

General ordering data

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|------------------|--|
| Order No. | 0590180000 |
| Part designation | DK 4Q/35 BL |
| Version | Feed-through terminal, 4 mm ² , Screw connection, PA 66, blue, TS 35 |
| EAN | 4008190088361 |
| Qty. | 100 pc(s). |

Product notes

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|----------------------|---|
| Note, technical data | With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V. |
|----------------------|---|

Additional technical data

| | |
|--|-------------------|
| Colour of insulating material | blue |
| Connection direction | on side |
| End plate required | Yes |
| Explosion-tested version "Ex e" | Yes |
| Installation advice | TS 35 |
| Insulating material | PA 66 |
| Levels cross-connected internally | No |
| No. of identical terminals | 1 |
| No. of levels | 2 |
| No. of terminal strips per level | 2 |
| Open sides | right |
| Operating temperature range | - 50 °C, + 100 °C |
| Type of connection | Screwed |
| Type of mounting | Snap-on |
| UL 94 flammability rating of insulation material | V2 |
| Version | Double terminal |

CSA rating data

| | |
|--------------------------|--------|
| Voltage (CSA) | 300 V |
| CSA current | 10 A |
| Min. cross-section (CSA) | AWG 26 |
| Max. cross-section (CSA) | AWG 12 |

Conductors for clamping (additional connection)

| | |
|--|---------------------|
| Flexible with ferrule, min. (DIN 46228 pt 1) | 0.5 mm ² |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 2.5 mm ² |

Conductors for clamping (rated connection)

| | |
|------------------------|----------------------|
| Clamping range, min. | 0.13 mm ² |
| Clamping range, max. | 6 mm ² |
| Type of connection | Screw connection |
| 2nd type of connection | screwed |
| Connection direction | on side |
| No. of connections | 4 |
| Stripping length | 8 mm |
| Clamping screw | M 3 |
| Blade size | 0.6 x 3.5 mm |

Conductors for clamping (rated connection)

| | |
|--|----------------------|
| Tightening torque range | 0.5...0.8 Nm |
| Torque level with DMS electric screwdriver | 2 |
| Gauge to IEC 60947-1 | A3 |
| Solid, min. | 0.5 mm ² |
| Solid, max. | 6 mm ² |
| Stranded, min. | 0.5 mm ² |
| Stranded, max. | 4 mm ² |
| Flexible, min. | 0.5 mm ² |
| Flexible, max. | 4 mm ² |
| Flexible with ferrule, min. (DIN 46228/1) | 0.5 mm ² |
| Flexible with ferrule, max. (DIN 46228/1) | 2.5 mm ² |
| Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) | 0.5 mm ² |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 2.5 mm ² |
| Twin wire-end ferrule, min. | 0.5 mm ² |
| Twin wire end ferrule, max. | 1.5 mm ² |
| AWG conductor size, min. | AWG 26 |
| AWG conductor size, max. | AWG 12 |
| AWG conductor size, min. | 0.13 mm ² |
| AWG conductor size, max. | 3.31 mm ² |

Dimensions

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|--------------------------|---------|
| Width | 6 mm |
| Height of lowest version | 60.5 mm |
| Length | 50 mm |
| TS 35 offset | 25 mm |

Disconnect terminals

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|--|---|
| Torque level with DMS electric screwdriver | 2 |
|--|---|

Rating data

| | |
|-----------------------------|-------------------|
| Rated cross-section | 4 mm ² |
| Rated voltage | 500 V |
| Rated impulse voltage | 6 kV |
| Rated current | 32 A |
| Standards | IEC 60947-7-1 |
| Current with max. conductor | 41 A |
| Pollution severity | 3 |

UL rating data

| | |
|-------------------------|--------|
| Voltage (UL) | 300 V |
| Current (UL) | 27 A |
| Min. cross-section (UL) | AWG 22 |
| Max. cross-section (UL) | AWG 12 |

Approvals

Approvals institutes



Classifications

| | |
|------------|-------------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| eClass 4.1 | 27-14-11-20 |
| eClass 5.0 | 27-14-11-20 |
| eClass 5.1 | 27-14-11-20 |

Similar products

| Order No. | Part designation | Version |
|------------|------------------|--|
| 0527660000 | DK 4/35 | Feed-through terminal, 4 mm ² , Screw connection, PA 66, beige, TS 35 |
| 0527680000 | DK 4/35 BL | Feed-through terminal, 4 mm ² , Screw connection, PA 66, blue, TS 35 |
| 0590160000 | DK 4Q/35 | Feed-through terminal, 4 mm ² , Screw connection, PA 66, beige, TS 35 |
| 0363660000 | DK 4QV/35 | Feed-through terminal, 4 mm ² , Screw connection, PA 66, beige, TS 35 |
| 0363680000 | DK 4QV/35 BL | Feed-through terminal, 4 mm ² , Screw connection, PA 66, blue, TS 35 |