

**DKT 4/35 PT100****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

|            |                                                                                           |
|------------|-------------------------------------------------------------------------------------------|
| Version    | SAK Series, Component terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection |
| Order No.  | <a href="#">8014720000</a>                                                                |
| Type       | DKT 4/35 PT100                                                                            |
| GTIN (EAN) | 4008190131289                                                                             |
| Qty.       | 10 pc(s).                                                                                 |

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## Technical data

## Dimensions and weights

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Depth          | 53.5 mm    | Depth (inches)  | 2.106 inch |
| Height         | 65 mm      | Height (inches) | 2.559 inch |
| Net weight     | 17.56 g    | Width           | 6 mm       |
| Width (inches) | 0.236 inch |                 |            |

## 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 resistor | End cover plate required      | No |
| 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

|                             |         |            |        |
|-----------------------------|---------|------------|--------|
| Number of similar terminals | 1       | Open sides | closed |
| 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 2.5               |
| 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                                                                        | 6 mm                |
| Tightening torque, max.                                                                 | 0.7 Nm               | Tightening torque, min.                                                                 | 0.4 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 with wire-end ferrules DIN 46228/1, max. | 2.5 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 | 33 mm |
|--------------|-------|

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## General

|                                         |        |                                         |        |
|-----------------------------------------|--------|-----------------------------------------|--------|
| Rail                                    | TS 35  | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 22 |                                         |        |

## Rating data

|                                             |        |                                              |                   |
|---------------------------------------------|--------|----------------------------------------------|-------------------|
| Power loss in accordance with IEC 60947-7-x | 1.02 W | Rated cross-section                          | 4 mm <sup>2</sup> |
| Rated voltage                               | 400 V  | Rated current                                | 10 A              |
| Current at maximum wires                    | 10 A   | Volume resistance according to IEC 60947-7-x | 1 mΩ              |
| Pollution severity                          | 3      |                                              |                   |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000903    | ETIM 7.0    | 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 |

## Approvals

Approvals



ROHS

Conform

## Downloads

|                                             |                                                                              |
|---------------------------------------------|------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EAC certificate</a><br><a href="#">Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>                                                 |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>                              |