
| Rated impulse withstand voltage | 6 kV | Power loss in accordance with IEC 60947-7-x | 1.02 W |
| Pollution severity | 3 | | |

### UL rating data

| | | | |
|---|---|---|---|
| Certificate No. (UR) | E60693 | Conductor size Factory wiring max. (UR) | 12 AWG |
| Conductor size Factory wiring min. (UR) | 26 AWG | Conductor size Field wiring max. (UR) | 12 AWG |
| Conductor size Field wiring min. (UR) | 22 AWG | | |

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## Technical data

### Classifications

| | | | |
|---|---|---|---|
| ETIM 6.0 | EC000899 | ETIM 7.0 | EC000899 |
| ETIM 8.0 | EC000899 | ETIM 9.0 | EC000899 |
| ECLASS 9.0 | 27-14-11-16 | ECLASS 9.1 | 27-14-11-16 |
| ECLASS 10.0 | 27-14-11-16 | ECLASS 11.0 | 27-14-11-16 |
| ECLASS 12.0 | 27-14-11-16 | ECLASS 13.0 | 27-25-01-13 |

### Environmental Product Compliance

| | |
|---|---|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | b52a5893-ff9e-4f40-a221-35f12de6af41 |

### Important note

| | |
|---|---|
| Product information | The voltage depends on the selected fuse element or the selected indicator light |

### Approvals

| | |
|---|---|
| Approvals | |
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (UR) | E60693 |

### Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | Declaration of Conformity |
| Engineering Data | CAD data – STEP |
| User Documentation | StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |

# ASK 1/EN LD 1D 115VAC

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## Accessories

### 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 ASK1 BL | Version |
| Order No. | 0380380000 | End plate (terminals), 52 mm x 1.5 mm, blue |
| GTIN (EAN) | 4008190126292 | |
| Qty. | 20 pc(s). | |

| | | |
|---|---|---|
| Type | AP ASK1 | Version |
| Order No. | 0380360000 | End plate (terminals), 52 mm x 1.5 mm, beige |
| GTIN (EAN) | 4008190104115 | |
| Qty. | 20 pc(s). | |

### DEK 5/8

**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

| | | |
|---|---|---|
| Type | DEK 5/8 MM WS | Version |
| Order No. | 2007130000 | Dekafix, Terminal marker, 5 x 8 mm, Weidmueller, white |
| GTIN (EAN) | 4050118392012 | |
| Qty. | 500 pc(s). | |

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## Accessories

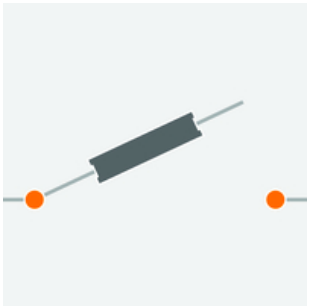
### SAK-Series

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. | 0383560000 | End bracket, Wemid, beige, Rail: TS 35, when screwed in |
| GTIN (EAN) | 4008190181314 | |
| Qty. | 50 pc(s). | |

### Contact sleeve



As accessories for our wide product portfolio of fuse terminal blocks, we also offer the appropriate fuse links. The portfolio includes device protection fuses (miniature fuses) from 5x20 mm up to 10x38 mm, E 14 to E 18 fuse links, as well as automotive fuses and automatic circuit breakers. Gauge rings for the fuse holders round off the overall portfolio.

### General ordering data

| | | |
|---|---|---|
| Type | VH 25/5/3.4 | Version |
| Order No. | 0553300000 | SAK Series, Contact sleeve |
| GTIN (EAN) | 4008190095604 | |
| Qty. | 100 pc(s). | |

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## Accessories

### Accessories

### General ordering data

| | | |
|---|---|---|
| Type | SCHS2 | Version |
| Order No. | 0337400000 | Device markers, Accessories x 8 mm, PVC, Colour: black |
| GTIN (EAN) | 4032248396047 | |
| Qty. | 1 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. | 0206160000 | 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 5/8 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). | |

### 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 ZA WS 10/5 | Version |
| Order No. | 1805520000 | Accessories, Marker holder |
| GTIN (EAN) | 4032248270248 | |
| Qty. | 100 pc(s). | |

| | | |
|---|---|---|
| Type | BZT 1 WS 10/5 | Version |
| Order No. | 1805490000 | Accessories, Marker holder |
| GTIN (EAN) | 4032248270231 | |
| Qty. | 100 pc(s). | |

