

## Mini Modular Terminals

Mini Modular Terminals	
TS 15 / PA	E.2 - E.3
Modular PE terminals	
TS 15 / PA	E.4 - E.6
Fuse terminals	
TS 15 / PA	E.7
With push-on connection	
TS 15 / PA	E.8 - E.9
With solder connection	
TS 15 / PA	E.10 - E.13
With Termi-Point / Wire-Wrap connection	
TS 15 / PA	E.14 - E.15

# Mini Modular Terminals

## Modular feed-through terminal Modular disconnect test terminal

TS 15/PA

Please observe the installation instructions and the rated data for accessories in the "Technical appendix" section when using these terminals in EEx e applications.

<b>width x length x height on TS15x5.5</b>	mm
max. current / max. conductor	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

### Technical specification

<b>Rated data</b>	
Rated voltage (to adjacent terminal for PE)	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated surge voltage / Pollution severity	kV/-
IEC 60-947-1 gauge / UL 94 combustibility class	
Approvals	

<b>Clamped conductors (H05V/H07V)</b>	
solid / multistrand	mm <sup>2</sup>
fine strand / fine strand w. wire end ferrule	mm <sup>2</sup>
Tightening torque, clamping screw	Nm
Stripping length / Blade size	mm / -

<b>2 clamped conductors, equal cross-section H05V/H07V</b>	
solid / multistrand	mm <sup>2</sup>
fine strand / fine strand w. wire end ferrule	mm <sup>2</sup>

#### Note

### Ordering data

<b>Model</b>	
	dark beige, Wemid (PA)
	blue, Wemid (PA)
	green/yellow, Wemid (PA)

#### Note

### Accessories

<b>Screwed cross-connection</b>	
	2-pole
	3-pole
	4-pole
	10-pole

<b>End cover plate/Partition plate</b>	
<i>End cover plate</i>	dark beige, Wemid blue, Wemid
<i>Partition plate</i>	dark beige, Wemid blue, Wemid

<b>End bracket</b>	dark beige
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<b>Testing / Checking</b>	
Socket	STB 8.5/D4/2.3/M2.5 AKZ 50 <b>0215700000</b>
Test plug	PS 2.3 RT 20 <b>0180400000</b>

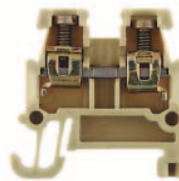
<b>Labelling systems</b> (see selection in chapter M)	
Labelling tags	DEK 5

Detailed information on other accessories and their use can be found in the "Accessories" section.

## AKZ 1.5

1.5 mm<sup>2</sup>

Modular feed-through terminal (V2)



<b>5.1 x 24.8 x 25</b>	
<b>24 / 2.5</b>	
<b>0.21 ... 2.5</b>	

IEC 60947-7-1 EEx e II II 2 G D

IEC	UL	CSA	EN 50019
250	150	300	175
17.5	15	10	10
1.5	AWG 22 ...14	AWG 24...16	1.5
4 / 3			
A1 / V2			

SIR4 02ATEX3001 U

<b>Rated connection</b>	
0.5...2.5 / 1.5...1.5	
0.5...1.5 / 0.5...1.5	
0.4...0.6 (M 2.5)	
7 / 3.0 x 0.5	

0.5...1	
0.5...1 / 0.5...0.75	

#### Note

Type	Qty	Order No.
AKZ 1.5	100	<b>0340460000</b>
AKZ 1.5 BL	100	<b>0340480000</b>

Type	Current [A]	Qty	Order No.
Q 2 AKZ1.5	24	50	<b>0368200000</b>
Q 3 AKZ1.5	24	50	<b>0368300000</b>
Q 4 AKZ1.5	24	50	<b>0368400000</b>
Q 10 AKZ1.5	24	50	<b>0368500000</b>

Width [mm]			
AP AKZ1.5	1.5	50	<b>0340560000</b>
AP AKZ1.5 BL	1.5	50	<b>0340580000</b>

Width [mm]			
EW 15	9.5	50	<b>0382860000</b>

Width [mm]			
STB 8.5/D4/2.3/M2.5 AKZ	50	<b>0215700000</b>	
PS 2.3 RT	20	<b>0180400000</b>	

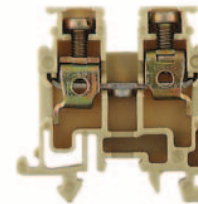
Width [mm]			
DEK 5			

#### Note

## AKZ 2.5

2.5 mm<sup>2</sup>

Modular feed-through terminal (V2)



