

SAKDU 4/ZZ/ZA BK

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

www.weidmueller.com



General ordering data

Version	Feed-through terminal, Screw connection, 4 mm ² , 690 V, 32 A, black
Order No.	1421240000
Type	SAKDU 4/ZZ/ZA BK
GTIN (EAN)	4050118225020
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	47.35 mm	Depth (inches)	1.8642 inch
Depth including DIN rail	48 mm	Height	64 mm
Height (inches)	2.5197 inch	Width	6.1 mm
Width (inches)	0.2402 inch	Net weight	13.41 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	black
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, for screwable cross-connection, Twin connection, With assembly peg, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	4	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Explosion-tested version No

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

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Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 10
Connection direction	on side	Tightening torque, max.	0.8 Nm
Tightening torque, min.	0.5 Nm	Stripping length	8 mm
Type of connection	Screw connection	Number of connections	4
Clamping range, max.	4 mm ²	Clamping range, min.	0.5 mm ²
Clamping screw	M 3	Wire connection cross section AWG, min.	AWG 22
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 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.	4 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.	4 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	Wire connection cross-section, solid core, max.	4 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 10	Wire connection cross section AWG, min.	AWG 22
Mounting rail	TS 35		

Rating data

Rated cross-section	4 mm ²	Rated voltage	690 V
Rated DC voltage	690 V	Nominal current	32 A
Current at maximum wires	32 A	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	1.02 W
Surge voltage category	III	Pollution severity	3

UL rating data

Voltage size B (UR)	300 V	Current size B (UR)	31 A
Conductor size Factory wiring max. (UR)	10 AWG	Current size C (UR)	31 A
Voltage size C (UR)	300 V	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)	10 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

Accessories

General ordering data

Type	SAKQ 4/2	Version
Order No.	1129310000	Cross-connector (terminal), when screwed in, grey, Number of poles:
GTIN (EAN)	4032248996483	2, Pitch in mm (P): 6.10, Insulated: No, Width: 6 mm
Qty.	50 ST	
Type	SAKQ 4/3	Version
Order No.	1129320000	Cross-connector (terminal), when screwed in, grey, Number of poles:
GTIN (EAN)	4032248996162	3, Pitch in mm (P): 6.10, Insulated: No, Width: 6 mm
Qty.	50 ST	
Type	SAKQ 4/4	Version
Order No.	1129330000	Cross-connector (terminal), when screwed in, grey, Number of poles:
GTIN (EAN)	4032248996179	4, Pitch in mm (P): 6.10, Insulated: No, Width: 6 mm
Qty.	50 ST	
Type	SAKQ 4/10	Version
Order No.	1129340000	Cross-connector (terminal), when screwed in, grey, Number of poles:
GTIN (EAN)	4032248996186	10, Pitch in mm (P): 6.10, 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-0, PA 66/6
Qty.	50 ST	
Type	SAKAP/SAKDU 4/ZZ/ZA	Version
Order No.	1421270000	End and partition plate for terminals, grey, Height: 34.35 mm, Width:
GTIN (EAN)	4050118225167	2 mm, V-0, PA 66/6
Qty.	20 ST	
Type	SAKAP/SAKDU 4/ZZ/ZA BL	Version
Order No.	1421280000	End and partition plate for terminals, blue, Height: 34.35 mm, Width:
GTIN (EAN)	4050118225044	2 mm, V-0, PA 66/6
Qty.	20 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

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Accessories

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		

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.

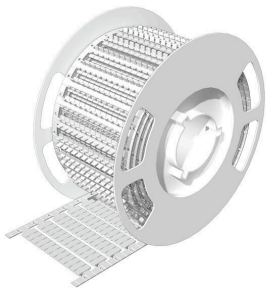
Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- 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 5/6 PLUS MC NE WS	Version	
Order No.	1011320000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00	
GTIN (EAN)	4032248717644	Weidmueller, white	
Qty.	1000 ST		

BLM



General ordering data

Type	BLM 5/6 TB	Version	
Order No.	7760380691	BLM, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, white	
GTIN (EAN)	6944169819131		
Qty.	6000 ST		