

**RSF 3/35****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

In specific applications and industries, a hook blade connection is the preferred technology. The spring loaded feed through terminals allow a fast and safe installation: after the cable lug has been inserted in the block the conductor is fixed by the spring until you can comfortably connect it with the screw.

**General ordering data**

|            |                                                                                                               |
|------------|---------------------------------------------------------------------------------------------------------------|
| Version    | SAK Series, Feed-through terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection, Direct mounting |
| Order No.  | <a href="#">9501160000</a>                                                                                    |
| Type       | RSF 3/35                                                                                                      |
| GTIN (EAN) | 4008190549534                                                                                                 |
| Qty.       | 50 pc(s).                                                                                                     |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 60 mm   | Depth (inches)  | 2.362 inch |
| Height     | 50 mm   | Height (inches) | 1.969 inch |
| Width      | 8 mm    | Width (inches)  | 0.315 inch |
| Net weight | 17.44 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 spring-loaded cable clamp. 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                                                                       | 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 |                     |                 |

## Conductors for clamping (additional connection)

|                                                                                             |                   |
|---------------------------------------------------------------------------------------------|-------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 4 mm <sup>2</sup> |
|---------------------------------------------------------------------------------------------|-------------------|

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## 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              | Number of connections                                                                   | 2                   |
| Stripping length                                                                        | 12 mm                | Tightening torque, max.                                                                 | 1 Nm                |
| Tightening torque, min.                                                                 | 0.5 Nm               | Torque level with DMS electric screwdriver                                              | 2                   |
| Type of connection                                                                      | Screw connection     | 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>  |                                                                                         |                     |

## General

|                     |                 |      |       |
|---------------------|-----------------|------|-------|
| Installation advice | Direct mounting | Rail | TS 35 |
| Standards           | IEC 60947-7-1   |      |       |

## Rating data

|                                 |                   |                                              |        |
|---------------------------------|-------------------|----------------------------------------------|--------|
| Rated cross-section             | 4 mm <sup>2</sup> | Rated voltage                                | 690 V  |
| Rated current                   | 32 A              | Current at maximum wires                     | 32 A   |
| Standards                       | IEC 60947-7-1     | 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                 |                                              |        |

## 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

## Technical data

### Downloads

|                                             |                                                                                                                                            |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EAC certificate</a><br><a href="#">Declaration of Conformity</a><br><a href="#">CE Declaration of Conformity all terminals</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                                                                            |
| Engineering Data                            | <a href="#">EPLAN, WSCAD, Zuken E3.S</a>                                                                                                   |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>                                                                                            |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                                                                   |