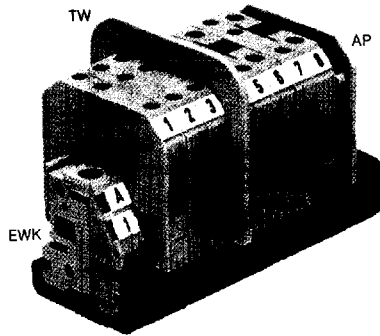


## Terminal Blocks with Components

### Resistors

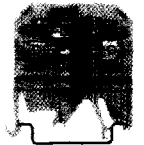
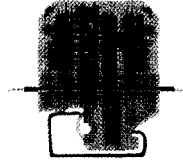


### SAKL 4/ ...

### SAKL 4/ ... L

### SAKL 4/ ... R

### SAKL 4/ ... EN



### Dimensions

Length	mm	40	60	60	41.5
Height (incl. TS 32/TS 35x7.5)	mm	51.5	51.5	40	41.5 / 48
Terminal width (+ 0.2 assembly tolerance)	mm	6.5	6.5	13	6.5
Insulation stripping length	mm	9	9	SAKL=9mm / SAK 4=12mm	9

### Connection data

Screw connection, solid		0.5...4mm <sup>2</sup>	0.5...4mm <sup>2</sup> / Solder 1.5mm <sup>2</sup>	0.5...4mm <sup>2</sup>	0.5...4mm <sup>2</sup>
Screw connection, flexible		0.5...4mm <sup>2</sup>	0.5...4mm <sup>2</sup> / Solder 1.5mm <sup>2</sup>	0.5...4mm <sup>2</sup>	0.5...4mm <sup>2</sup>

### Wire size

Wire size		#22...12 AWG	#22...12 AWG	#22...12 AWG	#22...12 AWG
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### VDE rated data

Power		1W	1W	1W	1W
Cross-section		4mm <sup>2</sup>	4mm <sup>2</sup>	4mm <sup>2</sup>	4mm <sup>2</sup>

### Approvals

Approvals		UL	UL	UL	
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### Ordering data

Resistance		SAKL 4/ ...		SAKL 4/ ... L		SAKL 4/ ... R		SAKL 4/ ... EN	
		Type	Cat. No.	Type	Cat. No.	Type	Cat. No.	Type	Cat. No.
10 Ω		SAKL 4/10 PA	<b>64916</b>	-	-	-	-	SAKL 4/10 EN	<b>110836</b>
30 Ω		SAKL 4/30 PA	<b>52406</b>	SAKL4/30 L PA	<b>57286</b>	SAKL4/30 R PA	<b>52626</b>	SAKL 4/30 EN	<b>110846</b>
50 Ω		SAKL 4/50 PA	<b>64906</b>	-	-	-	-	SAKL 4/50 EN	<b>110856</b>
100 Ω		SAKL 4/100 PA	<b>64326</b>	-	-	SAKL4/100R PA	<b>64316</b>	SAKL 4/100 EN	<b>110866</b>
500 Ω		SAKL 4/500 PA	<b>64386</b>	-	-	-	-	SAKL 4/500 EN	<b>110886</b>
1 kΩ		SAKL 4/1 k PA	<b>64896</b>	-	-	-	-	SAKL 4/1 k EN	<b>110896</b>
5 kΩ		SAKL 4/5 k PA	<b>64886</b>	-	-	-	-	SAKL 4/5 k EN	<b>110916</b>
10 kΩ		SAKL 4/10 k PA	<b>63226</b>	-	-	-	-	SAKL 4/10 k EN	<b>110926</b>
100 kΩ		SAKL 4/50 k PA	<b>64786</b>	-	-	-	-	SAKL 4/50 k EN	<b>110956</b>
500 kΩ		SAKL 4/100 k PA	<b>64926</b>	-	-	-	-	SAKL 4/100 k EN	<b>110966</b>
2 MΩ		SAKL4/500 k PA	<b>64956</b>	-	-	-	-	SAKL 4/500 k EN	<b>110996</b>
		SAKL 4/2 M PA	<b>64976</b>	-	-	-	-	SAKL 4/2 M EN	<b>111016</b>
								SAKL 4 EN	<b>130516</b>
								(without potentiometer)	

### Accessories

Mounting rail (2m long)	for TS 32	TS 32	<b>12280</b>	TS 32	<b>12280</b>	TS 32	<b>12280</b>	TS 32	<b>12280</b>
								TS 35	<b>38340</b>
End bracket (thickness mm)	for TS 32 <b>EWK 1</b> (8.5)	EWK 1 (8.5)	<b>20616</b>	EWK 1 (8.5)	<b>20616</b>	EWK 1 (8.5)	<b>20616</b>	EWK 1 (8.5)	<b>20616</b>
	for TS 35 <b>EW 35</b> (8.5)							EW 35 (8.5)	<b>38356</b>
End plate (thickness mm)	<b>AP PA</b> (1.5)	AP PA (1.5)	<b>11796</b>	AP PA (1.5)	<b>11796</b>	AP PA (1.5)	<b>11796</b>	AP PA (1.5)	<b>11796</b>
Partition (thickness mm)		TW PA (1.5)	<b>13016</b>	TW PA (1.5)	<b>13016</b>	TW PA (1.5)	<b>13016</b>	TW PA (1.5)	<b>13016</b>

### Technical data for the 30 Ω compensation resistor

Resistor material: "Cermet"  
 Resistor setting range: 0...30 Ω  
 Curve form: Linear  
 Temperature coefficient: ± 100 ppm/°C  
 Mechanical service life: 200 actuations without permissible deviations throughout the entire resistance range  
 Resistance change per spindle turn: ≈ 1.2 Ω  
 Rated output for total resistance: 1 Watt at 70°C  
 Rated current: 120mA  
 Ambient temperature: -55°C to +70°C  
 Sealing:  
 Leak tested in water at 70°C without bubble formation  
 Storage in SFW 2.0 S to DIN 50018, 9 cycles

