

# Modular PE terminals

## TS 32 / PA

TS 32 / PA

**B**

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 TS32</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

<b>Version</b>	green/yellow
----------------	--------------

#### Information

### Accessories

#### Rail support

#### Marking systems

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

## EK 2.5N

## 2.5 mm<sup>2</sup>

## EK 4

## 4 mm<sup>2</sup>



<b>6 x 36.5 x 46.5</b>
<b>/ 4</b>
<b>0.33 ... 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... 10	2.5

800
8

300 A (2.5 mm <sup>2</sup> )
3

A3 / V2
---------

KEMA 97ATEX1798 U

#### Rated connection Additional connection

0.5...4 / 0.5...2.5
0.5...4 / 0.5...2.5
0.4...0.8 (M 2.5)
0.5...0.8 (M 3)
10 / 3.5 x 0.6



<b>8 x 40 x 51.5</b>
<b>/ 6</b>
<b>0.33 ... 6</b>

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

IEC	UL	CSA	EN 50019
4	AWG 22... 12	AWG 26... 10	4

800
8

480 A (4 mm <sup>2</sup> )
3

A4 / V2
---------

KEMA 97ATEX1798 U

#### Rated connection Additional connection

0.5...6 / 0.5...4
0.5...4 / 0.5...4
0.5...1.0 (M 3)
0.5...1.0 (M 3)
12 / 3.5 x 0.6

#### Rail support

#### Marking systems

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

#### Rail support

#### Marking systems

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

# Modular PE terminals

**EK 10**

**10 mm<sup>2</sup>**

**EK 16**

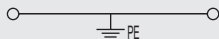
**16 mm<sup>2</sup>**

**EK 35**

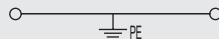
**35 mm<sup>2</sup>**



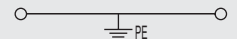
**10 x 40 x 51.5**  
**/ 10**  
**0.5 ... 10**



**12 x 50 x 57.5**  
**/ 16**  
**1.5 ... 16**



**16 x 58 x 67.5**  
**/ 50**  
**3.31 ... 50**



IEC 60947-7-2

EEx e II II 2 G D

IEC	UL	CSA	EN 50019
10	AWG 14... 6	AWG 14... 6	10
800			
8			
720 A (6 mm <sup>2</sup> )			
3			
B6 / V2			



KEMA 97ATEX1798 U

Rated connection	Additional connection
0.5...10 / 1.5...6	
0.5...10 / 0.5...10	
1.2...2.4 (M 4)	
0.5...1.0 (M 3)	
12 / 5.5 x 1.0	

IEC 60947-7-2

IEC	UL	CSA	EN 50019
16	AWG 12... 4	AWG 10... 4	
800			
8			
1920 A (16 mm <sup>2</sup> )			
3			
B6 / V2			



Rated connection	Additional connection
2.5...16 / 2.5...16	
2.5...16 / 4...16	
1.2...2.4 (M 4)	
0.8...1.6 (M 3.5)	
16 / 5.5 x 1.0	

IEC 60947-7-2

EEx e II II 2 G D

IEC	UL	CSA	EN 50019
35	AWG 10... 2	AWG 10... 2	35
800			
8			
4200 A (35 mm <sup>2</sup> )			
3			
B9 / V2			



KEMA 97ATEX1798 U

Rated connection	Additional connection
6...16 / 16...50	
10...35 / 10...35	
4.0...6.0 (M 6)	
0.8...1.6 (M 3.5)	
20 / 6.5 x 1.0	

Type	Qty.	Order No.
EK 10	100	0354660000

Type	Qty.	Order No.
EK 16	50	0374660000

Type	Qty.	Order No.
EK 35	20	0354760000

Type	Qty.	Order No.
SH 2	10	0494920000

Type	Qty.	Order No.
SH 2	10	0494920000

Type	Qty.	Order No.
SH 2	10	0494920000

DEK 5

DEK 5

DEK 5

For application with a 50 mm<sup>2</sup> wire use a TS 35/15 Cu rail.