

S3C 6**Weidmüller Interface GmbH & Co. KG**Klingenbergsstraße 26
D-32758 Detmold
Germanywww.weidmueller.com

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

| | |
|------------|---|
| Version | Feed-through terminal block, SNAP IN, beige, 6 mm ² , 41 A, 1000 V, Number of connections: 3 |
| Order No. | 2935570000 |
| Type | S3C 6 |
| GTIN (EAN) | 4099986686304 |
| Qty. | 50 items |

S3C 6

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

www.weidmueller.com

Technical data

Approvals

Approvals



Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 45.5 mm | Depth (inches) | 1.7913 inch |
| Height | 84.5 mm | Height (inches) | 3.3268 inch |
| Width | 8.1 mm | Width (inches) | 0.3189 inch |
| Net weight | 0 g | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|---------------|
| Storage temperature | -25 °C...55 °C | Ambient temperature | -5 °C...40 °C |
| Continuous operating temp., min. | -60 °C | Continuous operating temp., max. | 130 °C |

Environmental Product Compliance

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

Material data

| | | | |
|--------------------------------|-------|---------------------------|-------|
| Basic material | Wemid | Colour | 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 | 3 |
| Number of potentials per tier | 1 | Levels cross-connected internally | No |
| PE connection | No | Mounting rail | TS 35 |
| N-function | No | PE function | No |
| PEN function | No | | |

Additional technical data

| | | | |
|--------------------------|-----|------------------|---------|
| With snap-in pegs | No | Open sides | right |
| Snap-on | Yes | Type of fixing | Snap-on |
| Explosion-tested version | No | Type of mounting | TS 35 |

Conductors for clamping (additional connection)

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

Conductors for clamping (rated connection)

| | | | |
|----------------------|-------------------|---|-------------------|
| Gauge to IEC 60947-1 | A5 | Wire connection cross section AWG, max. | AWG 8 |
| Connection direction | top | Stripping length | 12 mm |
| Type of connection | SNAP IN | Number of connections | 3 |
| Clamping range, max. | 6 mm ² | Clamping range, min. | 1 mm ² |

S3C 6

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

www.weidmueller.com

Technical data

| | | | |
|---|-------------------|---|---------------------|
| Blade size | 1.0 x 5.5 mm | Wire connection cross section AWG, min. | AWG 22 |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 6 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 1 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 6 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 1 mm ² |
| Wire connection cross section, finely stranded, max. | 6 mm ² | Wire connection cross section, finely stranded, min. | 1.5 mm ² |
| Connection cross-section, stranded, max. | 6 mm ² | Connection cross-section, stranded, min. | 1 mm ² |
| Wire connection cross-section, solid core, max. | 6 mm ² | Wire connection cross-section, solid core, min. | 1 mm ² |
| Connection cross-section, finely stranded, max. | 6 mm ² | Connection cross-section, finely stranded, min. | 1.5 mm ² |

General

| | | | |
|---|---------------|---|--------|
| Wire connection cross section AWG, max. | AWG 8 | Wire connection cross section AWG, min. | AWG 22 |
| Standards | IEC 60947-7-1 | Mounting rail | TS 35 |

Rating data

| | | | |
|--|-------------------|---------------------------------|---------------|
| Rated cross-section | 6 mm ² | Rated voltage | 1000 V |
| Rated DC voltage | 1000 V | Nominal 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 W | Surge voltage category | III |
| Pollution severity | 3 | | |

Classifications

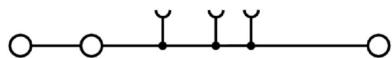
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000897 | ETIM 9.0 | EC000897 |
| ETIM 10.0 | EC000897 | ECLASS 14.0 | 27-25-01-01 |
| ECLASS 15.0 | 27-25-01-01 | | |

S3C 6

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

Drawings

www.weidmueller.com



S3C 6

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

www.weidmueller.com

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.

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 NE WS | Version |
| Order No. | 1856740000 | Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00 |
| GTIN (EAN) | 4032248400850 | Weidmüller, white |
| Qty. | 800 ST | |

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 | Weidmüller, To customer specification |
| Qty. | 160 ST | |
| 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 | Weidmüller, To customer specification |
| Qty. | 160 ST | |

S3C 6

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

www.weidmueller.com

Accessories

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.

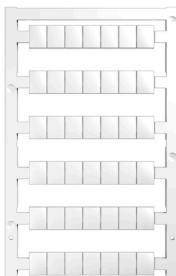
- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

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 PLUS MC NE WS | Version |
| Order No. | 1046350000 | Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00 |
| GTIN (EAN) | 4032248782055 | Weidmüller, white |
| Qty. | 800 ST | |

Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text.

WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

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 | WS 10/8 PLUS MC NE WS | Version |
| Order No. | 1905950000 | WS, Terminal marker, 10 x 8 mm, Pitch in mm (P): 8.00 Weidmüller, |
| GTIN (EAN) | 4032248528103 | white |
| Qty. | 420 ST | |

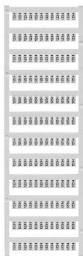
S3C 6

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

www.weidmueller.com

Accessories

Custom printing



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

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 | WS 10/8 PLUS MC SDR | Version |
| Order No. | 1906030000 | WS, Terminal marker, 10 x 8 mm, Pitch in mm (P): 8.00 Weidmueller, |
| GTIN (EAN) | 4032248528196 | To customer specification |
| Qty. | 84 ST | |

