

Feed-through terminals RK | Fused terminals SIK/SK, in high-temp. design

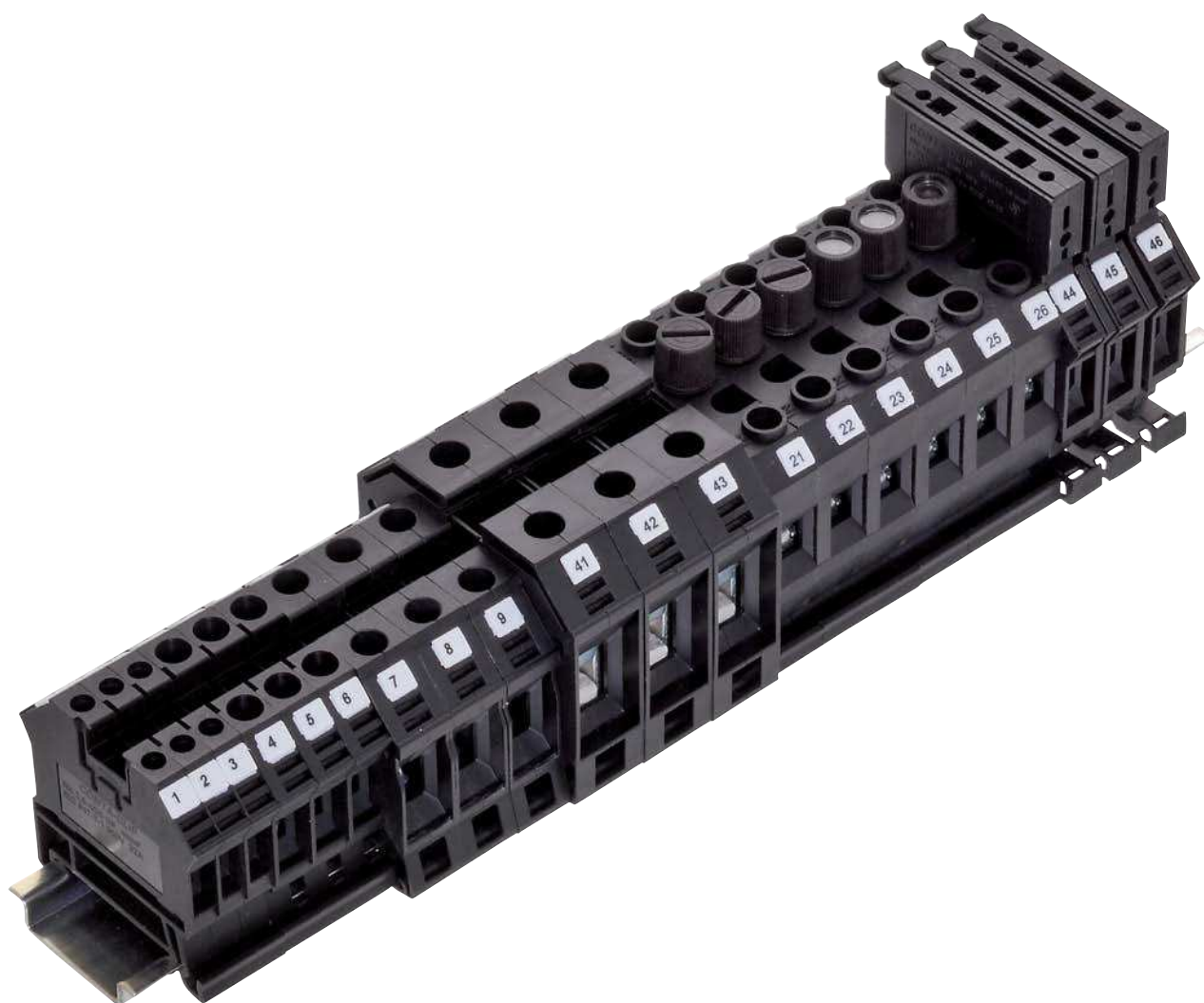


The new feed-through and fused terminals, made from glass-fibre reinforced polyamide PA 6.6 V0, have an extended temperature range up to +140 °C (RTI elec.) and open up new application possibilities in electrical engineering. These products offer an interesting alternative to terminal blocks made from thermo-set duroplast, and are suitable for nonrecurring high temperatures in the production process or for continuous nearby temperatures in machines and facilities. The feed-through terminals are available in the cross-section range 4 mm² to 35 mm². They can be snapped on to a **TS 35** rail.