<b>5.1 x 25.5 x 26.5</b>	
<b>32 / 4</b>	
<b>0.13 ... 4</b>	

IEC 60947-7-1 EEx e II II 2 G D

IEC	UL	CSA	EN 50019
250	300	300	175
24	10	10	15
2.5	AWG 22 ...12	AWG 26...12	2.5
4 / 3			
A3 / V2			

SIR4 02ATEX3001 U

<b>Rated connection</b>	
0.5...4 / 1.5...2.5	
0.5...2.5 / 0.5...2.5	
0.4...0.6 (M 2.5)	
7 / 3.0 x 0.5	

0.5...1.5	
0.5...1.5 / 0.5...1.5	

#### Note

Type	Qty	Order No.
AKZ 2.5	100	<b>0697160000</b>
AKZ 2.5 BL	100	<b>0697180000</b>

Type	Current [A]	Qty	Order No.
Q 2 AKZ1.5	24	50	<b>0368200000</b>
Q 3 AKZ1.5	24	50	<b>0368300000</b>
Q 4 AKZ1.5	24	50	<b>0368400000</b>
Q 10 AKZ1.5	24	50	<b>0368500000</b>

Width [mm]			
AP AKZ2.5	2.5	50	<b>0697360000</b>
AP AKZ2.5 BL	2.5	50	<b>0697380000</b>
TW AKZ 2.5	0.5	20	<b>0318560000</b>
TW AKZ2.5 BL	0.5	20	<b>0318580000</b>

Width [mm]			
EW 15	9.5	50	<b>0382860000</b>

Width [mm]			
STB 8.5/D4/2.3/M2.5 AKZ	50	<b>0215700000</b>	
PS 2.3 RT	20	<b>0180400000</b>	

Width [mm]			
DEK 5			

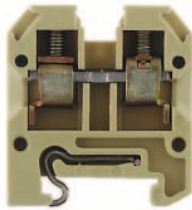
#### Note

# Mini Modular Terminals

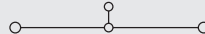
## AKZ 4

4 mm<sup>2</sup>

Modular feed-through terminal (V2)



6.1 x 27 x 30,5  
41 / 6  
0.13 ... 6



IEC 60947-7-1

EEx e II II 2 G D

IEC	UL	CSA	EN 50019
400	300	300	275
32	27	10	21
4	AWG 22 ...12	AWG 24...12	4

6 / 3  
A3 / V2



SIRA 02ATEX3001 U

### Rated connection

0.5...6 / 1.5...4  
0.5...4 / 0.5...4  
0.6...0.8 (M 3)  
8 / 3.5 x 0.6

0.5...1.5  
0.5...1.5 / 0.5...1.5

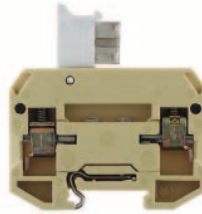
Twin wire end ferrules ZH 0.5 - ZH 1.5

Type	Qty	Order No.
AKZ 4	100	0294360000
AKZ 4 BL	100	0294380000

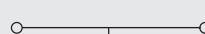
## SAKR

2.5 mm<sup>2</sup>

Modular disconnect test terminal



6.5 x 42 x 45  
10 / 4  
0.13 ... 4



IEC 60947-7-2

IEC	UL	CSA	EN 50019
400			
10			
4			

6 / 3  
A3 / V2

### Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...4  
0.5...1.0 (M 3)  
7 / 3.0 x 0.5

0.5...1.5  
0.5...1.5 / 0.5...1.5

QB 25, see chapter accessories.  
Twin wire end ferrules ZH 0.5 - ZH 1.5

Type	Qty	Order No.
SAKR 15	100	0412760000
SAKR 15 2STB	100	0412860000

Type	Current [A]	Qty	Order No.
Q 2 AKZ4	24	50	0336400000
Q 3 AKZ4	24	50	0336500000
Q 4 AKZ4	24	50	0336600000
Q 10 AKZ4	24	50	0368600000

### Width [mm]

AP AKZ4	1.5	20	0294460000
AP AKZ4 BL	1.5	20	0294480000
TW AKZ4	0.5	50	0348260000

### Width [mm]

EW 15	9.5	50	0382860000
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STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
PS 2.3 RT	20	0180400000

DEK 6

Type	Current [A]	Qty	Order No.
QB 2 insulated		50	0482700000
QB 3 insulated		50	0482800000
QB 4 insulated		50	0482900000
QB 25 uninsulated		20	0134000000

### Width [mm]

AP (1.5)	20	0211360000
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### Width [mm]

EW 15	9.5	50	0382860000
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PS 2.3	20	0180400000
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DEK 6.5



# Mini modular terminals

## Modular PE terminals TS 15 / PA

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

<b>Width/Length/Height with TS 15</b>	mm
Max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage for adjacent terminal	V
Rated impulse voltage / Pollution severity	kV
Short-duration withstand current	A
Pollution severity	
Plug gauge IEC 60-947-1 / flammability class acc. UL 94	
Approvals	

Clampable conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / flexible w. wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / blade size	mm / -

2 clampable conductors of equal cross-section	
Solid / stranded	mm <sup>2</sup>
Flexible / flexible w. wire end ferrule	mm <sup>2</sup>

Information

### Order data

Version	Type	Qty.	Order No.
green/yellow	AKE 2.5	100	1303360000

Information

### Accessories



Rail support	Type	Qty.	Order No.

