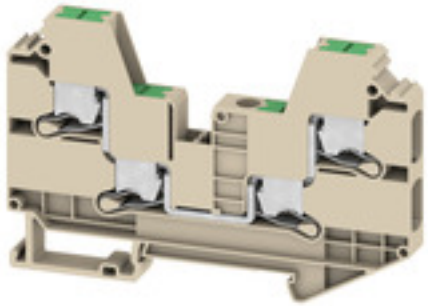
# SL4C 6

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



## General ordering data

| | |
|---|---|
| Version | Feed-through terminal block, SNAP IN, dark beige, 6 mm², 41 A, 1000 V, Number of connections: 4 |
| Order No. | 3037440000 |
| Type | SL4C 6 |
| GTIN (EAN) | 4099987000185 |
| Qty. | 50 pc(s). |

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## Technical data

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 57.6 mm | Depth (inches) | 2.268 inch |
| Depth including DIN rail | 66.6 mm | Height | 90.6 mm |
| Height (inches) | 3.567 inch | Width | 8.2 mm |
| Width (inches) | 0.323 inch | Net weight | 29.49 g |

### Temperatures

| | | | |
|---|---|---|---|
| Storage temperature | -25 °C...60 °C | Ambient temperature | -5 °C...110 °C |
| Continuous operating temp., min. | -60 °C | Continuous operating temp., max. | 130 °C |

### Material data

| | | | |
|---|---|---|---|
| Material | Wemid | Colour | dark beige |
| Colour of operational elements | green | 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

| | | | |
|---|---|---|---|
| Explosion-tested version | No | Open sides | right |
| Type of fixing | Snap-on | Type of mounting | TS 35 |

### CSA rating data

| | | | |
|---|---|---|---|
| Certificate No. (CSA) | 1256475-213329 | Current size B (CSA) | 40 A |
| Current size C (CSA) | 40 A | Voltage size B (CSA) | 600 V |
| Voltage size C (CSA) | 600 V | Wire cross section max. (CSA) | 8 AWG |
| Wire cross section min. (CSA) | 14 AWG | | |

### Conductors for clamping (additional connection)

| | |
|---|---|
| Connection type, additional connection | SNAP IN |

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## Technical data

### Conductors for clamping (rated connection)

| | | | |
|---|---|---|---|
| Blade size | 1.0 x 5.5 mm | Clamping range, max. | 10 mm² |
| Clamping range, min. | 0.5 mm² | Connection cross-section, stranded, max. | 10 mm² |
| Connection cross-section, stranded, min. | 1.5 mm² | Connection direction | on side |
| Gauge to IEC 60947-1 | A5 | Number of connections | 4 |
| Stripping length | 12 mm | Twin wire-end ferrules, max. | 4 mm² |
| Twin wire-end ferrules, min. | 1.5 mm² | Type of connection | SNAP IN |
| Wire connection cross section AWG, max. | AWG 8 | Wire connection cross section AWG, min. | AWG 20 |
| Wire connection cross section, finely stranded, max. | 10 mm² | Wire connection cross section, finely stranded, min. | 1.5 mm² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 6 mm² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 1.5 mm² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 6 mm² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 1.5 mm² |
| Wire connection cross-section, solid core, max. | 10 mm² | Wire connection cross-section, solid core, min. | 0.5 mm² |

### General

| | | | |
|---|---|---|---|
| Rail | TS 35 | Standards | IEC 60947-7-1 |
| Wire connection cross section AWG, max. | AWG 8 | Wire connection cross section AWG, min. | AWG 20 |

### Rating data

| | | | |
|---|---|---|---|
| Rated cross-section | 6 mm² | Rated voltage | 1,000 V |
| Rated voltage to adjoining terminal | 1,000 V | Rated DC voltage | 1,000 V |
| Rated current | 41 A | Current at maximum wires | 41 A |
| Standards | IEC 60947-7-1 | Volume resistance according to IEC 60947-7-x | 0.78 mΩ |
| Rated impulse withstand voltage | 8 kV | Power loss in accordance with IEC 60947-7-x | 1.31 mW |
| Pollution severity | 3 | Surge voltage category | III |

### UL rating data

| | | | |
|---|---|---|---|
| Certificate No. (cURus) | E60693 | Current size B (cURus) | 40 A |
| Current size C (cURus) | 40 A | Voltage size B (cURus) | 600 V |
| Wire cross section max. (cURus) | 8 AWG | Wire cross section min. (cURus) | 14 AWG |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 6.0 | EC000897 | ETIM 7.0 | EC000897 |
| ETIM 8.0 | EC000897 | ETIM 9.0 | EC000897 |
| ETIM 10.0 | 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 |
| ECLASS 13.0 | 27-25-01-01 | ECLASS 14.0 | 27-25-01-01 |
| ECLASS 15.0 | 27-25-01-01 | | |

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## Technical data

### Approvals

| | |
|---|---|
| Approvals | |
| Approvals MAMID | https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ |
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E60693 |

### Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

### Downloads

| | |
|---|---|
| Engineering Data | CAD data – STEP |

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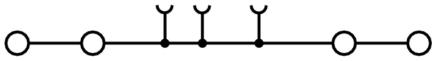
## Drawings



