

**AST 1/35 6.3/2.8****Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

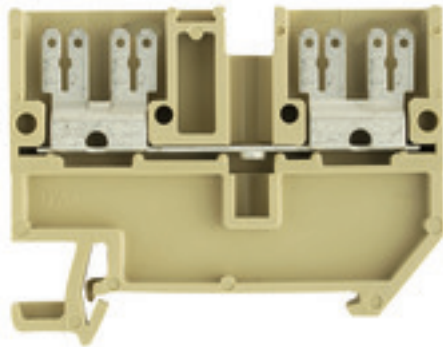
32760 Detmold

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**Product image**

Are you looking for an interface from electrical engineering to electronics? To be able to feed through to the electronic devices on the panel sometimes a solder connection or a standard pluggable solution is appropriate.

**General ordering data**

|            |  |
|------------|--|
| Version    | SAK Series, Feed-through terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Flat-blade connection, Direct mounting |
| Order No.  | <a href="#">0699660000</a>   |
| Type       | AST 1/35 6.3/2.8   |
| GTIN (EAN) | 4008190041861  |
| Qty.       | 50 pc(s).  |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 46 mm   | Depth (inches)  | 1.811 inch |
| Height     | 40 mm   | Height (inches) | 1.575 inch |
| Width      | 6.5 mm  | Width (inches)  | 0.256 inch |
| Net weight | 10.52 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                             | With cable lug connection F2.8, With cable lug connection F6.3, for screwable cross-connection, One end without connector | End cover plate required      | Yes |
| Number of potentials                | 1   | Number of levels              | 1   |
| Number of clamping points per level | 4   | Number of potentials per tier | 1   |
| Levels cross-connected internally   | No  | PE connection                 | No  |
| Rail                                | TS 35   | N-function                    | No  |
| PE function                         | No  | PEN function                  | No  |

## Additional technical data

|                             |         |                     |                 |
|-----------------------------|---------|---------------------|-----------------|
| Explosion-tested version    | No      | Installation advice | Direct mounting |
| Number of similar terminals | 1       | Open sides          | right           |
| Type of mounting            | Snap-on |                     |                 |

## CSA rating data

|                       |           |                      |      |
|-----------------------|-----------|----------------------|------|
| Certificate No. (CSA) | 12400-142 | Current size C (CSA) | 16 A |
| Voltage size C (CSA)  | 300 V     |                      |      |

## Conductors for clamping (rated connection)

|  |                       |  |                     |
|--|-----------------------|--|---------------------|
| Clamping range, max.                                 | 2.5 mm <sup>2</sup>   | Clamping range, min.                                 | 0.5 mm <sup>2</sup> |
| Connection direction                                 | top                   | Number of connections                                | 4                   |
| Type of connection                                   | Flat-blade connection | Wire connection cross section, finely stranded, max. | 2.5 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, min. | 0.5 mm <sup>2</sup>   |  |                     |

## General

|                     |   |      |       |
|---------------------|---|------|-------|
| Installation advice | Direct mounting                             | Rail | TS 35 |
| Standards           | IEC 61210, In accordance with IEC 60947-7-1 |      |       |

Creation date March 6, 2023 12:00:01 PM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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1 mm<sup>2</sup>

## Technical data

## Other connections

|  |                     |  |                   |
|--|---------------------|--|-------------------|
| Cable-lug connection                       | Slotted             | Rated cross-section spade connector 2.8 mm | 1 mm <sup>2</sup> |
| Rated cross-section spade connector 6.3 mm | 2.5 mm <sup>2</sup> |  |                   |

## Rating data

|                                 |   |  |         |
|---------------------------------|---|--|---------|
| Rated cross-section             | 2.5 mm <sup>2</sup>                         | Rated voltage                                | 500 V   |
| Rated current                   | 20 A  | Current at maximum wires                     | 20 A    |
| Standards                       | IEC 61210, In accordance with IEC 60947-7-1 | Volume resistance according to IEC 60947-7-x | 1.33 mΩ |
| Rated impulse withstand voltage | 6 kV  | Power loss in accordance with IEC 60947-7-x  | 0.77 W  |
| Pollution severity              | 3   |  |         |

## UL rating data

|                      |        |                     |      |
|----------------------|--------|---------------------|------|
| Certificate No. (UR) | E60693 | Current size C (UR) | 13 A |
| Voltage size C (UR)  | 300 V  |                     |      |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | EC000897    |
| ETIM 8.0    | 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 |

## Approvals

Approvals



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

## Downloads

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">EAC certificate</a><br><a href="#">MARITREG Certificate</a><br><a href="#">Declaration of Conformity</a><br><a href="#">CE Declaration of Conformity all terminals</a><br><a href="#">UKCA declaration of conformity</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>  |
| Engineering Data                            | <a href="#">WSCAD</a>  |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>  |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>   |