

# The modular terminal block system - CLIPLINE complete

## UT universal terminals - Screw connection terminal blocks

### UT... feed-through terminal blocks



The UT screw terminal block series features a compact design and ideal handling. They are available in conductor cross-section ranges of 2.5 mm<sup>2</sup> to 35 mm<sup>2</sup> and can be labeled with zack marker strips.

The double bridge shaft allows individual chain bridging by means of standard plug-in bridges.

Corresponding CLIPLINE complete standard accessories are available for testing and labeling.

Ground terminal blocks with the same shape and pitch round off the range. Reliable mechanical and electrical contacting to the DIN rail is established by simply snapping the terminal block onto the rail.

The UT...-PE ground terminal blocks meet all the requirements of the standard IEC 60947-7-2.

For suitable torque screw drivers, see page 646.



For more technical data, drawings and accessories, visit [www.phoenixcontact.net/eshop](http://www.phoenixcontact.net/eshop).

1) For information on installation for using accessories for Ex e applications, see page 720.

2) The reducing bridge table should be followed, see page 332.



### UT 2,5 ...



Ex: **KEMAK**  
KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Dimensions	Width	Length	Height NS 35/7,5	
	5.2	47.7	47.5	
Max. electrical data				
	$I_{max}$ [A]	$U_{max}$ [V]	Max. $\varnothing$ [mm <sup>2</sup> ]	AWG
	32	1000	0.14 - 4	26 - 12
Rated data	IEC 60947-7-1			
	IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	1000	600	600
Nominal current / cross-section	[A] / [mm <sup>2</sup> ]	24 / 2.5	20 / -	22 / 2.5 // 28 / 4
Rated cross-section	[mm <sup>2</sup> ]	2.5	-	2.5
Cross-section range	AWG	26 - 12	26-12	26 - 12
Connection capacity	Solid Stranded Ferrule			
One conductor	[mm <sup>2</sup> ]	0.14 - 4	0.14 - 4	0.14 - 2.5 0.14 - 2.5
Two conductors (of the same type)	[mm <sup>2</sup> ]	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5 -
Two stranded conductors with a TWIN ferrule	[mm <sup>2</sup> ]			0.5 - 1.5
General data				
Stripping length	[mm]	9		
Screw thread		M3		
Tightening torque	[Nm]	0.6 - 0.8		
Insulating material		PA		
Inflammability class acc. to UL 94		V0		

### Ordering data

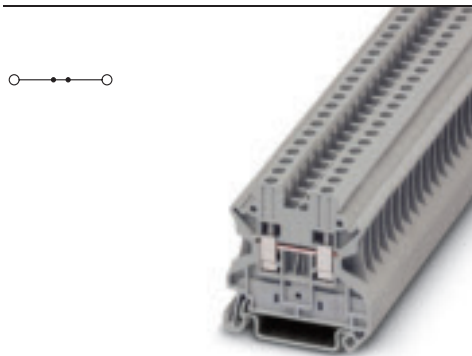
Description	No. of pos.	Color	Type	$I_{max}$	Order No.	Pcs. / Pkt.
<b>Terminal block</b> , for mounting on NS 35...		Gray Blue Orange Red Black	<b>UT 2,5</b> <b>UT 2,5 BU</b> <b>UT 2,5 OG</b> <b>UT 2,5 RD</b> <b>UT 2,5 BK</b>		<b>3044076</b> <b>3044089</b> <b>3045046</b> <b>3045062</b> <b>3045088</b>	50 50 50 50 50