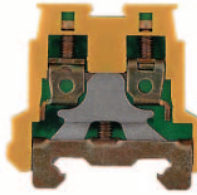
Marking systems

For detailed information on other accessories and applications see "Accessories"

## AKE 2.5

2.5 mm<sup>2</sup>

Protective earth terminals



<b>5.1 x 28 x 28</b>	
<b>/ 4</b>	
<b>0.13 ... 4</b>	

IEC 60947-7-2 EEx e II II 2 G D

IEC	UL	CSA	EN 50019
2.5	AWG 22... 12	AWG 26... 12	2.5
250			
4			
300 A (2.5 mm <sup>2</sup> )			
3			
A3 / V2			

SIFA 02ATEX3001 U

Rated connection	Additional connection
0.5...4 / 1.5...2.5	
0.5...2.5 / 0.5...2.5	
0.4...0.6 (M 2.5)	
0.4...0.6 (M 2.5)	
7 / 3.0 x 0.5	

## AKE 4 MS

4 mm<sup>2</sup>

PE terminal



<b>7 x 27.5 x 30</b>	
<b>/ 4</b>	
<b>0.5 ... 4</b>	

IEC 60947-7-2

IEC	UL	CSA	EN 50019
4	AWG 22... 14		
480 A (4 mm <sup>2</sup> )			
3			
A3			

Rated connection	Additional connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...4	
0.8...1.6 (M 3.5)	
0.8...1.6 (M 3.5)	
9 / 3.5 x 0.6	

# Mini modular terminals

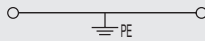
**AKE 4**

**4 mm<sup>2</sup>**

PE terminal



7 x 32 x 34,5  
/ 4  
0.13 ... 4



IEC 60947-7-2

EEx e II  II 2 G D

IEC	UL	CSA	EN 50019
4	AWG 22... 12	AWG 26... 12	4
500			
6			
	480 A (4 mm <sup>2</sup> )		
	3		
	A3 / V2		



SIRA 02ATEX3001 U

Rated connection	Additional connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.5...1.0 (M 3)	
0.5...1.0 (M 3)	
9 / 3.5 x 0.6	

Type	Qty.	Order No.
AKE 4	100	0380260000

Type	Qty.	Order No.
DEK 6,5		

Modular PE terminals  
TS 15 / PA

**E**

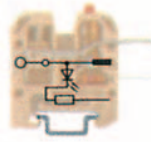
# Mini modular terminals

## With electronic components TS 15 / PA

**AKZ 4 LD**

**4 mm<sup>2</sup>**

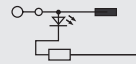
DC voltage indicator



When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

<b>Width/Length/Height with TS35x7.5</b>	mm
Max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

<b>6 x 35.5 x 30</b>
<b>10 / 4</b>
<b>0.5 ... 4</b>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL 94	
Approvals	

IEC	UL	CSA	EN 50019
24			
10			
4			
	1 / 3		
	A3 / V2		

### Electronic built-in components

Diode current / diode voltage	V / A
voltage LED / current LED / polarity	V / mA / -
Resistance / Varistor	-/V

24 / 5
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### Clampable conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / flexible w. wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / blade size	mm / -

Rated connection	Additional connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...4	
0.5...0.8 (M 3)	
8 / 3.5 x 0.6	

### Information

Conductor for solder connection max. 1.5 mm<sup>2</sup>


### Order data

Version	
Terminal components	LED red
see circuit diagram above	LED green
	Neon lamp
	Neon lamp

Type	Spannung	Qty.	Order No.
AKZ 4 LD 24VDC	24 VDC	25	<b>8022520000</b>

### Information

### Accessories

Cross-connection, screwable	
	2-pole
	3-pole
	4-pole
(Q / QB)	10-pole

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	<b>0336400000</b>
Q 3 AKZ4	32	50	<b>0336500000</b>
Q 4 AKZ4	32	50	<b>0336600000</b>
Q 10 AKZ4	32	20	<b>0368600000</b>

External cross-connection	
	2-pole
	3-pole
	4-pole

Current [A]	

End plate	
	beige

AP AKZ4	20	<b>0294460000</b>
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Socket	

STB 8.5/D4/2.3/M2.5 AKZ	50	<b>0215700000</b>
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Test plug	

PS 2.3 RT	20	<b>0180400000</b>
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Connecting sleeve	

