

SAKPE 2.5

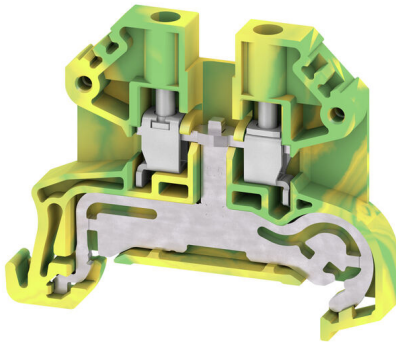
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



General ordering data

Version	PE terminal, Screw connection, green, 2.5 mm², 800 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, PA 66/6
Order No.	1124240000
Type	SAKPE 2.5
GTIN (EAN)	4032248985852
Qty.	100 items

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Technical data

Approvals

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ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E60693

Dimensions and weights

Depth	40.5 mm	Depth (inches)	1.5945 inch
Depth including DIN rail	41 mm	Height	51 mm
Height (inches)	2.0079 inch	Width	5.5 mm
Width (inches)	0.2165 inch	Net weight	9.6 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Environmental Product Compliance

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

Material data

Basic material	PA 66/6	Colour	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	2
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	Yes	Mounting rail	TS 35
N-function	No	PE function	Yes
PEN function	No		

Additional technical data

Type of mounting	Snap-on	Locking	for screw fixing
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Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A2	Wire connection cross section AWG, max.	AWG 12
Connection direction	on side	Tightening torque, max.	0.6 Nm
Tightening torque, min.	0.4 Nm	Stripping length	9 mm
Type of connection	Screw connection	Number of connections	2

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Clamping range, max.	2.5 mm ²	Clamping range, min.	0.5 mm ²
Clamping screw	M 2.5	Wire connection cross section AWG, min.	AWG 22
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross section, finely stranded, max.	2.5 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Connection cross-section, stranded, max.	2.5 mm ²	Connection cross-section, stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	2.5 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²
Connection cross-section, finely stranded, min.	0.5 mm ²		

General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 22
Standards	IEC 60947-7-2	Mounting rail	TS 35

Rating data

Rated cross-section	2.5 mm ²	Rated voltage to adjoining terminal	800 V
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage to adjacent terminal	8 kV	Power loss in accordance with IEC 60947-7-x	0.77 W
Surge voltage category	III	Pollution severity	3

UL rating data

Conductor size Factory wiring max. (UR)	12 AWG	Conductor size Factory wiring min. (UR)	22 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	22 AWG
Conductor size Field wiring max. (UR)	12 AWG		

Classifications

ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 14.0	27-25-01-03
ECLASS 15.0	27-25-01-03		

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Accessories
Accessories
General ordering data

Type	SAKAP 2.5-4	Version
Order No.	1129460000	End and partition plate for terminals, grey, Height: 39 mm, Width: 1.5 mm, V-O, PA 66/6
GTIN (EAN)	4032248970643	
Qty.	20 ST	
Type	SAKAP 2.5-4 BL	Version
Order No.	1370210000	End and partition plate for terminals, blue, Height: 39 mm, Width: 1.5 mm, V-O, PA 66/6
GTIN (EAN)	4050118178616	
Qty.	20 ST	
Type	SAKEW 35	Version
Order No.	1129450000	End and partition plate for terminals, grey, Height: 50, Width: 8.5, V-O, PA 66/6
GTIN (EAN)	4032248970612	
Qty.	50 ST	

Slotted screwdriver

 Slotted screwdriver with rounded blade SD DIN 5265,
 ISO 2380/2, output to DIN 5264, ISO 2380/1.
 ChromTop tip, SoftFinish grip

General ordering data

Type	SDS 0.6X3.5X100	Version
Order No.	2749340000	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade thickness (A): 0.6 mm
GTIN (EAN)	4050118895568	
Qty.	1 ST	

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Accessories

Dekafix



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.

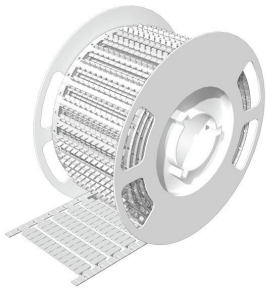
Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- 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 5/5.5 PLUS MC NE	Version
Order No.	1125030000	Dekafix, Terminal marker, 5 x 5.5 mm, Pitch in mm (P): 5.50
GTIN (EAN)	4032248956777	Weidmueller, white
Qty.	1000 ST	

BLM



General ordering data

Type	BLM 5/5.5 TB	Version
Order No.	7760380690	BLM, Terminal marker, 5 x 5.5 mm, Pitch in mm (P): 5.50
GTIN (EAN)	6944169819124	Weidmueller, white
Qty.	6000 ST	