

**SAKTR 4****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

**General ordering data**

|               |                                     |
|---------------|-------------------------------------|
| Order No.     | <a href="#">1255750000</a>          |
| Type          | SAKTR 4                             |
| GTIN (EAN)    | 4050118120530                       |
| Qty.          | 100 Stück                           |
| Local product | Only available in certain countries |

## SAKTR 4

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technische Daten

### General ordering data

|               |                                     |
|---------------|-------------------------------------|
| Local product | Only available in certain countries |
|---------------|-------------------------------------|

### Dimensions and weights

|                          |            |                |            |
|--------------------------|------------|----------------|------------|
| Depth                    | 46.7 mm    | Depth (inches) | 1.839 inch |
| Depth including DIN rail | 38.5 mm    | Height         | 55 mm      |
| Height (inches)          | 2.165 inch | Width          | 6.1 mm     |
| Width (inches)           | 0.24 inch  | Net weight     | 8.707 g    |

### Temperatures

|                                  |                |                                  |     |
|----------------------------------|----------------|----------------------------------|-----|
| Storage temperature              | -25 °C...55 °C | Continuous operating temp., min. | -50 |
| Continuous operating temp., max. | 120            |                                  |     |

### Material data

|                           |         |        |      |
|---------------------------|---------|--------|------|
| Material                  | PA 66/6 | Colour | grey |
| UL 94 flammability rating | V-0     |        |      |

### System specifications

|                               |     |                                     |       |
|-------------------------------|-----|-------------------------------------|-------|
| 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

|                  |         |
|------------------|---------|
| Type of mounting | Snap-on |
|------------------|---------|

### Conductors for clamping (rated connection)

|                                                                                         |                     |                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------|---------------------|
| Clamping range, max.                                                                    | 4 mm <sup>2</sup>   | Clamping range, min.                                                                    | 0.5 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                                                                    | A4                  | Number of connections                                                                   | 4                   |
| Stripping length                                                                        | 10 mm               | Tightening torque, max.                                                                 | 0.8 Nm              |
| Tightening torque, min.                                                                 | 0.5 Nm              | Type of connection                                                                      | Screw connection    |
| Wire connection cross section AWG, max.                                                 | AWG 10              | 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 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, finely stranded with wire-end ferrules DIN 46228/4, max. | 4 mm <sup>2</sup>   |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm <sup>2</sup> | Wire connection cross-section, solid core, max.                                         | 6 mm <sup>2</sup>   |
| Wire connection cross-section, solid core, min.                                         | 0.5 mm <sup>2</sup> |                                                                                         |                     |

## SAKTR 4

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Technische Daten

### General

|                                         |        |                                         |        |
|-----------------------------------------|--------|-----------------------------------------|--------|
| Rail                                    | TS 35  | Wire connection cross section AWG, max. | AWG 10 |
| Wire connection cross section AWG, min. | AWG 22 |                                         |        |

### Rating data

|                                              |                   |                                 |       |
|----------------------------------------------|-------------------|---------------------------------|-------|
| Rated cross-section                          | 4 mm <sup>2</sup> | Rated voltage                   | 500 V |
| Rated current                                | 10 A              | Current at maximum wires        | 10 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) | 10 AWG |
| Conductor size Factory wiring min. (UR) | 22 AWG | Conductor size Field wiring max. (UR)   | 10 AWG |
| Conductor size Field wiring min. (UR)   | 22 AWG |                                         |        |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000902    | ETIM 7.0    | EC000902    |
| ETIM 8.0    | EC000902    | ECLASS 9.0  | 27-14-11-26 |
| ECLASS 9.1  | 27-14-11-26 | ECLASS 10.0 | 27-14-11-26 |
| ECLASS 11.0 | 27-14-11-26 |             |             |

### Approvals

Approvals



|                       |         |
|-----------------------|---------|
| ROHS                  | Conform |
| UL File Number Search | E60693  |

### Downloads

|                                             |                                                 |
|---------------------------------------------|-------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EU Declaration of Conformity</a>    |
| Engineering Data                            | <a href="#">STEP</a>                            |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>        |
| Brochures                                   |                                                 |