

SAKDU 6N YE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**General ordering data**

Version	Feed-through terminal block, Screw connection, yellow, 6 mm ² , 41 A, 800 V, Number of connections: 2
Order No.	2776700000
Type	SAKDU 6N YE
GTIN (EAN)	4064675044185
Qty.	100 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	46.35 mm	Depth (inches)	1.8248 inch
Height	45 mm	Height (inches)	1.7716 inch
Width	7.9 mm	Width (inches)	0.311 inch
Net weight	8.24 g		

Temperatures

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	yellow
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
Levels cross-connected internally	No		

Additional technical data

Type of mounting	Snap-on
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Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A5	Wire connection cross section AWG, max.	AWG 8
Connection direction	on side	Tightening torque, max.	1.2 Nm
Tightening torque, min.	0.8 Nm	Stripping length	12 mm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	6 mm ²	Clamping range, min.	0.5 mm ²
Clamping screw	M 3.5	Wire connection cross section AWG, min.	AWG 22
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 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.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²

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Wire connection cross section, finely stranded, max.	6 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Connection cross-section, stranded, max.	6 mm ²	Connection cross-section, stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	6 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 8	Wire connection cross section AWG, min.	AWG 22
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Rating data

Rated cross-section	6 mm ²	Rated voltage	800 V
Rated DC voltage	800 V	Nominal current	41 A
Current at maximum wires	41 A	Volume resistance according to IEC 60947-7-x	0.78 mΩ
Rated impulse withstand voltage	8 kV	Surge voltage category	III
Pollution severity	3		

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		

Accessories

General ordering data

Type	SAKQ 6/2	Version
Order No.	1129350000	Cross-connector (terminal), when screwed in, grey, Number of poles:
GTIN (EAN)	4032248996216	2, Pitch in mm (P): 8.00, Insulated: No, Width: 6 mm
Qty.	50 ST	
Type	SAKQ 6/3	Version
Order No.	1129370000	Cross-connector (terminal), when screwed in, grey, Number of poles:
GTIN (EAN)	4032248996223	3, Pitch in mm (P): 8.00, Insulated: No, Width: 6 mm
Qty.	50 ST	
Type	SAKQ 6/4	Version
Order No.	1129380000	Cross-connector (terminal), when screwed in, grey, Number of poles:
GTIN (EAN)	4032248996230	4, Pitch in mm (P): 8.00, Insulated: No, Width: 6 mm
Qty.	50 ST	
Type	SAKQ 6/10	Version
Order No.	1129390000	Cross-connector (terminal), when screwed in, grey, Number of poles:
GTIN (EAN)	4032248996247	10, Pitch in mm (P): 8.00, Insulated: No, Width: 6 mm
Qty.	20 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-0, 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-0, PA 66/6
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-0, PA 66/6
Qty.	50 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-0, PA 66/6
Qty.	20 ST	

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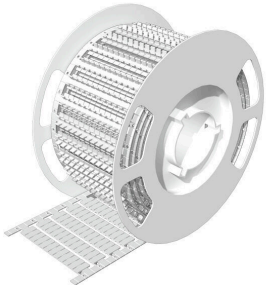
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Accessories

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)	6944 1698 19 148	white	
Qty.	4800 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		

Slotted screwdriver



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

Accessories

General ordering data

Type	SDS 0.8X4.0X100	Version	
Order No.	2749360000	Screwdriver, Blade width (B): 4 mm, Blade length: 100 mm, Blade	
GTIN (EAN)	4050118895582	thickness (A): 0.8 mm	
Qty.	1 ST		