### Accessories<sup>1)</sup>

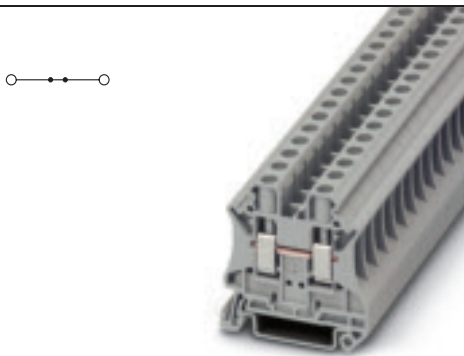
<b>Pick-off terminal block</b> , for snapping into the lateral guide	Gray					
<b>Cover</b> , width 2.2 mm	Gray					
<b>Plug-in bridge</b> for cross connections in the bridge shaft						
	2	Red				
	3	Red				
	4	Red				
	5	Red				
	10	Red				
	20	Red				
<b>Reducing bridge</b> , for connecting from UT to UT terminals <sup>2)</sup>	2	Red				
<b>Reducing bridge</b> , for connecting from UT to PIT, ST or QTC terminal blocks <sup>2)</sup>	2	Red				
<b>Partition plate</b> , for visual and electrical separation of terminal groups, 2 mm thick	Gray					
<b>Test adapter</b> , for 4 mm $\varnothing$ PS test plug and 4 mm safety test plug, makes contact in the bridge shaft	Gray					
<b>Test plug, consisting of: metal part</b> for 2.3 mm $\varnothing$ socket hole and						
<b>insulating sleeve</b> for MPS metal part	Red					
<b>Modular test plug</b> , for the individual assembly of test plug strips	Red					
<b>Warning sign</b> for UT series	Yellow					
<b>Screwdriver</b>						
<b>UniCard sheet</b> , for labeling the lateral groove						
<b>Zack marker strip</b> , for labeling the lateral groove						

# The modular terminal block system - CLIPLINE complete

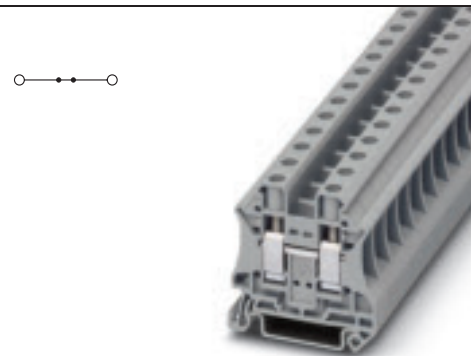
## UT universal terminals - Screw connection terminal blocks



UT 4 ...



UT 6 ...



UT 10 ...



Ex: KEMA 04ATEX2048 U / IECEx KEM 06.0027U



Ex: KEMA 04ATEX2048 U / IECEx KEM 06.0027U



Ex: KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Width	Length	Height NS 35/7,5	
6.2	47.7	47.5	
$I_{max}$ [A]	$U_{max}$ [V]	Max. $\emptyset$ [mm <sup>2</sup> ]	AWG
41	1000	0.14 - 6	26 - 10
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	600	690
32 / 4	30 / -	30 / -	30 / 4 // 38 / 6
4	-	-	4
26 - 10	26-10	26-10	26 - 10
Solid	Stranded	Ferrule	
without / with plastic sleeve			
0.14 - 6	0.14 - 6	0.14 - 4	0.14 - 4
0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
			0.5 - 2.5
9			
M3			
0.6 - 0.8			
PA			
V0			

Width	Length	Height NS 35/7,5	
8.2	47.7	47.5	
$I_{max}$ [A]	$U_{max}$ [V]	Max. $\emptyset$ [mm <sup>2</sup> ]	AWG
57	1000	0.2 - 10	24 - 8
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	600	690
41 / 6	50 / -	50 / -	40 / 6 // 50 / 10
6	-	-	6
24 - 8	24-8	24-8	24 - 8
Solid	Stranded	Ferrule	
without / with plastic sleeve			
0.2 - 10	0.2 - 10	0.25 - 6	0.25 - 6
0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
			0.5 - 4
10			
M4			
1.5 - 1.8			
PA			
V0			

Width	Length	Height NS 35/7,5	
10.2	47.7	47.5	
$I_{max}$ [A]	$U_{max}$ [V]	Max. $\emptyset$ [mm <sup>2</sup> ]	AWG
76	1000	0.5 - 16	20 - 6
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	600	690
57 / 10	65 / -	65 / -	54 / 10 // 69 / 16
10	-	-	10
20 - 6	20-6	20-6	20 - 6
Solid	Stranded	Ferrule	
without / with plastic sleeve			
0.5 - 16	0.5 - 16	0.5 - 10	0.5 - 10
0.5 - 4	0.5 - 4	0.5 - 2.5	-
			0.5 - 6
10			
M4			
1.5 - 1.8			
PA			
V0			

Type	$I_{max}$	Order No.	Pcs. / Pkt.
UT 4		3044102	50
UT 4 BU		3044115	50
UT 4 OG		3045101	50
UT 4 RD		3045127	50
UT 4 BK		3045143	50