VH 10/4/2.8 AKZ4	50	<b>0446600000</b>
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Cross-connection saddle	

VL 2 AKZ4/DK4	50	<b>0446700000</b>
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Fixing screw / Partition disc	
	Fixing screw
	Partition disc

BFSC M2.5X14 SAKD2.5N	100	<b>0266800000</b>
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Marking systems	

DEK 6		
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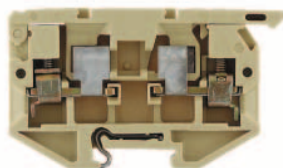
For detailed information on other accessories and applications see "Accessories"

# Mini modular terminals

## Fuse terminals TS 15 / PA

ASK 1/15

4 mm<sup>2</sup>



When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

<b>Width/Length/Height with TS 15</b>	mm
Max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

8 x 58 x 34
<b>6.3 / 4</b>
<b>0.13 ... 4</b>

### Technical data

Rated data	
Rated voltage for adjacent terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL 94	
Approvals	
Clamped conductor (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / flexible w. wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / blade size	mm / -
2 clampable conductors of equal cross-section	
Solid / stranded	mm <sup>2</sup>
Flexible / flexible w. wire end ferrule	mm <sup>2</sup>
Information	

IEC	UL	CSA	EN 50019
500	300	300	
6.3	10	6.3	
4	AWG 22... 12	AWG 26... 12	
	6 / 3		
	A3 / V2		
Rated connection		Additional connection	
0.5...4 / 1.5...4			
0.5...4 / 0.5...4			
0.5...1.0 (M3)			
9 / 3.5 x 0.6			
Information			

### Order data

Version	
	without LED
Information	

Type	Qty.	Order No.
ASK 1/15	100	0376860000
Information		

### Accessories

Cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Fuse cartridges
	Fixing screw
Screw cap	
	SK
	SK
Gauge pieces	
	Colour
Fuse cartridges	
	Rated voltage 500V
Fuse cartridges	
	Rated voltage 400V
Marking systems	
	DEK 6,5
<b>For detailed information on other accessories and applications see "Accessories"</b>	

Type	Current [A]	Qty.	Order No.
QB 2 WI RA8 IS		50	0461100000
QB 3 WI RA8 IS		50	0461200000
QB 4 WI RA8 IS		50	0461300000
Information			

Contact Sleeve order no. 0553300000;  
AP ASK 1 order no. 0380360000

# Mini modular terminals

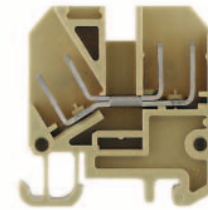
**with push-on connection**  
**TS 15 / PA**

**AKZ 4 SS SE 6.3/2.8**

**2.5 mm<sup>2</sup>**

**AKZ 4 SS WA 2x2.8**

**1 mm<sup>2</sup>**



When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

<b>Width/Length/Height with TS 15</b>	mm
Max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

<b>6 x 28.45 x 30.5</b>	
<b>8 / 2.5</b>	
<b>0.2 ... 2.5</b>	

<b>6 x 28.5 x 30.5</b>	
<b>8 / 1</b>	
<b>0.2 ... 1</b>	

## Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL 94	
Approvals	

IEC 60947-7-1 / IEC 61210				
IEC	UL	CSA	EN 50019	
400	150	300		
8	10	10		
2.5	AWG 22... 12	AWG 24... 12		
		6 / 3		
		/ V2		

IEC 60947-7-1 / IEC 61210				
IEC	UL	CSA	EN 50019	
400	150	300		
8	10	10		
1	AWG 22... 12	AWG 24... 12		
		6 / 3		
		/ V2		

Clampable conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / flexible w. wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / blade size	mm / -

Rated connection		Additional connection	

Rated connection		Additional connection	

2 clampable conductors of equal cross-section	
Solid / stranded	mm <sup>2</sup>
Flexible / flexible w. wire end ferrule	mm <sup>2</sup>

Information	

Information	

Information	

## Order data

Version	
	slotted
	Unslotted
	slotted blue
	Unslotted blue

Type	Qty.	Order No.
AKZ 4 SS SE 6.3/2.8	100	0324560000

Type	Qty.	Order No.
AKZ 4 SS WA 2x2.8	100	0362460000

Information	

Information	

Information	

## Accessories

Cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4SS	20	50	0369000000
Q 3 AKZ4SS	20	50	0369100000
Q 4 AKZ4SS	20	50	0369200000
Q 10 AKZ4SS	20	20	0369300000

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4SS	20	50	0369000000
Q 3 AKZ4SS	20	50	0369100000
Q 4 AKZ4SS	20	50	0369200000
Q 10 AKZ4SS	20	20	0369300000

