

**W terminal with special connection  
DKT 4/35****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

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**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**

|            |                                                                                                                                                                   |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type       | DKT 4/35                                                                                                                                                          |
| Order No.  | <a href="#">0687460000</a>                                                                                                                                        |
| Version    | W terminal with special connection, Disconnect and modular disconnect terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection, PA 66, Direct mounting |
| GTIN (EAN) | 4008190148690                                                                                                                                                     |
| Qty.       | 100 pc(s).                                                                                                                                                        |

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## Technical data

### Dimensions and weights

|                          |            |                 |            |
|--------------------------|------------|-----------------|------------|
| Width                    | 6 mm       | Width (inches)  | 0.236 inch |
| Height                   | 65 mm      | Height (inches) | 2.559 inch |
| Height of lowest version | 56.5 mm    | Depth           | 56.5 mm    |
| Depth (inches)           | 2.224 inch | Net weight      | 16.15 g    |

### Temperatures

|                                   |        |                                   |        |
|-----------------------------------|--------|-----------------------------------|--------|
| Operating temperature range, max. | 100 °C | Operating temperature range, min. | -50 °C |
| Continuous operating temp., min.  | -50 °C | Continuous operating temp., max.  | 100 °C |

### Material data

|          |       |                           |       |
|----------|-------|---------------------------|-------|
| Material | PA 66 | Insulating material       | PA 66 |
| Colour   | Beige | UL 94 flammability rating | V-2   |

### System specifications

|                                                          |            |                                  |       |
|----------------------------------------------------------|------------|----------------------------------|-------|
| Tightening torque (clamping screw for copper conductors) | 0.5...1 Nm | End cover plate required         | Yes   |
| Number of levels                                         | 2          | No. of clamping points per level | 2     |
| Levels cross-connected internally                        | No         | Mounting rail                    | TS 35 |

### 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)         | 12400-281 | Current size C (CSA)          | 25 A   |
| Voltage size C (CSA)          | 300 V     | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 26 AWG    |                               |        |

### Conductors for clamping (additional connection)

|                                                                                             |                     |                                                                                             |                     |
|---------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------|---------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 2.5 mm <sup>2</sup> | Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min. | 0.5 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.                                                                    | 0.13 mm <sup>2</sup> | Clamping screw                                                                          | M 3                 |
| Connection cross-section, stranded, max.                                                | 4 mm <sup>2</sup>    | Connection cross-section, stranded, min.                                                | 1.5 mm <sup>2</sup> |
| Connection direction                                                                    | on side              | Gauge to IEC 60947-1                                                                    | A3                  |
| Number of connections                                                                   | 4                    | Stripping length                                                                        | 9 mm                |
| Tightening torque, max.                                                                 | 1 Nm                 | Tightening torque, min.                                                                 | 0.5 Nm              |
| Torque level with DMS electric screwdriver                                              | 2                    | Twin wire-end ferrules, max.                                                            | 1.5 mm <sup>2</sup> |
| Twin wire-end ferrules, min.                                                            | 0.5 mm <sup>2</sup>  | Type of connection                                                                      | 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 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, finely stranded, min.                                    | 0.2 mm <sup>2</sup> |
| Wire connection cross-section, solid core, max.                                         | 4 mm <sup>2</sup>    | Wire connection cross-section, solid core, min.                                         | 0.2 mm <sup>2</sup> |

### Disconnect terminals

|                  |          |                      |    |
|------------------|----------|----------------------|----|
| Cross-disconnect | without  | Integral test socket | No |
| Slitting         | Pivoting |                      |    |

### Rating data

|                     |                   |                                 |       |
|---------------------|-------------------|---------------------------------|-------|
| Rated cross-section | 4 mm <sup>2</sup> | Rated voltage                   | 400 V |
| Rated current       | 10 A              | Current at maximum wires        | 10 A  |
| Standards           | IEC 60947-7-1     | Rated impulse withstand voltage | 6 kV  |
| 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 | Current size C (UR)                     | 10 A   |
| Voltage size C (UR)                     | 300 V  |                                         |        |

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC000902    | ETIM 4.0   | EC000902    |
| ETIM 6.0   | EC000902    | UNSPSC     | 30-21-18-11 |
| eClass 5.1 | 27-14-11-26 | eClass 6.2 | 27-14-11-26 |
| eClass 7.1 | 27-14-11-26 | eClass 9.1 | 27-14-11-26 |

### Product information

|                                |                                     |
|--------------------------------|-------------------------------------|
| Descriptive text ordering data | DKT 4/35 2 StB Order No. 0327960000 |
|--------------------------------|-------------------------------------|

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

Approval/Certificate/Document of  
Conformity

[DE\\_PT1302\\_20160418\\_143\\_ISSUE01.pdf](#)

Engineering Data

[EPLAN.WSCAD](#)

Engineering Data

[STEP](#)

### Safety note

Safety notice

[Safety Information](#)