Type	$I_{max}$	Order No.	Pcs. / Pkt.
UT 6		3044131	50
UT 6 BU		3044144	50
UT 6 OG		3045169	50
UT 6 RD		3045185	50
UT 6 BK		3045208	50

Type	$I_{max}$	Order No.	Pcs. / Pkt.
UT 10		3044160	50
UT 10 BU		3044188	50
UT 10 OG		3046281	50
UT 10 RD		3046304	50
UT 10 BK		3046320	50

D-UT 2,5/10	3047028	50
FBS 2-6	32 A 3030336	50
FBS 3-6	32 A 3030242	50
FBS 4-6	32 A 3030255	50
FBS 5-6	32 A 3030349	50
FBS 10-6	32 A 3030271	10
FBS 20-6	32 A 3030365	10
ATP-UT	3047167	50
PAI-4	3030925	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PS-6	3030996	10
WS UT 4	3047332	10
SZS 0,6X3,5	1205053	10
UC-TM 6 (see page 479)		
ZB 6 (see page 487)		

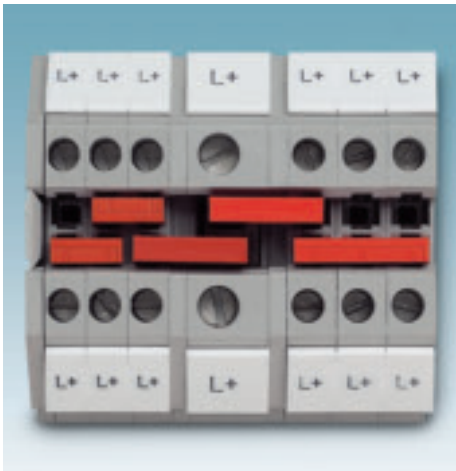
D-UT 2,5/10	3047028	50
FBS 2-8	41 A 3030284	10
FBS 3-8	41 A 3030297	10
FBS 4-8	41 A 3030307	10
FBS 5-8	41 A 3030310	10
FBS 10-8	41 A 3030323	10
RB UT 6-(2,5/4)	3047251	10
RB UT 6-ST(2,5/4)	3047264	10
ATP-UT	3047167	50
PAI-4	3030925	10
PS-8	3031005	10
WS UT 6	3047345	10
SZS 1,0X4,0	1205066	10
UC-TM 8 (see page 479)		
ZB 8 (see page 489)		

AGK 4-UT 10	3047112	50
D-UT 2,5/10	3047028	50
FBS 2-10	57 A 3005947	10
RB UT 10-(2,5/4)	3047060	10
RB UT 10-ST(2,5/4)	3047086	10
ATP-UT	3047167	50
WS UT 10	3047361	10
SZS 1,0X4,0	1205066	10
UC-TM 10 (see page 480)		
ZB 10 (see page 489)		

# The modular terminal block system - CLIPLINE complete

## UT universal terminals - Screw connection terminal blocks

### UT... feed-through terminal blocks



For large conductor cross-sections, Phoenix Contact offers screw terminal blocks from 6 to 35 mm<sup>2</sup>. The double bridge shaft not only allows individual chain bridging, but also step down bridging to screw terminal blocks with smaller cross-sections. Potential infeeds and potential distribution can easily be implemented in this way using RB UT... reducing bridges.

#### AGK 4-UT... pick-off terminal blocks

The fully insulated "pick-off terminal block" permits a voltage pick-off up to a nominal voltage of 1000 V (4 mm<sup>2</sup>) on the UT 10, UT 16 and UT 35 terminal blocks. It can be marked with a zack marker strip.

For more technical data, drawings and accessories, visit [www.phoenixcontact.net/eshop](http://www.phoenixcontact.net/eshop).

1) For information on installation for using accessories for Ex e applications, see page 720.

2) The reducing bridge table should be followed, see page 332.