The **SIK10/Z** fused terminal is designed for holding 6.3x32 micro-fuses.

The **SK 1** fused terminals are available in various designs for 5x20 or 5x25 micro-fuses, with or without status displays.

The glass-fibre reinforced terminal housing offers a secure grip on the contact element in the case of power loss from fuse cartridges caused by surge current or short circuits. Due to the material used, these products are only available in black!



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The features in detail

Terminal blocks RK 2,5-4, RK 6-10, RK 16, RK 35

From all available connection types, the majority of applications use the screw connection. The advantage of the screw connection is its suitability for all cross-sections and wire types. It can be used without any special adjustments for directly connecting the stripped wire end, or for stranded and finely-stranded flexible wires.

When using wire-end ferrules, these should always be crimped with the correct crimping tool before connecting to the terminal. Correct crimping guarantees an absolutely gas-tight, vibration-resistant connection.

Features

- Terminal housing can be snapped on TS 35 rail
- Terminal housings made of glass-fibre reinforced polyamide 6.6 V0 in black
- Temperature resistance to +140°C (RTI elec.)



Fused terminals SIK 10/Z

Fuse-disconnect terminal featuring extended disconnect lever with locked end position: for holding micro-fuses of size 6.3x32.

Features

- Terminal housing can be snapped on TS 35 rail
- Holds 6.3x32-mm fuses
- Two or three disconnect levers can be coupled and operated simultaneously by using the VBS connection sleeves
- Can be used with solid link as disconnect terminal
- Terminal housings made of glass-fibre reinforced polyamide 6.6 V0 in black
- Temperature resistance to +140°C (RTI elec.)



Fused terminals SK 1

Fused terminal with screw cap for holding micro-fuses in sizes 5x20 mm and 5x25 mm. Two base terminals are available for different voltage ranges with or without status displays, and optionally fitted with neon indicator, glow lamp or LED.

Features

- Terminal housing can be snapped on TS 35 rail
- Suitable for holding micro-fuses of sizes 5x20 and 5x25 mm
- Fuses are screwed into the fused terminal via the screw cap
- Status display for various voltage ranges with LED, neon indicator or glow lamp
- Terminal housings made of glass-fibre reinforced polyamide 6.6 V0 in black
- Temperature resistance to +140°C (RTI elec.)



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Screw connection system



- Foot can be snapped on TS 35 DIN rail
- Housing made from Polyamide 6.6 V0, glass-fibre reinforced
- Temperature resistance to 140°C (RTI elec.)

Connection diagram

- SIK and SK: Suitable for holding micro-fuses of size 5 x 20 mm, 5 x 25 mm and 6.3 x 32 mm
- SIK and SK: Status display for various voltage ranges with LED, neon indicator or glow lamp

Connection type

Dimensions (L x W x H), mm

Type

Type/colour black

Cat. no.

Type colour

Cat. no.

Type colour

Cat. no.

Type colour

Cat. no.

Colours available

Ratings

Rated voltage, V

Rated current, A

Rated wire cross-section, mm² | AWG

Rated impulse voltage, kV | Contamination degree

Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Connection data

Single wire (solid) / Stranded mm²

Stranded/stranded (w/ferrules acc. to DIN 46 228/1) mm²

Contact wire range, mm²

Stripping length, mm

Torque, Nm | Screw

Features

Material of insulated housing | Temperature range

Number of cross-connection channels | Test pick-off

Accessories

End plate AP

Cat. no.

Partition plate TW

Cat. no.

Insulation plate TRS

Cat. no.

Screw cap (spare)

Cat. no.

Screw cap (spare)

Cat. no.

Cross-connector Q / External insulated cross-connector AQI

Insulated cross-connector QI / Cross-connect disc QS

Cat. no.

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Cat. no.

Cross-connector Q / External insulated cross-connector AQI

Cat. no.

Mounting screw BS for the QS

Cat. no.

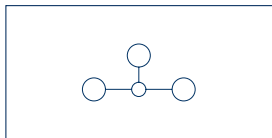
Screwdriver SDB

Cat. no.