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## Accessories

### 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 2 WI RA8 IS | Version |
| Order No. | 0461100000 | Cross-connector (terminal), when screwed in, Number of poles: 2, |
| GTIN (EAN) | 4008190034818 | Pitch in mm (P): 8.00, Insulated: Yes, 27 A, grey |
| Qty. | 50 pc(s). | |

| | | |
|---|---|---|
| Type | QB 4 WI RA8 IS | Version |
| Order No. | 0461300000 | Cross-connector (terminal), when screwed in, Number of poles: 4, |
| GTIN (EAN) | 4008190025373 | Pitch in mm (P): 8.00, Insulated: Yes, 27 A, grey |
| Qty. | 50 pc(s). | |

| | | |
|---|---|---|
| Type | QB 3 WI RA8 IS | Version |
| Order No. | 0461200000 | Cross-connector (terminal), when screwed in, Number of poles: 3, |
| GTIN (EAN) | 4008190161699 | Pitch in mm (P): 8.00, Insulated: Yes, 27 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 | TW SAKS2 HP/DBR/2 | Version |
| Order No. | 0607000000 | Partition plate (terminal), Intermediate plate, 80 mm x 70 mm, dark |
| GTIN (EAN) | 4008190002732 | brown |
| Qty. | 20 pc(s). | |

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## Accessories

### 5x20

For protection against overcurrent, we offer cartridge fuse with dimensions 5x20 mm in sizes from 100 mA to 6.3 A.

### General ordering data

| | | |
|---|---|---|
| Type | G 20/0.50A/F | Version |
| Order No. | 0430600000 | Miniature fuse, quick-acting, 0.5 A, G-Si. 5 x 20 |
| GTIN (EAN) | 4008190046835 | |
| Qty. | 10 pc(s). | |
| Type | G 20/3.15A/F | Version |
| Order No. | 0431100000 | Miniature fuse, quick-acting, 3.15 A, G-Si. 5 x 20 |
| GTIN (EAN) | 4008190012977 | |
| Qty. | 10 pc(s). | |
| Type | G 20/0.10A/F | Version |
| Order No. | 0430300000 | Miniature fuse, quick-acting, 0.1 A, G-Si. 5 x 20 |
| GTIN (EAN) | 4008190077174 | |
| Qty. | 10 pc(s). | |
| Type | G 20/5.00A/F | Version |
| Order No. | 0431300000 | Miniature fuse, quick-acting, 5 A, G-Si. 5 x 20 |
| GTIN (EAN) | 4008190185381 | |
| Qty. | 10 pc(s). | |
| Type | G 20/1.60A/F | Version |
| Order No. | 0430800000 | Miniature fuse, quick-acting, 1.6 A, G-Si. 5 x 20 |
| GTIN (EAN) | 4008190031503 | |
| Qty. | 10 pc(s). | |
| Type | G 20/0.20A/F | Version |
| Order No. | 0430400000 | Miniature fuse, quick-acting, 0.2 A, G-Si. 5 x 20 |
| GTIN (EAN) | 4008190152383 | |
| Qty. | 10 pc(s). | |
| Type | G 20/0.63A/F | Version |
| Order No. | 0439000000 | Miniature fuse, quick-acting, 0.63 A, G-Si. 5 x 20 |
| GTIN (EAN) | 4008190131210 | |
| Qty. | 10 pc(s). | |
| Type | G 20/2.00A/F | Version |
| Order No. | 0430900000 | Miniature fuse, quick-acting, 2 A, G-Si. 5 x 20 |
| GTIN (EAN) | 4008190123567 | |
| Qty. | 10 pc(s). | |
| Type | G 20/4.00A/F | Version |
| Order No. | 0431200000 | Miniature fuse, quick-acting, 4 A, G-Si. 5 x 20 |
| GTIN (EAN) | 4008190022983 | |
| Qty. | 10 pc(s). | |
| Type | G 20/1.00A/F | Version |
| Order No. | 0430700000 | Miniature fuse, quick-acting, 1 A, G-Si. 5 x 20 |
| GTIN (EAN) | 4008190093877 | |
| Qty. | 10 pc(s). | |

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## Accessories

| | | |
|---|---|---|
| Type | G 20/0.25A/F | Version |
| Order No. | 0430500000 | Miniature fuse, quick-acting, 0.25 A, G-Si. 5 x 20 |
| GTIN (EAN) | 4008190153991 | |
| Qty. | 10 pc(s). | |

| | | |
|---|---|---|
| Type | G 20/6.30A/F | Version |
| Order No. | 0431400000 | Miniature fuse, quick-acting, 6.3 A, G-Si. 5 x 20 |
| GTIN (EAN) | 4008190086053 | |
| Qty. | 10 pc(s). | |

| | | |
|---|---|---|
| Type | G 20/2.50A/F | Version |
| Order No. | 0431000000 | Miniature fuse, quick-acting, 2.5 A, G-Si. 5 x 20 |
| GTIN (EAN) | 4008190085513 | |
| Qty. | 10 pc(s). | |

### Lever connections

The lever link provides a mechanical connection of two separating levers.

### General ordering data

| | | |
|---|---|---|
| Type | HEVB ASK1 | Version |
| Order No. | 1359500000 | Operating tool, Lever connector |
| GTIN (EAN) | 4008190039967 | |
| Qty. | 50 pc(s). | |

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## Accessories

### Custom printing

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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

**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 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). | |