### UT 16 ...



Ex: KEMAR IEC  
KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Dimensions	Width	Length	Height NS 35/7,5	
	12.2	55.5	55	
Max. electrical data	$I_{max}$ [A]	$U_{max}$ [V]	Max. $\varnothing$ [mm <sup>2</sup> ]	AWG
	101	1000	1.5 - 25	16 - 4
Rated data	IEC 60947-7-1			
	IEC	UL / CUL	CSA	IEC/EN 60079-7
Rated voltage	[V]	1000	600	600
Nominal current / cross-section	[A] / [mm <sup>2</sup> ]	76 / 16	85 / -	85 / -
Rated cross-section	[mm <sup>2</sup> ]	16	-	16
Cross-section range	AWG	16 - 4	16-4	16-4
Connection capacity	Solid		Stranded	
	Ferrule			
	without / with plastic sleeve			
One conductor	[mm <sup>2</sup> ]	1.5 - 25	1.5 - 25	1 - 16
Two conductors (of the same type)	[mm <sup>2</sup> ]	1 - 6	1 - 6	1 - 6
Two stranded conductors with a TWIN ferrule	[mm <sup>2</sup> ]			0.75 - 10
General data	Stripping length			
	[mm]	14		
Screw thread				
		M5		
Tightening torque				
	[Nm]	2.5 - 3		
Insulating material				
		PA		
Inflammability class acc. to UL 94				
		V0		

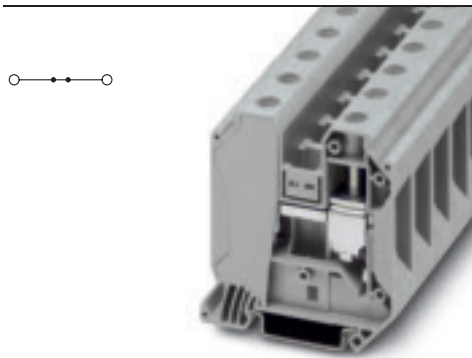
#### Ordering data

Description	No. of pos.	Color	Type	$I_{max}$	Order No.	Pcs. / Pkt.
Terminal block, for mounting on NS 35...		Gray	UT 16		3044199	50
		Blue	UT 16 BU		3044209	50

#### Accessories<sup>1)</sup>

Pick-off terminal block, when wiring the pick-off with a smaller cross-section, observe the overload and short-circuit resistances specified in VDE 0100-430.	Gray	AGK 4-UT 16		3047125	50	
Cover, width 2.2 mm	Gray	D-UT 16		3047206	50	
Plug-in bridge for cross connections in the bridge shaft						
	2	Red	FBS 2-12	76 A	3005950	10
Reducing bridge, for connecting from UT to UT terminals <sup>2)</sup>	2	Red	RB UT 16-(2,5/4)		3047073	10
	2	Red				
Reducing bridge, for connecting from UT to PIT, ST or QTC terminal blocks <sup>2)</sup>						
	2	Red	RB UT 16-ST(2,5/4)		3047099	10
Warning sign for UT series		Yellow	WS UT 16		3047374	10
Screwdriver			SZS 1,0X6,5		1205079	10
UniCard sheet, for labeling the lateral groove			UC-TM 12 (see page 481)			
Zack marker strip, for labeling the lateral groove			ZB 12 (see page 490)			





**UT 35 ...**



Ex: KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Width	Length	Height NS 35/7,5	
<b>16</b>	<b>60.2</b>	<b>65.7</b>	
$I_{max}$ [A]	$U_{max}$ [V]	Max. $\varnothing$ [mm <sup>2</sup> ]	AWG
<b>150</b>	<b>1000</b>	<b>1.5 - 50</b>	<b>16 - 1/0</b>
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	600	690
125 / 35	150 / -	150 / -	126 / 35 // 129 / 50
35	-	-	35
16 - 1/0	14-1/0	14-1/0	16 - 1/0
Solid	Stranded	Ferrule	
		without / with plastic sleeve	
1.5 - 50	1.5 - 50	1.5 - 35	1.5 - 35
1.5 - 16	1.5 - 10	1.5 - 10	-
			1.5 - 10

18  
 M6  
 3.2 - 3.7  
 PA  
 V0

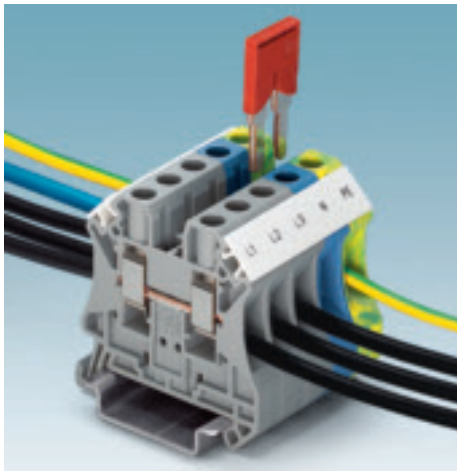
Type	$I_{max}$	Order No.	Pcs. / Pkt.
<b>UT 35</b>		<b>3044225</b>	50
<b>UT 35 BU</b>		<b>3044238</b>	50