Quick marking PMC SB

Cat. no.

RK 2,5-4/35 PA-G



Feed-through terminal
2 connections

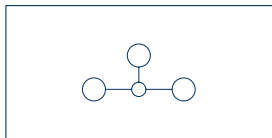
Screw connection

48 x 6 x 47

	Qty.
RK 2,5-4/35 PA-G BK	1748.4
	100

IEC	CSAus*	CSA*
800	600	600
32	30	30
	4 22-10	
	6 3	
	A4 V0	
	0.2-6 -	
	0.2-6 0.2-4	
	0.2-6	
	8	
	0.5-1.0	

RK 6-10/35 PA-G



Feed-through terminal
2 connections

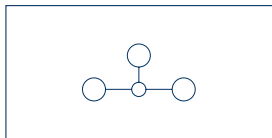
Screw connection

48 x 8 x 47

	Qty.
RK 6-10/35 PA-G BK	1749.4
	100

IEC	CSAus*	CSA*
800	600	600
57	65	55
	10 22-8	
	6 3	
	A5 V0	
	0.2-10 0.2-10	
	0.2-10 0.2-10	
	0.2-10	
	9	
	1.2-2.0	

RK 16/35 N PA-G



Feed-through terminal
2 connections

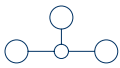
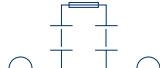
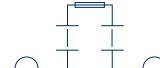
Screw connection

54 x 12 x 47

	Qty.
RK 16/35/N PA-G BK	2747.4
	50

IEC	CSAus*	CSA*
800	600	600
76	65	85
	16 10-16	
	8 3	
	B7 V0	
	2.5-16 2.5-16	
	2.5-16 2.5-16	
	2.5-25	
	15	
	2.0-4.0	

Material of insulated housing Temperature range	PA 6.6 GV 20 V0 -40 to +140°C	PA 6.6 GV 20 V0 -40 to +140°C	PA 6.6 GV 20 V0 -40 to +140°C
Number of cross-connection channels Test pick-off	1 1	1 1	1 -
Accessories			
End plate AP	AP 2,5-10 BG	AP 2,5-10 BG	AP 2,5-10 BG
Cat. no.	2001.2	2001.2	2001.2
Partition plate TW	TW 2,5-10 BG	TW 2,5-10 BG	TW 2,5-10 BG
Cat. no.	2002.2	2002.2	2002.2
Insulation plate TRS	TRS 1 BG	TRS 1 BG	TRS 1 BG
Cat. no.	2003.2	2003.2	2003.2
Screw cap (spare)			
Cat. no.			
Screw cap (spare)			
Cat. no.			
Cross-connector Q / External insulated cross-connector AQI	Q 2	Q 2	Q 2
Cat. no.	2019.0	2060.0	2257.0
Insulated cross-connector QI / Cross-connect disc QS	QI 2 YE	QI 2 YE	QI 2 YE
Cat. no.	2740.2	2750.2	2750.2
Cross-connector Q / External insulated cross-connector AQI	Q 3	Q 3	Q 3
Cat. no.	2020.0	2061.0	2058.0
Insulated cross-connector QI / Cross-connect disc QS	QI 3 YE	QI 3 YE	QI 3 YE
Cat. no.	2741.2	2751.2	2751.2
Cross-connector Q / External insulated cross-connector AQI	Q 4	Q 4	Q 4
Cat. no.	2021.0	2062.0	2265.0
Insulated cross-connector QI / Cross-connect disc QS	QI 4 YE	QI 4 YE	QI 4 YE
Cat. no.	2742.2	2752.2	2752.2
Cross-connector Q / External insulated cross-connector AQI	Q 10	Q 10	Q 10
Cat. no.	2022.0	2063.0	2266.0
Insulated cross-connector QI / Cross-connect disc QS	QI 10 YE	QI 10 YE	QI 10 YE
Cat. no.	2743.2	2753.2	2753.2
Cross-connector Q / External insulated cross-connector AQI			
Cat. no.			
Mounting screw BS for the QS			
Cat. no.			
Screwdriver SDB	SDB 0.6x3.5	SDB 0.8x4.0	SDB 0.8x4.0
Cat. no.	1086.0	1087.0	1087.0
Quick marking PMC SB	PMC SB 6/50 WH	PMC SB 8/40 WH	PMC SB 6/50 WH
Cat. no.	4702.7	9323.7	4702.7

