

SAKDU 10

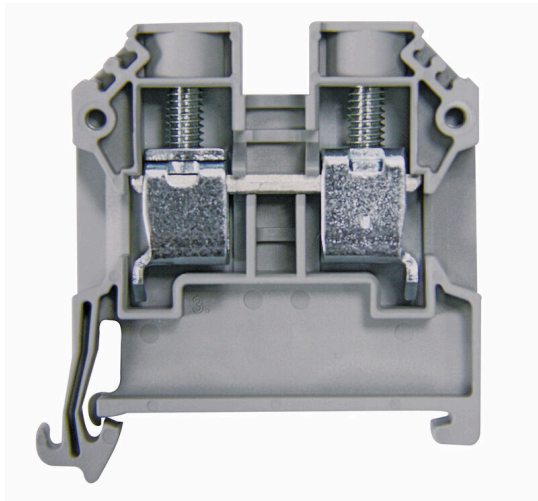
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



General ordering data

Version	Feed-through terminal, Screw connection, 10 mm ² , 800 V, 57 A, grey
Order No.	1124230000
Type	SAKDU 10
GTIN (EAN)	4032248985845
Qty.	100 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	46.35 mm	Depth (inches)	1.8248 inch
Depth including DIN rail	47 mm	Height	45 mm
Height (inches)	1.7716 inch	Width	9.9 mm
Width (inches)	0.3898 inch	Net weight	16.2 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
Number of potentials per tier	1	PE connection	No
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 6
Connection direction	on side	Tightening torque, max.	1.6 Nm
Tightening torque, min.	1.2 Nm	Stripping length	12 mm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	10 mm ²	Clamping range, min.	1.5 mm ²
Clamping screw	M 4	Wire connection cross section AWG, min.	AWG 16

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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	10 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²
Wire connection cross section, finely stranded, max.	10 mm ²	Wire connection cross section, finely stranded, min.	1.5 mm ²
Connection cross-section, stranded, max.	10 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Wire connection cross-section, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	1.5 mm ²
Connection cross-section, finely stranded, min.	1.5 mm ²		

General

Wire connection cross section AWG, max.	AWG 6	Wire connection cross section AWG, min.	AWG 16
Mounting rail	TS 35		

Rating data

Rated cross-section	10 mm ²	Rated voltage	800 V
Rated DC voltage	800 V	Nominal current	57 A
Current at maximum wires	57 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)	59 A
Conductor size Factory wiring max. (UR)	6 AWG	Current size C (UR)	59 A
Voltage size C (UR)	600 V	Conductor size Factory wiring min. (UR)	16 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	16 AWG
Conductor size Field wiring max. (UR)	6 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		

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Accessories

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Accessories

General ordering data

Type	SAKQ 10/2	Version
Order No.	1129400000	Cross-connector (terminal), when screwed in, grey, Number of poles:
GTIN (EAN)	4032248996254	2, Pitch in mm (P): 10.00, Insulated: No, Width: 6 mm
Qty.	50 ST	
Type	SAKQ 10/3	Version
Order No.	1129410000	Cross-connector (terminal), when screwed in, grey, Number of poles:
GTIN (EAN)	4032248996261	3, Pitch in mm (P): 10.00, Insulated: No, Width: 6 mm
Qty.	50 ST	
Type	SAKQ 10/4	Version
Order No.	1129430000	Cross-connector (terminal), when screwed in, grey, Number of poles:
GTIN (EAN)	4032248996278	4, Pitch in mm (P): 10.00, Insulated: No, Width: 6 mm
Qty.	50 ST	
Type	SAKQ 10/10	Version
Order No.	1129440000	Cross-connector (terminal), when screwed in, grey, Number of poles:
GTIN (EAN)	4032248996285	10, Pitch in mm (P): 10.00, Insulated: No, Width: 6 mm
Qty.	20 ST	
Type	SAKEW 35	Version
Order No.	1129450000	End and partition plate for terminals, grey, Height: 50 mm, Width: 8.5
GTIN (EAN)	4032248970612	mm, V-O, PA 66/6
Qty.	50 ST	
Type	SAKAP 6-10	Version
Order No.	1129470000	End and partition plate for terminals, grey, Height: 41 mm, Width: 1.5
GTIN (EAN)	4032248970636	mm, V-O, PA 66/6
Qty.	20 ST	
Type	SAKAP 6-10 BL	Version
Order No.	1370230000	End and partition plate for terminals, blue, Height: 41 mm, Width: 1.5
GTIN (EAN)	4050118178623	mm, V-O, PA 66/6
Qty.	20 ST	
Type	SAKTW 35	Version
Order No.	2696960000	End and partition plate for terminals, grey, Height: 55 mm, Width: 1.5
GTIN (EAN)	4050118861464	mm, V-O, PA 66/6
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.	2749380000	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.

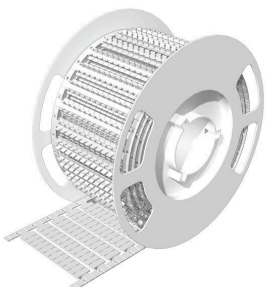
Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- 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.	1046350000	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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General ordering data

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