Plug adapter	
	2-pole
	3-pole
	4-pole
	5-polig
	8-pole

End plate / partition	
End plate	AP AKZ4
Partition	TW AKZ4
Partition disc	

Testing/Checking	
for testing	PS
wired terminal strips	StB

End plate / partition	
End plate	AP AKZ4
Partition	TW AKZ4
Partition disc	

Width [mm]			
AP AKZ4	1.5	20	0294460000
TW AKZ4	0.5	50	0348260000

Width [mm]			
AP AKZ4	1.5	20	0294460000
TW AKZ4	0.5	50	0348260000

Testing/Checking	
for testing	PS
wired terminal strips	StB

Testing/Checking			
PS 2.3 RT	20	50	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50	50	0215700000

Testing/Checking			
PS 2.3 RT	20	50	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50	50	0215700000

Insulating sleeve	
	2.8
	6.3

Insulating sleeve			
IH 2.8 DB	100	50	0386060000
IH 6.3 WEM GE	100	50	0386260000

Insulating sleeve			
IH 2.8 DB	100	50	0386060000

Marking systems	
	DEK 6

Marking systems	
	DEK 6

Marking systems	
	DEK 6

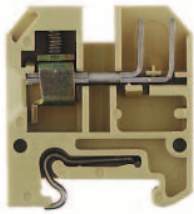
For detailed information on other accessories and applications see "Accessories"



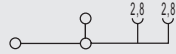
# Mini modular terminals

**AKZ 4 S WA 2x2.8**

**4 mm<sup>2</sup>**



**6 x 27 x 30**  
**8 / 4**  
**0.2 ... 4**



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA	EN 50019
400	150	300	
8	20	10	
4	AWG 22... 12 AWG 24... 12		
6 / 3			
A3 / V2			

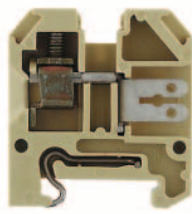


**Rated connection**      **Additional connection**

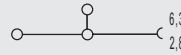
0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.6...0.8 (M 3)  
8 / 3.5 x 0.6

**AKZ 4 SF SE 6.3/2.8**

**4 mm<sup>2</sup>**



**6 x 27 x 30**  
**8 / 4**  
**0.2 ... 4**



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA	EN 50019
400		300	
8		10	
4	AWG 24... 12		
6 / 3			
A3 / V2			



**Rated connection**      **Additional connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.6...0.8 (M 3)  
8 / 3.5 x 0.6

Type	Qty.	Order No.
AKZ 4 S WA 2X2.8	100	0324460000

Type	Qty.	Order No.
AKZ 4 SF SE 6.3/2.8	100	0158760000

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000
Q 10 AKZ4	32	20	0368600000

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000
Q 10 AKZ4	32	20	0368600000

Type	Width [mm]	Qty.	Order No.
AP AKZ4	1.5	20	0294460000
TW AKZ4	0.5	50	0348260000

Type	Width [mm]	Qty.	Order No.
AP AKZ4	1.5	20	0294460000
TW AKZ4	0.5	50	0348260000

PS 2.3 RT	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000

PS 2.3 RT	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000

IH 2.8 DB	100	0386060000
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IH 2.8 DB	100	0386060000
IH 6.3 WEM GE	100	0386260000

DEK 6

DEK 6

with push-on connection  
TS 15 / PA

E

# Mini modular terminals

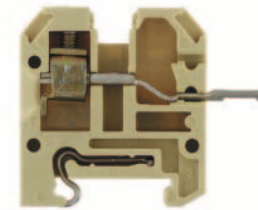
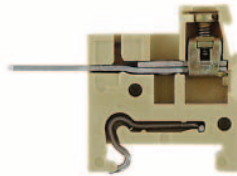
with solder connection  
TS 15 / PA

**AKZ 1.5L VS**

**1.5 mm<sup>2</sup>**

**AKZ 4 L**

**4 mm<sup>2</sup>**



When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

<b>Width/Length/Height with TS 15</b>	mm
Max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

<b>5 x 34.5 x 25.5</b>	
<b>16 / 2.5</b>	
<b>0.2 ... 2.5</b>	

<b>6 x 35.5 x 30</b>	
<b>16 / 4</b>	
<b>0.2 ... 4</b>	

## Technical data

<b>Rated data</b>	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL 94	
Approvals	

IEC 60947-7-1 / IEC 60068-2-20			
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 50019</b>
250		150	
16		10	
1.5		AWG 24...16	
		4 / 3	
		A1 / V2	

IEC 60947-7-1 / IEC 60068-2-20			
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 50019</b>
250	300	300	
16	20	10	
4	AWG 22...12	AWG 24...12	
		4 / 3	
		A3 / V2	