RK 35/35 N PA-G			SIK 10/Z PA-G			SK 1/35 PA-G			SK 1/35 LED PA-G			
												
M 6			M 4			M 4			M 4			
												
Feed-through terminal 2 connections			Fused terminal 2 connections			Fused terminal 2 connections			Fused terminal 2 connections			
Screw connection			Screw connection			Screw connection			Screw connection			
58 x 18 x 52			60 x 10 x 69			52 x 12.2 x 62			52 x 12.2 x 62			
		Qty.			Qty.			Qty.			Qty.	
RK 35/35/N PA-G BK		50	SIK 10/Z PA-G BK		25	SK 1/35 PA-G BK		20	SK 1/35 LED PA-G with LED		20	
2748.4			17041.4 Fuse 6.3x32 mm			1367.4 fuse 5x20 mm			24 V DC 1380.4			
						SK 1/35 w. K. PA-G BK		20	48 V DC 1067.4			
						1368.4 fuse 5x25 mm			24 V AC 1004.4			
									48 V AC 1119.4			
									SK 1/35 G PA-G w/ neg.-glow lamp		20	
									115 V AC 1376.4			
									230 V AC 1375.4			
									SK 1/35 G PA-G w/ neg.-glow lamp		20	
									24 V AC/DC 1369.4 5x20 mm			
IEC	CSAus*	CSA*	IEC	CSAus*	CSA*	IEC	CSAus*	CSA*	IEC	CSAus*	CSA*	
800	600	600	500	600	600		400			See above		
125	110	115	10	16	16		10			10		
	35 12-2			10 22-12			10 22-8			10 22-8		
	8 3			8 3			4 3			4 3		
	B9 V0			A4 V0			A5 V0			A5 V0		
	2.5-35 2.5-35			0.2-10 0.2-10			0.2-10 0.2-10			0.2-10 0.2-10		
	2.5-35 2.5-35			0.2-10 0.2-10			0.2-10 0.2-10			0.2-10 0.2-10		
	2.5-35			0.2-10			0.2-10			0.2-10		
	20			12			12			12		
	2.5-5.0			1.2-2.0			1.2-2.0			1.2-2.0		
PA 6.6 GV 20 V0 -40 to +140°C			PA 6.6 GV 20 V0 -40 to +140°C			PA 6.6 GV 20 V0 -40 to +140°C			PA 6.6 GV 20 V0 -40 to +140°C			
1 -			- 1			1 1			- 1			
		Page Qty.			Page Qty.			Page Qty.			Page Qty.	
						AP SI BK			AP SI BK			
						2047.4		278 1	2047.4		278 1	
						SKA 5x20		78 20	SKA 5x20		78 20	
						2049.2			2049.2			
						SKA 5x20		78 20			78	
						2048.2						
Q 2		290 20	AQI 2/8/18 YE		293 50	QS 2		296 50	QS 2		296 50	
2164.0						2366.0			2366.0			
Q 3		290 20	AQI 3/10/18 YE		293 50	QS 3		296 50	QS 3		296 50	
2165.0						2367.0			2367.0			
Q 4		290 10	AQI 4/10/18 YE		293 50	QS 4		296 20	QS 4		296 20	
2166.0						2368.0			2368.0			
Q 10		290 10	AQI 10/10/18 YE		293 50	QS 10		296 10	QS 10		296 10	
2167.0						2369.0			2369.0			
			AQI 50/10/18 YE		293 50	BS M 3x6		297 100	BS M 3x6		297 100	
						2365.0			2365.0			
SDB 1,2x6,5		422 1	SDB 0.6x3.5		422 1	SDB 0,8x4,0		422 1	SDB 0,8x4,0		422 1	
1088.0			1086.0			1087.0			1087.0			
PMC SB 6/50 WH		340 500	PMC SB 8/40 WH		342 400	PMC SB 8/40 WH		342 400	PMC SB 8/40 WH		342 400	
4702.7			9323.7			9323.7			9323.7			