SAKDU 16 BK

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

www.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, Screw connection, 10 mm², 800 V, 76 A, black
Order No.	1371810000
Type	SAKDU 16 BK
GTIN (EAN)	4050118173253
Qty.	50 pc(s).
Local product	Only available in certain countries

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Technical data

General ordering data

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Dimensions and weights

Depth	49.75 mm	Depth (inches)	1.959 inch
Depth including DIN rail	50.5 mm	Height	51 mm
Height (inches)	2.008 inch	Width	12 mm
Width (inches)	0.472 inch	Net weight	24.98 g

Temperatures

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

Material data

Material	PA 66/6	Colour	black
UL 94 flammability rating	V-0		

System specifications

End cover plate required	Yes	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
PE connection	No	Rail	TS 35

Additional technical data

Type of mounting	Snap-on

Conductors for clamping (rated connection)

Clamping range, max.	16 mm²	Clamping range, min.	2.5 mm²
Clamping screw	M 4	Connection cross-section, stranded, max.	16 mm²
Connection cross-section, stranded, min.	2.5 mm²	Connection direction	on side
Gauge to IEC 60947-1	B6	Number of connections	2
Stripping length	15.5 mm	Tightening torque, max.	1.6 Nm
Tightening torque, min.	1.2 Nm	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 12
Wire connection cross section, finely stranded, max.	16 mm²	Wire connection cross section, finely stranded, min.	4 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	4 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	4 mm²
Wire connection cross-section, solid core, max.	16 mm²	Wire connection cross-section, solid core, min.	2.5 mm²

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General

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

Rating data

Rated cross-section	10 mm²	Rated voltage	800 V
Rated DC voltage	800 V	Rated 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
Pollution severity	3	Surge voltage category	III

UL rating data

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

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	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	27250101

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

Downloads

Approval/Certificate/Document of Conformity	CE Declaration of Conformity UKCA declaration of conformity
Engineering Data	CAD data – STEP
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

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Accessories

End plate



Klippon® Connect with clamping yoke Technology
The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easer and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

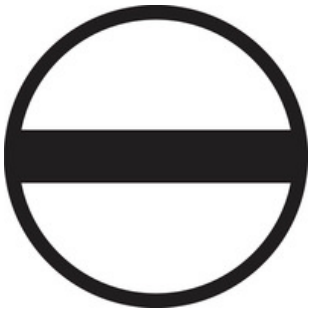
General ordering data

Type	SAKTW 35
Order No.	2696960000
GTIN (EAN)	4050118861464
Qty.	20 pc(s).

Type	SAKAP 16 BL
Order No.	1370370000
GTIN (EAN)	4050118178739
Qty.	20 pc(s).

Type	SAKAP 16
Order No.	1257070000
GTIN (EAN)	4050118120615
Qty.	20 pc(s).

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
GTIN (EAN)	4050118895605	thickness (A): 1 mm
Qty.	1 pc(s).	

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Accessories

End bracket



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General ordering data

Type	SAKEW 35
Order No.	1129450000
GTIN (EAN)	4032248970612
Qty.	50 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.
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 pc(s).	

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Accessories

BLM

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)	6944169819148	white
Qty.	4,800 pc(s).	

SAKQ 16



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General ordering data

Type	SAKQ 16/4
Order No.	1257120000
GTIN (EAN)	4050118120691
Qty.	20 pc(s).

Type	SAKQ 16/2
Order No.	1257090000
GTIN (EAN)	4050118120677
Qty.	20 pc(s).

Type	SAKQ 16/3
Order No.	1257110000
GTIN (EAN)	4050118120684
Qty.	20 pc(s).

Type	SAKQ 16/10
Order No.	1257130000
GTIN (EAN)	4050118120707
Qty.	20 pc(s).