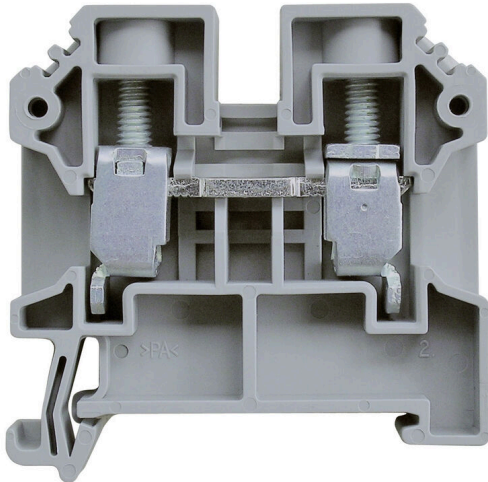


**SAKDU 16**

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

www.weidmueller.com



**General ordering data**

Version	Feed-through terminal, Screw connection, 10 mm <sup>2</sup> , 800 V, 76 A, grey
Order No.	<a href="#">1256770000</a>
Type	SAKDU 16
GTIN (EAN)	4050118120509
Qty.	50 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E60693

## Dimensions and weights

Depth	49.75 mm	Depth (inches)	1.9587 inch
Depth including DIN rail	50.5 mm	Height	51 mm
Height (inches)	2.0079 inch	Width	12 mm
Width (inches)	0.4724 inch	Net weight	21.96 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	grey
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
Mounting rail	TS 35		

## Additional technical data

Explosion-tested version	No	Type of mounting	Snap-on
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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	B6	Wire connection cross section AWG, max.	AWG 4
Connection direction	on side	Tightening torque, max.	1.6 Nm
Tightening torque, min.	1.2 Nm	Stripping length	15.5 mm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	16 mm <sup>2</sup>	Clamping range, min.	2.5 mm <sup>2</sup>
Clamping screw	M 4	Wire connection cross section AWG, min.	AWG 12

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## Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	2.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	16 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	2.5 mm <sup>2</sup>
Connection cross-section, stranded, max.	16 mm <sup>2</sup>	Connection cross-section, stranded, min.	2.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	2.5 mm <sup>2</sup>
Connection cross-section, finely stranded, min.	2.5 mm <sup>2</sup>		

### General

Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 12
Mounting rail	TS 35		

### Rating data

Rated cross-section	10 mm <sup>2</sup>	Rated voltage	800 V
Rated DC voltage	800 V	Nominal current	76 A
Current at maximum wires	76 A	Volume resistance according to IEC 60947-7-x	0.56 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	1.82 W
Surge voltage category	III	Pollution severity	3

### UL rating data

Voltage size B (UR)	600 V	Current size B (UR)	85 A
Conductor size Factory wiring max. (UR)	4 AWG	Current size C (UR)	85 A
Voltage size C (UR)	600 V	Conductor size Factory wiring min. (UR)	12 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	12 AWG
Conductor size Field wiring max. (UR)	4 AWG		

### 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		

## SAKDU 16

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## Accessories

## Accessories

## General ordering data

Type	SAKQ 16/2	Version
Order No.	<a href="#">1257090000</a>	Cross-connector (terminal), grey
GTIN (EAN)	4050118120677	
Qty.	20 ST	
Type	SAKQ 16/3	Version
Order No.	<a href="#">1257110000</a>	Cross-connector (terminal), grey
GTIN (EAN)	4050118120684	
Qty.	20 ST	
Type	SAKQ 16/4	Version
Order No.	<a href="#">1257120000</a>	Cross-connector (terminal), grey
GTIN (EAN)	4050118120691	
Qty.	20 ST	
Type	SAKQ 16/10	Version
Order No.	<a href="#">1257130000</a>	Cross-connector (terminal), grey
GTIN (EAN)	4050118120707	
Qty.	20 ST	
Type	SAKAP 16	Version
Order No.	<a href="#">1257070000</a>	End and partition plate for terminals, grey, Height: 50 mm, Width: 1.5 mm, V-0, PA 66/6
GTIN (EAN)	4050118120615	
Qty.	20 ST	
Type	SAKAP 16 BL	Version
Order No.	<a href="#">1370370000</a>	End and partition plate for terminals, blue, Height: 50 mm, Width: 1.5 mm, V-0, PA 66/6
GTIN (EAN)	4050118178739	
Qty.	20 ST	
Type	SAKEW 35	Version
Order No.	<a href="#">1129450000</a>	End and partition plate for terminals, grey, Height: 50 mm, Width: 8.5 mm, V-0, PA 66/6
GTIN (EAN)	4032248970612	
Qty.	50 ST	
Type	SAKTW 35	Version
Order No.	<a href="#">2696960000</a>	End and partition plate for terminals, grey, Height: 55 mm, Width: 1.5 mm, V-0, PA 66/6
GTIN (EAN)	4050118861464	
Qty.	20 ST	

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## Accessories

## 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 1.0X5.5X150	Version	
Order No.	<a href="#">2749380000</a>	Screwdriver, Blade width (B): 5.5 mm, Blade length: 150 mm, Blade thickness (A): 1 mm	
GTIN (EAN)	4050118895605		
Qty.	1 ST		

## 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.

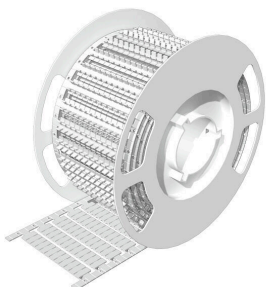
Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- 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.	<a href="#">1046350000</a>	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00	
GTIN (EAN)	4032248782055	Weidmueller, white	
Qty.	800 ST		

## BLM



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## Accessories

### General ordering data

Type	BLM 5/8 TB	Version	
Order No.	<a href="#">7760380692</a>	BLM, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00 Weidmueller,	
GTIN (EAN)	6944 1698 19148	white	
Qty.	4800 ST		