<b>Clampable conductors (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / flexible w. wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / blade size	mm / -

<b>Rated connection</b>	<b>Additional connection</b>
0.5...2.5...1.5	
0.5...1.5 / 0.5...1.5	
0.4...0.6 (M 2.5)	
7 / 3.0 x 0.5	

<b>Rated connection</b>	<b>Additional connection</b>
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.6...0.8 (M 3)	
8 / 3.5 x 0.6	

<b>2 clampable conductors of equal cross-section</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / flexible w. wire end ferrule	mm <sup>2</sup>

<b>Information</b>	
--------------------	--

## Order data

<b>Version</b>	
	beige
	blue

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
AKZ 1.5L VS	100	0340160000

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
AKZ 4L SL VS	100	0334860000
AKZ 4L SL VS BL	100	0334880000

<b>Information</b>	
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## Accessories

<b>Cross-connection, screwable</b>	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve
	Fixing screw
	Fuse cartridges

<b>Type</b>	<b>Current [A]</b>	<b>Qty.</b>	<b>Order No.</b>
Q 2 AKZ1.5		50	0368200000
Q 3 AKZ1.5	24	50	0368300000
Q 4 AKZ1.5	24	50	0368400000
Q 10 AKZ1.5	24	20	0368500000

<b>Type</b>	<b>Current [A]</b>	<b>Qty.</b>	<b>Order No.</b>
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000
Q 10 AKZ4	32	20	0368600000

<b>Cross-connection saddle</b>	
	Cross-connection saddle
	Connecting sleeve
	Fixing screw

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
VL 2 AKZ4/DK4	50	0446700000
VH 10/4/2.8 AKZ4	50	0446600000
BFSC M2.5X14 SAKD2.5N	100	0266800000

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
PS 2.3 RT	20	0180400000

<b>Socket / Test plug</b>	
	Socket
	Test plug

<b>Type</b>	<b>Width [mm]</b>	<b>Qty.</b>	<b>Order No.</b>
AP AKZ1.5W	1.5	20	0329660000

<b>Type</b>	<b>Width [mm]</b>	<b>Qty.</b>	<b>Order No.</b>
AP AKZ4	1.5	20	0294460000

<b>End plate</b>	
	beige
	blue

<b>Type</b>	<b>Width [mm]</b>	<b>Qty.</b>	<b>Order No.</b>
TW AKZ4 HP/DBR/0.5	0.5	50	0166800000

<b>Type</b>	<b>Width [mm]</b>	<b>Qty.</b>	<b>Order No.</b>
TW AKZ4	0.5	50	0348260000

<b>Partition / Partition disc</b>	
	beige
	blue
	Partition disc

<b>Type</b>	<b>Width [mm]</b>	<b>Qty.</b>	<b>Order No.</b>
TSCH 4 AKZ4	6	100	0363360000

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
AD 4 AKZ4	50	0303400000
BFSC M2.5X18 PA/RT	100	0303300000

<b>Cover / fixing screw (plastic)</b>	
	Cover
	Fixing screw (plastic)

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
DEK 5		

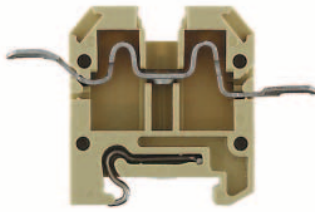
<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
DEK 6		

Detailed information on all versions in chapter accessories.

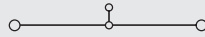
# Mini modular terminals

**AKZ 4 LL VS**

**1.5 mm<sup>2</sup>**



**6 x 44 x 30**  
**16 / 1.5**  
**0.2 ... 1.5**



IEC 60947-7-1 / IEC 60068-2-20

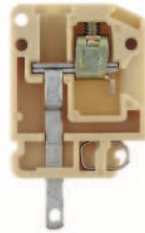
IEC	UL	CSA	EN 50019
250	300	300	
16	20	10	
1.5	AWG 22...12	AWG 24...12	
	4 / 3		
	/ V2		



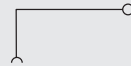
Rated connection	Additional connection
0.5...1.5 / 0.5...1.5	
0.5...1.5	

**ADK 1**

**4 mm<sup>2</sup>**



**6 x 22 x 36.5**  
**16 / 4**  
**0.13 ... 4**



IEC	UL	CSA	EN 50019
400	300	300	
16	10	15	
4	AWG 26...12	AWG 26...12	
	6 / 3		
	A3 / V2		

Rated connection	Additional connection
0.5...4 / 1.5...2.5	
0.5...4 / 0.5...2.5	
0.5...1.0 (M 3)	
9 / 3.5 x 0.6	

Type	Qty.	Order No.
AKZ 4 LL VS	100	0346460000

Type	Qty.	Order No.
ADK 1/1.5	100	0303860000
ADK 1/1.5 BL	100	0303880000

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000
Q 10 AKZ4	32	20	0368600000

Type	Current [A]	Qty.	Order No.