<b>AGK 4-UT 35</b>		<b>3047138</b>	50
<b>FBS 2-16</b>	101 A	<b>3005963</b>	10
<b>RB UT 35-(2,5/4)</b>		<b>3047277</b>	10
<b>RB 35-16</b>		<b>3032169</b>	10
<b>RB UT 35-ST(2,5/4)</b>		<b>3047280</b>	10
<b>WS UT 35</b>		<b>3047387</b>	10
<b>SZS 1,0X6,5</b>		<b>1205079</b>	10
<b>UC-TM 16 (see page 481)</b>			
<b>ZB 16 (see page 491)</b>			

# The modular terminal block system - CLIPLINE complete

## UT universal terminals - Screw connection terminal blocks

### UT ...-PE ground terminal blocks



#### PEN function in accordance with IEC from 10 mm<sup>2</sup> rated cross-section

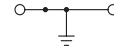
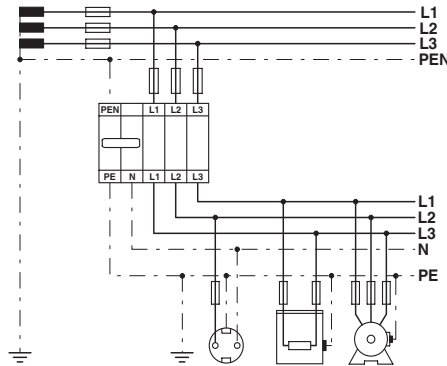
When electrical machine controls installed in a 5-conductor system are connected to the power supply at the site of installation, it is impossible to know in advance whether the connection will involve 4 or 5 conductors.

Larger cross-sections normally have a 4-conductor feed, which must then be converted to a 5-conductor system on the terminal strip. The point at which the PEN conductor is split into the neutral conductor and protective conductor is of particular importance. In the case of UT screw terminal blocks, this separation can be realized very easily and according to the standard using a block that consists of a green/yellow ground terminal block with a metal foot and a blue modular terminal block that is isolated toward the DIN rail. Both terminal blocks are interconnected with a powerful plug-in bridge through which the current of the neutral conductor from the system is led to the PEN conductor. A copper DIN rail is not necessary, since the rail only has a PE function when the input block is used and can therefore be made of steel. Please observe the maximum permissible short-circuit current of the DIN rail for the PE function.

Current carrying capacity of DIN rails, see page 728.

For more technical data, drawings and accessories, visit [www.phoenixcontact.net/eshop](http://www.phoenixcontact.net/eshop).

1) For information on installation for using accessories for Ex e applications, see page 720.



UT 2,5-PE

Ex: KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Dimensions	[mm]
Max. electrical data	

Width	Length	Height NS 35/7,5
5.2	47.7	47.5
		Max. Ø [mm <sup>2</sup> ]
		0.14 - 4
		AWG
		26 - 12

Rated data	
Rated voltage	[V]
Nominal current / cross-section	[A] / [mm <sup>2</sup> ]
Rated cross-section	[mm <sup>2</sup> ]
Cross-section range	AWG
Connection capacity	
One conductor	[mm <sup>2</sup> ]
Two conductors (of the same type)	[mm <sup>2</sup> ]
Two stranded conductors with a TWIN ferrule	[mm <sup>2</sup> ]
General data	
Stripping length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Inflammability class acc. to UL 94	

IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/EN 60079-7
-	-	-	-
- / -	- / -	- / -	- / 2.5
2.5	-	-	2.5
26 - 12	26-12	26-12	26 - 12
Connection capacity		Ferrule	
Solid	Stranded	without / with plastic sleeve	
0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5
0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
			0.5 - 1.5

Ordering data		
Description	No. of pos.	Color
Ground terminal block, for mounting on NS 35...		Green-yellow