# SL4C 6

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## Accessories

### Custom printing

The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.
Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

### General ordering data

| | | |
|---|---|---|
| Type | DEK 5/8 MC SDR | Version |
| Order No. | 1856750000 | Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00 |
| GTIN (EAN) | 4032248400867 | Weidmueller, To customer specification |
| Qty. | 160 pc(s). | |

| | | |
|---|---|---|
| Type | DEK 5/8 PLUS MC SDR | Version |
| Order No. | 1046370000 | Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00 |
| GTIN (EAN) | 4032248782079 | Weidmueller, To customer specification |
| Qty. | 160 pc(s). | |

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## Accessories

### DEK 5/8

**WS/ DEK**
MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.
**Your benefits with MultiMark**

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

#### General ordering data

| | | |
|---|---|---|
| Type | DEK 5/8 MM WS | Version |
| Order No. | 2007130000 | Dekafix, Terminal marker, 5 x 8 mm, Weidmueller, white |
| GTIN (EAN) | 4050118392012 | |
| Qty. | 500 pc(s). | |

### 6 mm²

#### General ordering data

| | | |
|---|---|---|
| Type | SLEP 4C 6 | Version |
| Order No. | 3037640000 | End plate for terminals, dark beige, Height: 90.6 mm, Width: 2.2 mm, |
| GTIN (EAN) | 4099987000420 | V-0, Wemid, Snap-on: Yes |
| Qty. | 50 pc(s). | |

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## Accessories

### A-Series

Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

### General ordering data

| | | |
|---|---|---|
| Type | AEB 35 SCL/1 V0 | Version |
| Order No. | 2661280000 | A-series, End bracket |
| GTIN (EAN) | 4050118702163 | |
| Qty. | 20 pc(s). | |
| Type | AEB 35 SC/1 | Version |
| Order No. | 1991920000 | A-series, End bracket |
| GTIN (EAN) | 4050118376722 | |
| Qty. | 50 pc(s). | |
| Type | AEB 35 SCL/1 V0 BK | Version |
| Order No. | 2661300000 | A-series, End bracket |
| GTIN (EAN) | 4050118702187 | |
| Qty. | 20 pc(s). | |
| Type | AEB 35 SCL/1 V0 GY | Version |
| Order No. | 2661290000 | A-series, End bracket |
| GTIN (EAN) | 4050118702170 | |
| Qty. | 20 pc(s). | |
| Type | AEB 35 SC/1 BK | Version |
| Order No. | 2475310000 | A-series, End bracket |
| GTIN (EAN) | 4050118487114 | |
| Qty. | 50 pc(s). | |

### 6 mm²

### General ordering data

| | | |
|---|---|---|
| Type | ZQV 6SL/5 | Version |
| Order No. | 3077610000 | Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: |
| GTIN (EAN) | 4099987081818 | 5, Pitch in mm (P): 8.20, Insulated: Yes, Width: 39.3 mm |
| Qty. | 25 pc(s). | |

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## Accessories

| | | |
|---|---|---|
| Type | ZQV 6SL/4 | Version |
| Order No. | 3077600000 | Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: |
| GTIN (EAN) | 4099987081801 | 4, Pitch in mm (P): 8.20, Insulated: Yes, Width: 31.1 mm |
| Qty. | 25 pc(s). | |

| | | |
|---|---|---|
| Type | ZQV 6SL/10 | Version |
| Order No. | 3077620000 | Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: |
| GTIN (EAN) | 4099987081825 | 10, Pitch in mm (P): 8.20, Insulated: Yes, Width: 80.3 mm |
| Qty. | 10 pc(s). | |

| | | |
|---|---|---|
| Type | ZQV 6SL/2 | Version |
| Order No. | 3077580000 | Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: |
| GTIN (EAN) | 4099987081788 | 2, Pitch in mm (P): 8.20, Insulated: Yes, Width: 14.7 mm |
| Qty. | 25 pc(s). | |

| | | |
|---|---|---|
| Type | ZQV 6SL/3 | Version |
| Order No. | 3077590000 | Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: |
| GTIN (EAN) | 4099987081795 | 3, Pitch in mm (P): 8.20, Insulated: Yes, Width: 22.9 mm |
| Qty. | 25 pc(s). | |

### WS 8/8

**WS/ DEK**
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- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

### General ordering data

| | | |
|---|---|---|
| Type | WS-A 8/8 MM WS | Version |
| Order No. | 2448930000 | WS, Terminal marker, 8 x 8.1 mm, Weidmueller, white |
| GTIN (EAN) | 4050118462982 | |
| Qty. | 500 pc(s). | |

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## Accessories

### Blank

The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.
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- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

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#### General ordering data

| | | |
|---|---|---|
| Type | DEK 5/8 MC NE WS | Version |
| Order No. | 1856740000 | Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00 |
| GTIN (EAN) | 4032248400850 | Weidmueller, white |
| Qty. | 800 pc(s). | |

### Plus

The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.
Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

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#### General ordering data

| | | |
|---|---|---|
| Type | DEK 5/8 PLUS MC NE WS | Version |
| Order No. | 1046350000 | Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00 |
| GTIN (EAN) | 4032248782055 | Weidmueller, white |
| Qty. | 800 pc(s). | |