

RSF 3/35**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

In specific applications and industries, a hook blade connection is the preferred technology. The spring loaded feed through terminals allow a fast and safe installation: after the cable lug has been inserted in the block the conductor is fixed by the spring until you can comfortably connect it with the screw.

General ordering data

Version	Feed-through terminal block, Screw connection, 4 mm ² , 690 V, 32 A, Number of connections: 2
Order No.	9501160000
Type	RSF 3/35
GTIN (EAN)	4008190549534
Qty.	50 pc(s).
Alternative product	9537440000

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Technical data

Dimensions and weights

Depth	60 mm	Depth (inches)	2.362 inch
Height	50 mm	Height (inches)	1.969 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	17.44 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	100 °C		

Material data

Material	PA 66	Colour	beige / yellow
UL 94 flammability rating	V-2		

System specifications

Version	Screw connection, with spring-loaded cable clamp, One end without connector	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	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm ²	Connection type, additional connection	Screw connection
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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm ²
Clamping range, min.	0.33 mm ²	Clamping screw	M 3
Connection cross-section, stranded, max.	4 mm ²	Connection cross-section, stranded, min.	0.5 mm ²
Connection direction	on side	Number of connections	2
Stripping length	12 mm	Tightening torque, max.	1 Nm
Tightening torque, min.	0.5 Nm	Torque level with DMS electric screwdriver	2
Type of connection	Screw connection	Wire connection cross section, finely stranded, max.	4 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.	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, solid core, max.	4 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

General

Installation advice	Direct mounting	Rail	TS 35
Standards	IEC 60947-7-1		

Rating data

Rated cross-section	4 mm ²	Rated voltage	690 V
Rated DC voltage	690 V	Rated current	32 A
Current at maximum wires	32 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	1.02 W	Pollution severity	3

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	27-25-01-01

Environmental Product Compliance

REACH SVHC /

Approvals

Approvals



ROHS

Conform

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Technical data

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity UKCA declaration of conformity
Engineering Data	CAD data – STEP
Engineering Data	Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

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Accessories

Cover profiles



Cover profiles provide protection against external impact on functional areas of the terminal blocks or in combination with our support brackets for the entire terminal strip. They provide protection against electric shock caused by accidental contact with live parts due to operation or faults.

General ordering data

Type	ADP 2/HP2 1M	Version
Order No.	0485300000	SAK Series, Cover profile, Transparent, 1000 mm
GTIN (EAN)	4008190051716	
Qty.	1 m	

SAK-Series



End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

General ordering data

Type	AP RSF3	Version
Order No.	0270460000	End plate (terminals), 50 mm x 3 mm, beige
GTIN (EAN)	4008190110635	
Qty.	10 pc(s).	

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Accessories

Test plugs



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	PS 2.3 RT	Version
Order No.	0180400000	Test adapter (terminal), 230 V, 20 mA
GTIN (EAN)	4008190060121	
Qty.	20 pc(s).	

SAK-Series



A partition plate is used for the optical separation of circuits or used for electrical isolation from neighbouring cross-connectors. In contrast to the end plate, the contour can be larger than the adjacent terminal blocks. However, it should not be smaller, as otherwise the required clearance and creepage distances within the application can no longer be maintained.

General ordering data

Type	TW AST1/PA HP/DBR/0.5	Version
Order No.	0474700000	Partition plate (terminal), Intermediate plate, 65 mm x 60 mm, dark brown
GTIN (EAN)	4008190078508	
Qty.	20 pc(s).	
Type	TSCH 1	Version
Order No.	0319160000	Small partition (terminal), PA 66, beige, Continuous operating temp., max.: 100 °C
GTIN (EAN)	4008190097219	
Qty.	100 pc(s).	
Type	TW RSF3 PA	Version
Order No.	3877960000	Partition plate (terminal), Intermediate plate, 58 mm x 51.5 mm, beige
GTIN (EAN)	4008190132323	
Qty.	10 pc(s).	

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Accessories

Custom printing



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 5/5 MC SDR	Version
Order No.	1609810000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190456597	Weidmueller, To customer specification
Qty.	200 pc(s).	

Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon[®] Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

Type	BZT 1 WS 10/5	Version
Order No.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	

Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	

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Accessories

QL mounting screws



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	SS M3 D 128-A 3	Version
Order No.	0164400000	Lock washer, Copper
GTIN (EAN)	4008190035914	
Qty.	50 pc(s).	
Type	KISC M3X20.5/10 EK4	Version
Order No.	0303000000	Clamping yoke, Mounting screw, Steel
GTIN (EAN)	4008190163686	
Qty.	100 pc(s).	

QL / SAK 6N



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	QL 3 SAK6N	Version
Order No.	0194400000	Cross-connector (terminal), when screwed in, Number of poles: 3,
GTIN (EAN)	4008190063351	Pitch in mm (P): 7.90, Insulated: No, 41 A, grey
Qty.	50 pc(s).	
Type	QL 2 SAK6N	Version
Order No.	0194300000	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190182854	Pitch in mm (P): 7.90, Insulated: No, 41 A, grey
Qty.	50 pc(s).	
Type	QL 10 SAK6N	Version
Order No.	0338300000	Cross-connector (terminal), when screwed in, Number of poles: 10,
GTIN (EAN)	4008190176679	Pitch in mm (P): 7.90, Insulated: No, 41 A, grey
Qty.	20 pc(s).	
Type	QL 15 SAK6N	Version
Order No.	0221200000	Cross-connector (terminal), when screwed in, Number of poles: 15,
GTIN (EAN)	4008190042110	Pitch in mm (P): 7.90, Insulated: No, 32 A, grey
Qty.	10 pc(s).	

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Accessories

Type	QL 4 SAK6N	Version
Order No.	0194500000	Cross-connector (terminal), when screwed in, Number of poles: 4,
GTIN (EAN)	4008190025601	Pitch in mm (P): 7.90, Insulated: No, 57 A, grey
Qty.	50 pc(s).	

Blank



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 5/5 MC NE WS	Version
Order No.	1609801044	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397111	Weidmueller, white
Qty.	1,000 pc(s).	

Testsockets



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	STB 14/D5/2.3/M3 SAK2.5	Version
Order No.	0168600000	SAK Series, Socket
GTIN (EAN)	4008190135225	
Qty.	50 pc(s).	

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www.weidmueller.com**Accessories****Connection sleeves****General ordering data**

Type	VL 2 SAK6N/SAKT	Version
Order No.	0194700000	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190148027	Pitch in mm (P): 8.00, Insulated: No, 32 A, grey
Qty.	50 pc(s).	
Type	VH 13.5/4.9/3.3	Version
Order No.	0248500000	Connecting sleeve (terminal), Height: 4.9 mm, Width: 4.9 mm, Depth:
GTIN (EAN)	4008190022723	13.5 mm, Copper
Qty.	100 pc(s).	