Type	Order No.	Pcs. / Pkt.
UT 2,5-PE	3044092	50

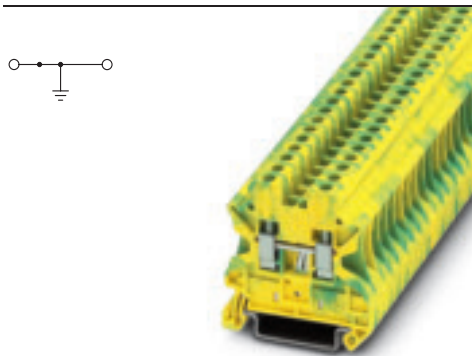
Accessories <sup>1)</sup>		
Pick-off terminal block, for snapping into the lateral guide		Gray
Cover, width 2.2 mm		Gray
Plug-in bridge for cross connections in the bridge shaft		
	2	Red
	3	Red
	4	Red
	5	Red
	10	Red
	20	Red
Partition plate, for visual and electrical separation of terminal groups, 2 mm thick		Gray

D-UT 2,5/10	3047028	50
FBS 2-5	3030161	50
FBS 3-5	3030174	50
FBS 4-5	3030187	50
FBS 5-5	3030190	50
FBS 10-5	3030213	10
FBS 20-5	3030226	10
ATP-UT	3047167	50
PAI-4	3030925	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PS-5	3030983	10
WS UT 2,5	3047923	10
SZS 0,6X3,5	1205053	10
UC-TM 5 (see page 479)		
ZB 5 (see page 487)		

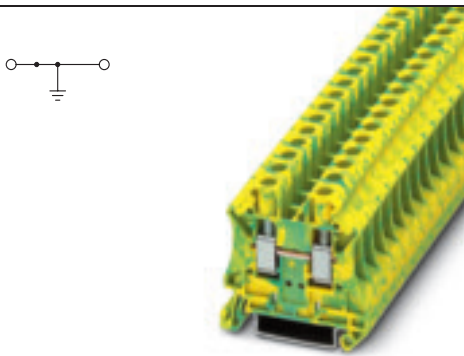
Test adapter, for 4 mm Ø PS test plug and 4 mm safety test plug, makes contact in the bridge shaft		Gray
Test plug, consisting of: metal part for 2.3 mm Ø socket hole and insulating sleeve for MPS metal part		Red
Modular test plug, for the individual assembly of test plug strips		Red
Warning sign for UT series		Yellow
Screwdriver		
UniCard sheet, for labeling the lateral groove		
Zack marker strip, for labeling the lateral groove		

# The modular terminal block system - CLIPLINE complete

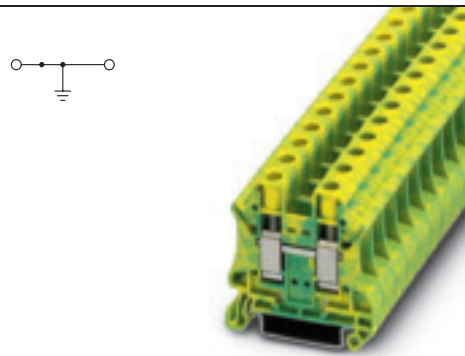
## UT universal terminals - Screw connection terminal blocks



**UT 4-PE**



**UT 6-PE**



**UT 10-PE**



Ex: **KEMA**  
KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Width	Length	Height NS 35/7,5	
<b>6.2</b>	<b>47.7</b>	<b>47.5</b>	
		Max. Ø [mm²]	AWG
		<b>0.14 - 6</b>	<b>26 - 10</b>
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	- / -	- / -	- / 4
4	-	-	4
26 - 10	26-10	26-10	26 - 10
Solid	Stranded	Ferrule without / with plastic sleeve	
0.14 - 6	0.14 - 6	0.14 - 4	0.14 - 4
0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
			0.5 - 2.5
9			
M3			
0.6 - 0.8			
PA			
V0			



Ex: **KEMA**  
KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Width	Length	Height NS 35/7,5	
<b>8.2</b>	<b>47.7</b>	<b>47.5</b>	
		Max. Ø [mm²]	AWG
		<b>0.2 - 10</b>	<b>24 - 8</b>
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	- / -	- / -	- / 6
6	-	-	6
24 - 8	24-8	24-8	24 - 8
Solid	Stranded	Ferrule without / with plastic sleeve	
0.2 - 10	0.2 - 10	0.25 - 6	0.25 - 6
0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
			0.5 - 4
10			
M4			
1.5 - 1.8			
PA			
V0			



