

## SL3C 6

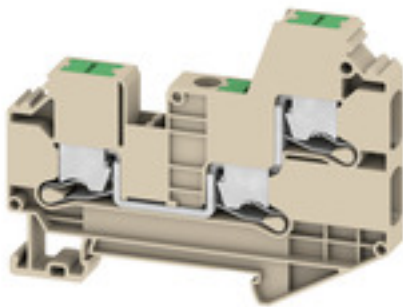
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)



### General ordering data

Version	Feed-through terminal block, SNAP IN, dark beige, 6 mm <sup>2</sup> , 41 A, 1000 V, Number of connections: 3
Order No.	<a href="#">3037410000</a>
Type	SL3C 6
GTIN (EAN)	4099987000154
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	76.7 mm
Height (inches)	3.02 inch	Width	8.2 mm
Width (inches)	0.323 inch	Net weight	22.61 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	3
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 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	10 mm <sup>2</sup>
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>	Connection direction	on side
Gauge to IEC 60947-1	A5	Number of connections	3
Stripping length	12 mm	Twin wire-end ferrules, max.	4 mm <sup>2</sup>
Twin wire-end ferrules, min.	1.5 mm <sup>2</sup>	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 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	1.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	10 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

## 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 mm <sup>2</sup>	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	<a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a>
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ROHS	Conform
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UL File Number Search	UL Website
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Certificate No. (cURus)	E60693
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## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
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REACH SVHC	No SVHC above 0.1 wt%
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## Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
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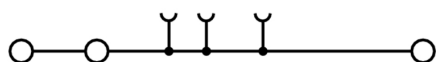
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## Drawings



## SL3C 6

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## Accessories

6 mm<sup>2</sup>

## General ordering data

Type	SLEP 3C 6	Version
Order No.	<a href="#">3037600000</a>	End plate for terminals, dark beige, Height: 76.7 mm, Width: 2.2 mm,
GTIN (EAN)	4099987000413	V-O, Wemid, Snap-on: Yes
Qty.	50 pc(s).	

## 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.	<a href="#">2007130000</a>	Dekafix, Terminal marker, 5 x 8 mm, Weidmueller, white
GTIN (EAN)	4050118392012	
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.

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.	<a href="#">1856740000</a>	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.

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## General ordering data

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

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## Accessories

6 mm<sup>2</sup>

## General ordering data

Type	ZQV 6SL/4	Version
Order No.	<a href="#">3077600000</a>	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.	<a href="#">3077620000</a>	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/5	Version
Order No.	<a href="#">3077610000</a>	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).	
Type	ZQV 6SL/3	Version
Order No.	<a href="#">3077590000</a>	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).	
Type	ZQV 6SL/2	Version
Order No.	<a href="#">3077580000</a>	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).	



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- Terminal markers, suitable for all Weidmüller cable connectors
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## General ordering data

Type	DEK 5/8 MC SDR	Version
Order No.	<a href="#">1856750000</a>	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.	<a href="#">1046370000</a>	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

## WS 8/8



## WS/ DEK

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## General ordering data

Type	WS-A 8/8 MM WS	Version
Order No.	<a href="#">2448930000</a>	WS, Terminal marker, 8 x 8.1 mm, Weidmueller, white
GTIN (EAN)	4050118462982	
Qty.	500 pc(s).	

## 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 BK	Version
Order No.	<a href="#">2661300000</a>	A-series, End bracket
GTIN (EAN)	4050118702187	
Qty.	20 pc(s).	
Type	AEB 35 SC/1	Version
Order No.	<a href="#">1991920000</a>	A-series, End bracket
GTIN (EAN)	4050118376722	
Qty.	50 pc(s).	

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

Type	AEB 35 SCL/1 V0 GY	Version
Order No.	<a href="#">2661290000</a>	A-series, End bracket
GTIN (EAN)	4050118702170	
Qty.	20 pc(s).	
Type	AEB 35 SC/1 BK	Version
Order No.	<a href="#">2475310000</a>	A-series, End bracket
GTIN (EAN)	4050118487114	
Qty.	50 pc(s).	
Type	AEB 35 SCL/1 V0	Version
Order No.	<a href="#">2661280000</a>	A-series, End bracket
GTIN (EAN)	4050118702163	
Qty.	20 pc(s).	