VL 2 AKZ4/DK4	50	0446700000
VH 10/4/2.8 AKZ4	50	0446600000
BFSC M2.5X14 SAKD2.5N	100	0266800000

STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
PS 2.3 RT	20	0180400000
Width [mm]		
AP AKZ4	1.5	0294460000

Width [mm]		
TW AKZ4	0.5	0348260000

AD 4 AKZ4	50	0303400000
BFSC M2.5X18 PA/RT	100	0303300000

DEK 6

PS 2.3 RT	20	0180400000
Width [mm]		
AP ADK1	50	0476260000

Width [mm]		
TW ADK1 HP/DBR/0.5	0.5	0442300000

DEK 6

with solder connection  
TS 15 / PA

**E**

# Mini modular terminals

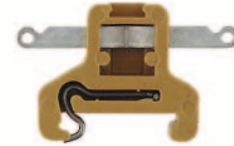
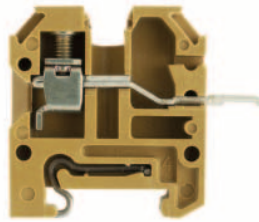
with solder connection  
TS 15 / PA & KRG

**AKZ 4 L KRG**

**4 mm<sup>2</sup>**

**AL 1**

**1 mm<sup>2</sup>**



When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

<b>Width/Length/Height with TS 15</b>	mm
Max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

<b>6 x 35.5 x 30</b>	
<b>16 / 4</b>	
<b>0.2 ... 4</b>	

<b>6.5 x 32 x 21</b>	
<b>13.5 / 1</b>	
<b>0.5 ... 1</b>	

## Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL 94	
Approvals	

IEC 60947-7-1 / IEC 60068-2-20			
IEC	UL	CSA	EN 50019
250	300	300	
16	20	10	
4	AWG 22...12	AWG 24...12	
	4 / 3		
	A3 / 5VA		

IEC 60947-7-1 / IEC 60068-2-20			
IEC	UL	CSA	EN 50019
400			
13.5			
1			
	6 / 3		
	/ 5VA		

Clampable conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / flexible w. wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / blade size	mm / -

Rated connection		Additional connection	
0.5...4	/ 1.5...4		
0.5...4	/ 0.5...2.5		
0.6...0.8	(M 3)		
8	/ 3.5 x 0.6		

Rated connection		Additional connection	
0.5...1			
0.5...1			

2 clampable conductors of equal cross-section	
Solid / stranded	mm <sup>2</sup>
Flexible / flexible w. wire end ferrule	mm <sup>2</sup>

Information	

Information			

Information			

## Order data

Version	
	beige
	blue

Type	Qty.	Order No.
AKZ 4L SL VS KRG	100	0334820000

Type	Qty.	Order No.
AL 1	100	0137320000

Information	

## Accessories

Cross-connection, screwable	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve
	Fixing screw
	Fuse cartridges

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000
Q 10 AKZ4	32	20	0368600000

Type	Current [A]	Qty.	Order No.

Cross-connection saddle	
	Cross-connection saddle
	Connecting sleeve
	Fixing screw

Type	Qty.	Order No.
VL 2 AKZ4/DK4	50	0446700000
VH 10/4/2.8 AKZ4	50	0446600000
BFSC M2.5X14 SAKD2.5N	100	0266800000

Type	Qty.	Order No.

Socket / Test plug	
	Socket
	Test plug

Type	Qty.	Order No.
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
PS 2.3 RT	20	0180400000

Type	Qty.	Order No.

End plate	
	beige
	blue

Width [mm]			
AP AKZ4	1.5	20	0294460000

Width [mm]			
EP AL1 HP/DBR/1	1	100	0164100000

Partition / Partition disc	
	beige
	blue
	Partition disc

Width [mm]			
TW AKZ4	0.5	50	0348260000
TSCH 4 AKZ4	6	100	0363360000

Width [mm]			
TW AKZ4 HP/DBR/0.5	0.5	50	0166800000

Cover / fixing screw (plastic)	
	Cover
	Fixing screw (plastic)

Type	Qty.	Order No.
AD 4 AKZ4	50	0303400000
BFSC M2.5X18 PA/RT	100	0303300000

Type	Qty.	Order No.