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 ST | |

S3C 6

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

www.weidmueller.com

Accessories

WS 8/8



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 | WS 8/8 MM WS | Version |
| Order No. | 2007170000 | WS, Terminal marker, 8 x 8 mm, Weidmüller, white |
| GTIN (EAN) | 4050118392043 | |
| Qty. | 500 ST | |

Testadapter and testsockets



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | ATPG 6 MI-R | Version |
| Order No. | 1991930000 | Test adapter (terminal), 1.5 mm ² , 250 V, 0.2 A |
| GTIN (EAN) | 4050118376555 | |
| Qty. | 50 ST | |

S3C 6

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

www.weidmueller.com

Accessories

End plates and partition plates



Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | APP 2 | Version |
| Order No. | 2489090000 | A-series, Partition plate |
| GTIN (EAN) | 4050118499308 | |
| Qty. | 50 ST | |
| Type | SEP 3C 6 | Version |
| Order No. | 2935670000 | End plate for terminals, dark beige, Height: 82.6 mm, Width: 2.1 mm, |
| GTIN (EAN) | 4099986686403 | V-0, Wemid, Snap-on: Yes |
| Qty. | 20 ST | |

End bracket



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

S3C 6

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

www.weidmueller.com

Accessories

| | | |
|------------|----------------------------|-----------------------|
| Type | AEB 35 SCL/1 VO GY | Version |
| Order No. | 2661290000 | A-series, End bracket |
| GTIN (EAN) | 4050118702170 | |
| Qty. | 20 ST | |

Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | ZQV 6N/10 | Version |
| Order No. | 2733970000 | Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 10, Pitch in mm (P): 8.00, Insulated: Yes, Width: 3.1 mm |
| GTIN (EAN) | 4064675066811 | |
| Qty. | 20 ST | |
| Type | ZQV 6N/10 BL | Version |
| Order No. | 2786910000 | Cross-connector (terminal), Plugged, blue, 41 A, Number of poles: 10, Pitch in mm (P): 8.00, Insulated: Yes, Width: 78.7 mm |
| GTIN (EAN) | 4064675064602 | |
| Qty. | 20 ST | |
| Type | ZQV 6N/2 | Version |
| Order No. | 1985740000 | Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 2, Pitch in mm (P): 8.00, Insulated: Yes, Width: 13.7 mm |
| GTIN (EAN) | 4050118370362 | |
| Qty. | 60 ST | |
| Type | ZQV 6N/2 BL | Version |
| Order No. | 1985830000 | Cross-connector (terminal), Plugged, blue, 41 A, Number of poles: 2, Pitch in mm (P): 8.00, Insulated: Yes, Width: 13.7 mm |
| GTIN (EAN) | 4050118370232 | |
| Qty. | 60 ST | |
| Type | ZQV 6N/20 | Version |
| Order No. | 2810820000 | Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 20, Pitch in mm (P): 8.00, Insulated: Yes, Width: 4.95 mm |
| GTIN (EAN) | 4064675283430 | |
| Qty. | 20 ST | |
| Type | ZQV 6N/3 | Version |
| Order No. | 1985760000 | Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 3, Pitch in mm (P): 8.00, Insulated: Yes, Width: 21.8 mm |
| GTIN (EAN) | 4050118370263 | |
| Qty. | 60 ST | |
| Type | ZQV 6N/3 BL | Version |
| Order No. | 1985840000 | Cross-connector (terminal), Plugged, blue, 41 A, Number of poles: 3, Pitch in mm (P): 8.00, Insulated: Yes, Width: 21.8 mm |
| GTIN (EAN) | 4050118370379 | |
| Qty. | 60 ST | |
| Type | ZQV 6N/4 | Version |
| Order No. | 1985780000 | Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 4, Pitch in mm (P): 8.00, Insulated: Yes, Width: 29.9 mm |
| GTIN (EAN) | 4050118370287 | |
| Qty. | 60 ST | |

S3C 6

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

www.weidmueller.com

Accessories

| | | |
|------------|----------------------------|--|
| Type | ZQV 6N/4 BL | Version |
| Order No. | 1985850000 | Cross-connector (terminal), Plugged, blue, 41 A, Number of poles: 4, |
| GTIN (EAN) | 4050118370447 | Pitch in mm (P): 8.00, Insulated: Yes, Width: 29.9 mm |
| Qty. | 60 ST | |
| Type | ZQV 6N/6 | Version |
| Order No. | 2733950000 | Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: |
| GTIN (EAN) | 4064675066699 | 6, Pitch in mm (P): 8.00, Insulated: Yes, Width: 3.1 mm |
| Qty. | 20 ST | |
| Type | ZQV 6N/6 BL | Version |
| Order No. | 2786890000 | Cross-connector (terminal), Plugged, blue, 41 A, Number of poles: 6, |
| GTIN (EAN) | 4064675064572 | Pitch in mm (P): 8.00, Insulated: Yes, Width: 46.3 mm |
| Qty. | 20 ST | |
| Type | ZQV 6N/7 | Version |
| Order No. | 2733960000 | Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: |
| GTIN (EAN) | 4064675066804 | 7, Pitch in mm (P): 8.00, Insulated: Yes, Width: 3.1 mm |
| Qty. | 20 ST | |
| Type | ZQV 6N/7 BL | Version |
| Order No. | 2786900000 | Cross-connector (terminal), Plugged, blue, 41 A, Number of poles: 7, |
| GTIN (EAN) | 4064675064596 | Pitch in mm (P): 8.00, Insulated: Yes, Width: 54.4 mm |
| Qty. | 20 ST | |