Ex: **KEMA**  
KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Width	Length	Height NS 35/7,5	
<b>10.2</b>	<b>47.7</b>	<b>47.5</b>	
		Max. Ø [mm²]	AWG
		<b>0.5 - 16</b>	<b>20 - 6</b>
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
57 / 10	- / -	- / -	- / 10
10	-	-	10
20 - 6	20-6	20-6	20 - 6
Solid	Stranded	Ferrule without / with plastic sleeve	
0.5 - 16	0.5 - 16	0.5 - 10	0.5 - 10
0.5 - 4	0.5 - 4	0.5 - 2.5	-
			0.5 - 6
10			
M4			
1.5 - 1.8			
PA			
V0			

Type	Order No.	Pcs. / Pkt.
<b>UT 4-PE</b>	<b>3044128</b>	<b>50</b>

Type	Order No.	Pcs. / Pkt.
<b>UT 6-PE</b>	<b>3044157</b>	<b>50</b>

Type	I <sub>max</sub>	Order No.	Pcs. / Pkt.
<b>UT 10-PE</b>		<b>3044173</b>	<b>50</b>

<b>D-UT 2,5/10</b>	<b>3047028</b>	<b>50</b>
<b>FBS 2-6</b>	<b>3030336</b>	<b>50</b>
<b>FBS 3-6</b>	<b>3030242</b>	<b>50</b>
<b>FBS 4-6</b>	<b>3030255</b>	<b>50</b>
<b>FBS 5-6</b>	<b>3030349</b>	<b>50</b>
<b>FBS 10-6</b>	<b>3030271</b>	<b>10</b>
<b>FBS 20-6</b>	<b>3030365</b>	<b>10</b>
<b>ATP-UT</b>	<b>3047167</b>	<b>50</b>
<b>PAI-4</b>	<b>3030925</b>	<b>10</b>
<b>MPS-MT</b>	<b>0201744</b>	<b>10</b>
<b>MPS-IH RD</b>	<b>0201676</b>	<b>10</b>
<b>PS-6</b>	<b>3030996</b>	<b>10</b>
<b>WS UT 4</b>	<b>3047332</b>	<b>10</b>
<b>SZS 0,6X3,5</b>	<b>1205053</b>	<b>10</b>
<b>UC-TM 6 (see page 479)</b>		
<b>ZB 6 (see page 487)</b>		

<b>D-UT 2,5/10</b>	<b>3047028</b>	<b>50</b>
<b>FBS 2-8</b>	<b>3030284</b>	<b>10</b>
<b>FBS 3-8</b>	<b>3030297</b>	<b>10</b>
<b>FBS 4-8</b>	<b>3030307</b>	<b>10</b>
<b>FBS 5-8</b>	<b>3030310</b>	<b>10</b>
<b>FBS 10-8</b>	<b>3030323</b>	<b>10</b>
<b>ATP-UT</b>	<b>3047167</b>	<b>50</b>
<b>PAI-4</b>	<b>3030925</b>	<b>10</b>
<b>PS-8</b>	<b>3031005</b>	<b>10</b>
<b>WS UT 6</b>	<b>3047345</b>	<b>10</b>
<b>SZS 1,0X4,0</b>	<b>1205066</b>	<b>10</b>
<b>UC-TM 8 (see page 479)</b>		
<b>ZB 8 (see page 489)</b>		

<b>AGK 4-UT 10</b>		<b>3047112</b>	<b>50</b>
<b>D-UT 2,5/10</b>		<b>3047028</b>	<b>50</b>
<b>FBS 2-10</b>	<b>57 A</b>	<b>3005947</b>	<b>10</b>
<b>ATP-UT</b>		<b>3047167</b>	<b>50</b>
<b>WS UT 10</b>		<b>3047361</b>	<b>10</b>
<b>SZS 1,0X4,0</b>		<b>1205066</b>	<b>10</b>
<b>UC-TM 10 (see page 480)</b>			
<b>ZB 10 (see page 489)</b>			

# The modular terminal block system - CLIPLINE complete

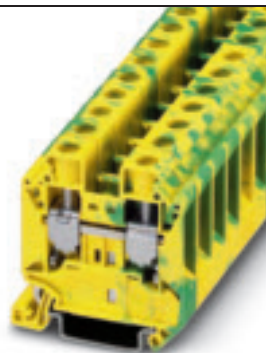
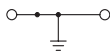
## UT universal terminals - Screw connection terminal blocks

### UT...-PE ground terminal blocks

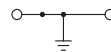
Current carrying capacity of DIN rails, see page 728.