Marking systems	
	DEK 6

Marking systems			

Marking systems			

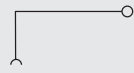
# Mini modular terminals

**AKA 2.5**

**2.5 mm<sup>2</sup>**



**6 x 20 x 31**  
**20 / 2.5**  
**0.13 ... 2.5**



IEC	UL	CSA	EN 50019
400	300	300	
20	20	10	
2.5	AWG 20...12	AWG 24...12	
			6 / 3
			A3 / V-0



Rated connection	Additional connection
0.5...2.5 / 1.5...2.5	
0.5...2.5 / 0.5...1.5	
0.4 (M 2.5)	
9 / 3.5 x 0.6	

Type	Qty.	Order No.
AKA 2.5	100	0300720000
AKA 2.5 BL	100	0300770000

Type	Current [A]	Qty.	Order No.
<b>Width [mm]</b>			
AP AKA2.5		100	0162520000
AP AKA2.5 KRG/BL		50	0162570000
<b>Width [mm]</b>			

DEK 6

with solder connection  
TS 15 / PA & KRG

**E**

# Mini modular terminals

with Termi-Point/Wire-Wrap connection  
TS 15 / PA

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

<b>Width/Length/Height with TS 15</b>	mm
Max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**AKZ 1.5 T**

**1.5 mm<sup>2</sup>**

**AKZ 4 T**

**4 mm<sup>2</sup>**



<b>5 x 24.8 x 44.9</b>	
<b>8 / 2.5</b>	
<b>0.2 ... 2.5</b>	

<b>6 x 27</b>	
<b>10 / 4</b>	
<b>0.2 ... 4</b>	

## Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL 94 Approvals	

IEC 60947-7-1 / VDE 41611-4			
IEC	UL	CSA	EN 50019
125	300	300	
8	10	10	
1.5	AWG 26... 14	AWG 24... 16	
3 / 3			
A1 / V2			

IEC 60947-7-1 / VDE 41611-4			
IEC	UL	CSA	EN 50019
250	300	300	
10	10	10	
4	AWG 26... 14	AWG 24... 12	
4 / 3			
A3 / V2			

Clampable conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / flexible w. wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / blade size	mm / -

Rated connection		Additional connection	
0.5...2.5 / 1.5		0.5...1.5 / 0.5...1.5	
0.4...0.6 (M 2.5)		7 / 3.0 x 0.5	

Rated connection		Additional connection	
0.5...4 / 1.5...4		0.5...4 / 0.5...2.5	
0.6...0.8 (M 3)		8 / 3.5 x 0.6	

2 clampable conductors of equal cross-section	
Solid / stranded	mm <sup>2</sup>
Flexible / flexible w. wire end ferrule	mm <sup>2</sup>

Information	
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## Order data

Version	
right	
horizontal right	
vertical right	
2 x vertical	
left	
vertical left	

Type	Qty.	Order No.
AKZ 1.5 SW 1X1	100	0357960000

Type	Qty.	Order No.
AKZ 4 SW 1X1	100	0445860000

Information	
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## Accessories

Cross-connection output-side (screwable)	
	2-pole
	3-pole
	4-pole
	10-pole

Type	Current [A]	Qty.	Order No.
Q 2 AKZ1.5	24	50	0368200000
Q 3 AKZ1.5	24	50	0368300000
Q 4 AKZ1.5	24	50	0368400000
Q 10 AKZ1.5	24	20	0368500000

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000
Q 10 AKZ4	32	20	0368600000

End plate / partition	
End plate	
End plate blue	
Partition	
Partition	
Partition disc	

AP AKZ1.5	1.5	50	0340560000
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AP AKZ4	1.5	20	0294460000
TW AKZ4	0.5	50	0348260000
TSCH 4 AKZ4	6	100	0363360000

External cross-connection	
	2-pole
	3-pole
	4-pole

Width [mm]	
------------	--

Width [mm]	
------------	--

Cover	
	Cover
	Plombierschraube

Testing/Checking	
for testing	PS
wired terminal strips	STB

PS 2.3 RT	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000

PS 2.3 RT	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000

Marking systems	
	DEK 5

Marking systems	
	DEK 6

For detailed information on other accessories and applications see "Accessories"

# Mini modular terminals

**AKZ 2.5K**

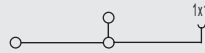
**2.5 mm<sup>2</sup>**



5 x 29 x 46

8 / 5.3

0.13 ... 5.3



IEC	UL	CSA	EN 50019
250	300	300	
8	10	10	
2.5	AWG 22... 12	AWG 26... 10	
	4 / 3		
	A2 / V2		



Rated connection	Additional connection
0.5...2.5 / 1.5...2.5	
0.5...2.5 / 0.5...2.5	
0.4...0.6 (M 2.5)	
7 / 3.0 x 0.5	

Type	Qty.	Order No.
AKZ 2.5 K SW U/V 1X1	100	0108960000

Type	Current [A]	Qty.	Order No.
AP AKZ2.5K	3	50	0697260000
TW AKZ2.5	0.5	20	0318560000

Width [mm]	Qty.	Order No.
PS 2.3 RT	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000

DEK 5



