

SAKTL 6 STB**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Current and voltage transformer wiring**

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

Version	Test-disconnect terminal, grey, 6 mm ² , 41 A, 500 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, PA 66/6
Order No.	2018390000
Type	SAKTL 6 STB
GTIN (EAN)	4050118437140
Qty.	50 Stück
Local product	Only available in certain countries

SAKTL 6 STB

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

www.weidmueller.com

Technische Daten

General ordering data

Local product	Only available in certain countries
---------------	-------------------------------------

Dimensions and weights

Depth	47,5 mm	Depth (inches)	1,87 inch
Depth including DIN rail	47,5 mm	Height	69 mm
Height (inches)	2,717 inch	Width	7,9 mm
Width (inches)	0,311 inch	Net weight	23,11 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	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	Levels cross-connected internally	No
PE connection	No	Rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

Explosion-tested version	No	Open sides	right
Type of mounting	Snap-on		

SAKTL 6 STB

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

www.weidmueller.com

Technische Daten

Conductors for clamping (rated connection)

Clamping range, max.	6 mm ²	Clamping range, min.	0,5 mm ²
Clamping screw	M 3.5	Connection cross-section, stranded, max.	10 mm ²
Connection cross-section, stranded, min.	0,5 mm ²	Connection direction	on side
Gauge to IEC 60947-1	A5	Number of connections	2
Stripping length	12 mm	Tightening torque, max.	1,2 Nm
Tightening torque, min.	0,8 Nm	Wire connection cross section AWG, max.	AWG 10
Wire connection cross section AWG, min.	AWG 20	Wire connection cross section, finely stranded, max.	10 mm ²
Wire connection cross section, finely stranded, 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	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, solid core, max.	10 mm ²
Wire connection cross-section, solid core, min.	0,5 mm ²		

Disconnect terminals

Cross-disconnect	without	Integral test socket	No
Slitting	sliding	Torque max. screw separator	0,7 Nm
Torque min. screw separator	0,5 Nm		

General

Rail	TS 35	Wire connection cross section AWG, max.	AWG 10
Wire connection cross section AWG, min.	AWG 20		

Rating data

Rated cross-section	6 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Rated current	41 A
Current at maximum wires	41 A	Volume resistance according to IEC 60947-7-x	0,78 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	1,31 W
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	10 AWG
Conductor size Factory wiring min. (UR)	20 AWG	Conductor size Field wiring max. (UR)	10 AWG
Conductor size Field wiring min. (UR)	20 AWG	Current size B (UR)	30 A
Current size C (UR)	30 A	Current size D (UR)	10 A
Voltage size B (UR)	300 V	Voltage size C (UR)	150 V
Voltage size D (UR)	300 V		

SAKTL 6 STB

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

www.weidmueller.com

Technische Daten

Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
ETIM 8.0	EC000902	ETIM 9.0	EC000902
ECLASS 9.0	27-14-11-26	ECLASS 9.1	27-14-11-26
ECLASS 10.0	27-14-11-26	ECLASS 11.0	27-14-11-26
ECLASS 12.0	27-14-11-26	ECLASS 13.0	27-25-01-09
ECLASS 14.0	27-25-01-09		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

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	

Datenblatt

SAKTL 6 STB

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

www.weidmueller.com

Zeichnungen



SAKTL 6 STB

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

www.weidmueller.com

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 easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	SAKAP/SAKTL 6	Version
Order No.	2019370000	End and partition plate for terminals, grey, Height: 68.5 mm, Width:
GTIN (EAN)	4050118438437	1.5 mm, V-0, PA 66/6
Qty.	20 Stück	

Insulation profiles



General ordering data

Type	ISPF QB58 SW	Version
Order No.	0546000000	Insulation profile, PVC, black
GTIN (EAN)	4008190116705	
Qty.	10 Stück	

SAKTL 6 STB

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

www.weidmueller.com

Accessories

QB



Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

General ordering data

Type	QB 58/8/15	Version
Order No.	0545400000	Cross-connector (terminal), when screwed in, grey, 27 A, Number of poles: 58, Pitch in mm (P): 8.00, Insulated: No, Width: 0.8 mm
GTIN (EAN)	4008190028794	
Qty.	10 Stück	
Type	QB 58/8/9/WI	Version
Order No.	0545300000	Cross-connector (terminal), when screwed in, grey, 27 A, Number of poles: 58, Pitch in mm (P): 8.00, Insulated: No, Width: 0.8 mm
GTIN (EAN)	4008190125080	
Qty.	10 Stück	

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 Stück	

SAKTL 6 STB

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

www.weidmueller.com

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 Stück	

Cross Connection

General ordering data

Type	SAQOB 6/10	Version
Order No.	2111230000	Cross-connector (terminal), when screwed in, Number of poles: 10,
GTIN (EAN)	4050118440607	Pitch in mm (P): 8.00, Insulated: No, Width: 6 mm
Qty.	10 Stück	
Type	SAQOB 6/4	Version
Order No.	2615360000	Cross-connector (terminal), when screwed in, Number of poles: 4,
GTIN (EAN)	4050118655858	Pitch in mm (P): 8.00, Insulated: No, Width: 6 mm
Qty.	20 Stück	
Type	SAQOS 6/4	Version
Order No.	2111670000	
GTIN (EAN)	4050118440614	
Qty.	10 Stück	
Type	SAQOB 6/3	Version
Order No.	2615340000	Cross-connector (terminal), when screwed in, Number of poles: 3,
GTIN (EAN)	4050118655780	Pitch in mm (P): 8.00, Insulated: No, Width: 6 mm
Qty.	20 Stück	
Type	SAQOB 6/2	Version
Order No.	2615330000	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4050118655797	Pitch in mm (P): 8.00, Insulated: No, Width: 6 mm
Qty.	20 Stück	

SAKTL 6 STB

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

Accessories

www.weidmueller.com

Type	SAKQS 6/2
Order No.	2111240000
GTIN (EAN)	4050118440621
Qty.	10 Stück
