

SAKDU 35

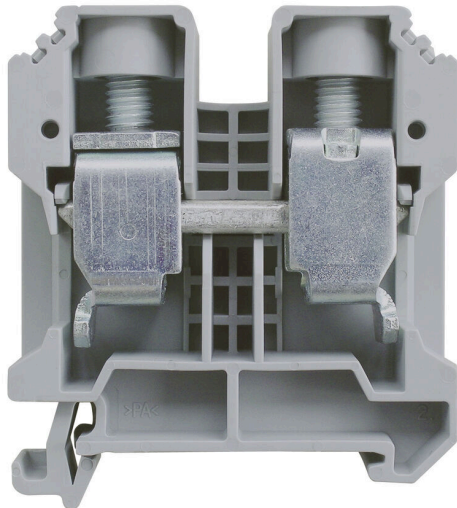
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



General ordering data

Version	Feed-through terminal, Screw connection, 35 mm ² , 800 V, 125 A, grey
Order No.	1257010000
Type	SAKDU 35
GTIN (EAN)	4050118120516
Qty.	25 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	58.25 mm	Depth (inches)	2.2933 inch
Depth including DIN rail	59 mm	Height	52 mm
Height (inches)	2.0472 inch	Width	15.9 mm
Width (inches)	0.626 inch	Net weight	55 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
Levels cross-connected internally	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	B8	Wire connection cross section AWG, max.	AWG 2
Connection direction	on side	Tightening torque, max.	5 Nm
Tightening torque, min.	4 Nm	Stripping length	16 mm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	35 mm ²	Clamping range, min.	4 mm ²
Clamping screw	M 6	Wire connection cross section AWG, min.	AWG 12

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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	35 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	4 mm ²
Wire connection cross section, finely stranded, max.	35 mm ²	Wire connection cross section, finely stranded, min.	4 mm ²
Connection cross-section, stranded, max.	35 mm ²	Connection cross-section, stranded, min.	4 mm ²
Wire connection cross-section, solid core, max.	16 mm ²	Wire connection cross-section, solid core, min.	4 mm ²
Connection cross-section, finely stranded, min.	4 mm ²		

General

Wire connection cross section AWG, max.	AWG 2	Wire connection cross section AWG, min.	AWG 12
Mounting rail	TS 35		

Rating data

Rated cross-section	35 mm ²	Rated voltage	800 V
Rated DC voltage	800 V	Nominal current	125 A
Current at maximum wires	125 A	Volume resistance according to IEC 60947-7-x	0.26 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	4.00 W
Surge voltage category	III	Pollution severity	3

UL rating data

Voltage size B (UR)	600 V	Current size B (UR)	114 A
Conductor size Factory wiring max. (UR)	2 AWG	Current size C (UR)	114 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)	2 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	QL SAKQ 35/2	Version
Order No.	1257140000	Cross-connector (terminal), grey
GTIN (EAN)	4050118120714	
Qty.	20 ST	
Type	QL SAKQ 35/3	Version
Order No.	1257150000	Cross-connector (terminal), grey
GTIN (EAN)	4050118120721	
Qty.	20 ST	
Type	QL SAKQ 35/4	Version
Order No.	1257160000	Cross-connector (terminal), grey
GTIN (EAN)	4050118120738	
Qty.	20 ST	
Type	QL SAKQ 35/10	Version
Order No.	1257170000	Cross-connector (terminal), grey
GTIN (EAN)	4050118120745	
Qty.	20 ST	
Type	VH 13/8.2/5.2	Version
Order No.	1298510000	Connecting sleeve (terminal), Width: 8 mm, Height: 13 mm
GTIN (EAN)	4050118128314	
Qty.	50 ST	
Type	KISC M4X26 SAKQ 35	Version
Order No.	1298590000	Mounting screw (Terminal)
GTIN (EAN)	4050118128307	
Qty.	50 ST	
Type	SAKEW 35/2	Version
Order No.	2085410000	End bracket, grey, TS 35, V-0, PA 66/6, Width: 10 mm, 120 °C
GTIN (EAN)	4050118459517	
Qty.	50 ST	
Type	SAKAP 35	Version
Order No.	1257080000	End and partition plate for terminals, grey, Height: 52 mm, Width: 1.5 mm, V-0, PA 66/6
GTIN (EAN)	4050118120622	
Qty.	20 ST	
Type	SAKAP 35 BL	Version
Order No.	1370380000	End and partition plate for terminals, blue, Height: 52 mm, Width: 1.5 mm, V-0, PA 66/6
GTIN (EAN)	4050118178746	
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 1.2X6.5X150	Version	
Order No.	2749390000	Screwdriver, Blade width (B): 6.5 mm, Blade length: 150 mm, Blade thickness (A): 1.2 mm	
GTIN (EAN)	4050118895612		
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.

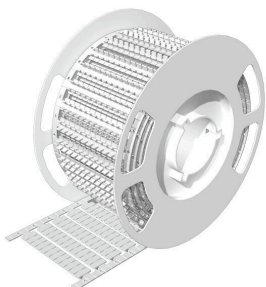
Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- 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 19 148	white	
Qty.	4800 ST		