

Product image

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

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

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	60 mm	Depth (inches)	2.3622 inch
Height	50 mm	Height (inches)	1.9685 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	17.44 g		

Temperatures

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

Environmental Product Compliance

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

Material data

Basic 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
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Open sides	right	Number of similar terminals	1
Installation advice	Direct mounting	Explosion-tested version	No
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)

Wire connection cross section AWG, max.	AWG 10	Connection direction	on side
Tightening torque, max.	1 Nm	Tightening torque, min.	0.5 Nm
Stripping length	12 mm	Type of connection	Screw connection
Number of connections	2	Clamping range, max.	4 mm ²
Clamping range, min.	0.33 mm ²	Clamping screw	M 3
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 26
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.	0.33 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.	0.33 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross section, finely stranded, min.	0.33 mm ²
Connection cross-section, stranded, max.	4 mm ²	Connection cross-section, stranded, min.	0.33 mm ²
Torque level with DMS electric screwdriver	2	Wire connection cross-section, solid core, max.	4 mm ²
Wire connection cross-section, solid core, min.	0.33 mm ²	Connection cross-section, finely stranded, min.	0.33 mm ²

General

Wire connection cross section AWG, max.	AWG 10	Installation advice	Direct mounting
Wire connection cross section AWG, min.	AWG 26	Standards	IEC 60947-7-1
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	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 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		

RSF 3/35

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

Type	QL 2 SAK6N	Version
Order No.	0194300000	Cross-connector (terminal), when screwed in, grey, 41 A, Number of poles: 2, Pitch in mm (P): 7.90, Insulated: No, Width: 13.9 mm
GTIN (EAN)	4008190182854	
Qty.	50 ST	

Disconnect plugs

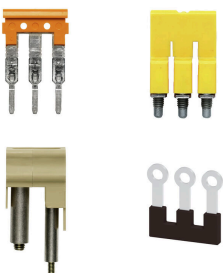


In contrast to the terminal blocks with integrated disconnect lever, our disconnect plugs can be completely detached or removed from the terminal block and the respective application and offer a flexible alternative solution to our standard disconnectors.

General ordering data

Type	QL 3 SAK6N	Version
Order No.	0194400000	Cross-connector (terminal), when screwed in, grey, 41 A, Number of poles: 3, Pitch in mm (P): 7.90, Insulated: No, Width: 21.8 mm
GTIN (EAN)	4008190063351	
Qty.	50 ST	
Type	QL 4 SAK6N	Version
Order No.	0194500000	Cross-connector (terminal), when screwed in, grey, 57 A, Number of poles: 4, Pitch in mm (P): 7.90, Insulated: No, Width: 29.7 mm
GTIN (EAN)	4008190025601	
Qty.	50 ST	

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RSF 3/35

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Accessories

General ordering data

Type	QL 10 SAK6N	Version
Order No.	0338300000	Cross-connector (terminal), when screwed in, grey, 41 A, Number of poles: 10, Pitch in mm (P): 7.90, Insulated: No, Width: 77.1 mm
GTIN (EAN)	4008190176679	
Qty.	20 ST	

Disconnect plugs



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General ordering data

Type	QL 15 SAK6N	Version
Order No.	0221200000	Cross-connector (terminal), when screwed in, grey, 32 A, Number of poles: 15, Pitch in mm (P): 7.90, Insulated: No, Width: 116.6 mm
GTIN (EAN)	4008190042110	
Qty.	10 ST	

End plates and partition plates



Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

General ordering data

Type	AP RSF3	Version
Order No.	0270460000	End plate for terminals, beige, Height: 50 mm, Width: 3 mm, V-2, Polyamide 66, Snap-on: Yes
GTIN (EAN)	4008190110635	
Qty.	10 ST	
Type	TW AST1/PA HP/DBR/0.5	Version
Order No.	0474700000	Partition plate (terminal), dark brown, Height: 65 mm, Width: 0.5 mm, V-2
GTIN (EAN)	4008190078508	
Qty.	20 ST	
Type	TW RSF3 PA	Version
Order No.	3877960000	Partition plate (terminal), beige, Height: 58 mm, Width: 1.5 mm, V-2, Polyamide 66
GTIN (EAN)	4008190132323	
Qty.	10 ST	
Type	TSCH 1	Version
Order No.	0319160000	Small partition (terminal), PA 66, beige, Continuous operating temp., max.: 100 °C
GTIN (EAN)	4008190097219	
Qty.	100 ST	

Accessories

Testadapter and 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	PS 2.3 RT	Version	
Order No.	0180400000	Test adapter (terminal), 230 V, 20 mA	
GTIN (EAN)	4008190060121		
Qty.	20 ST		
Type	STB 14/D5/2.3/M3 SAK2.5	Version	
Order No.	0168600000	SAK Series, Socket	
GTIN (EAN)	4008190135225		
Qty.	50 ST		

Disconnect plugs

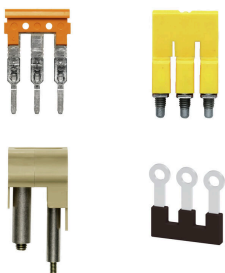


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General ordering data

Type	SS M3 D 128-A 3	Version	
Order No.	0164400000	Lock washer, Copper	
GTIN (EAN)	4008190035914		
Qty.	50 ST		

Cross-connections



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Accessories

General ordering data

Type	KISC M3X20.5/10 EK4	Version	
Order No.	0303000000	Clamping yoke, Mounting screw, Steel	
GTIN (EAN)	4008190163686		
Qty.	100 ST		
Type	VL 2 SAK6N/SAKT	Version	
Order No.	0194700000	Cross-connector (terminal), when screwed in, grey, 32 A, Number of poles: 2, Pitch in mm (P): 8.00, Insulated: No, Width: 7 mm	
GTIN (EAN)	4008190148027		
Qty.	50 ST		
Type	VH 13.5/4.9/3.3	Version	
Order No.	0248500000	Connecting sleeve (terminal), when screwed in, Width: 4.9 mm, Height: 4.9 mm, Depth: 13.5 mm, Number of poles: 1, Copper	
GTIN (EAN)	4008190022723		
Qty.	100 ST		

Protection against contact



Our systems for touch protection ensure greater safety in your cabinet. 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		

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.

Accessories

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 ST	

Blank



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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.	1000 ST	

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