For more technical data, drawings and accessories, visit [www.phoenixcontact.net/eshop](http://www.phoenixcontact.net/eshop).

1) For information on installation for using accessories for Ex e applications, see page 720.



UT 16-PE



UT 35-PE



Ex:

KEMA 04ATEX2048 U / IECEx KEM 06.0027U



Ex:

KEMA 04ATEX2048 U / IECEx KEM 06.0027U

<b>Dimensions</b>		Width	Length	Height NS 35/7,5
	[mm]	12.2	55.5	55
<b>Max. electrical data</b>		$I_{max}$ [A]		Max. Ø [mm <sup>2</sup> ] AWG
		101		1.5 - 25 16 - 4
<b>Rated data</b>		IEC 60947-7-2		
		IEC	UL / CUL	CSA IEC/EN 60079-7
Rated voltage	[V]	-	-	-
Nominal current / cross-section	[A] / [mm <sup>2</sup> ]	76 / 16	- / -	- / - 16
Rated cross-section	[mm <sup>2</sup> ]	16	-	16
Cross-section range	AWG	16 - 4	16-4	16-4 16 - 4
<b>Connection capacity</b>		Solid	Stranded	Ferrule without / with plastic sleeve
One conductor	[mm <sup>2</sup> ]	1.5 - 25	1.5 - 25	1 - 16 1 - 16
Two conductors (of the same type)	[mm <sup>2</sup> ]	1 - 6	1 - 6	1 - 6 -
Two stranded conductors with a TWIN ferrule	[mm <sup>2</sup> ]			0.75 - 10
<b>General data</b>				
Stripping length	[mm]	14		
Screw thread		M5		
Tightening torque	[Nm]	2.5 - 3		
Insulating material		PA		
Inflammability class acc. to UL 94		V0		

<b>Dimensions</b>		Width	Length	Height NS 35/7,5
	[mm]	16	60.2	65.7
<b>Max. electrical data</b>		$I_{max}$ [A]		Max. Ø [mm <sup>2</sup> ] AWG
		125		1.5 - 35 16 - 2
<b>Rated data</b>		IEC 60947-7-2		
		IEC	UL / CUL	CSA IEC/EN 60079-7
Rated voltage	[V]	-	-	-
Nominal current / cross-section	[A] / [mm <sup>2</sup> ]	125 / 35	- / -	- / - 35
Rated cross-section	[mm <sup>2</sup> ]	35	-	35
Cross-section range	AWG	16 - 2	14-2	14-1/0 16 - 2
<b>Connection capacity</b>		Solid	Stranded	Ferrule without / with plastic sleeve
One conductor	[mm <sup>2</sup> ]	1.5 - 35	1.5 - 35	1.5 - 35 1.5 - 35
Two conductors (of the same type)	[mm <sup>2</sup> ]	1.5 - 16	1.5 - 10	1.5 - 10 -
Two stranded conductors with a TWIN ferrule	[mm <sup>2</sup> ]			1.5 - 10 1.5 - 10
<b>General data</b>				
Stripping length	[mm]	18		
Screw thread		M6		
Tightening torque	[Nm]	3.2 - 3.7		
Insulating material		PA		
Inflammability class acc. to UL 94		V0		

### Ordering data

Description	No. of pos.	Color
Ground terminal block, for mounting on NS 35...		Green-yellow

Type	$I_{max}$	Order No.	Pcs. / Pkt.
UT 16-PE		3044212	50

Type	$I_{max}$	Order No.	Pcs. / Pkt.
UT 35-PE		3044241	50

### Accessories<sup>1)</sup>

<b>Pick-off terminal block</b> , when wiring the pick-off with a smaller cross-section, observe the overload and short-circuit resistances specified in VDE 0100-430.	Gray
<b>Cover</b> , width 2.2 mm	Gray
<b>Plug-in bridge</b> for cross connections in the bridge shaft	
	2 Red
<b>Warning sign</b> for UT series	Yellow
<b>Screwdriver</b>	
<b>UniCard sheet, UniCard sheet</b> , for labeling the lateral groove	
<b>Zack marker strip</b> , for labeling the lateral groove	

<b>AGK 4-UT 16</b>	3047125	50
<b>D-UT 16</b>	3047206	50
<b>FBS 2-12</b>	76 A 3005950	10
<b>WS UT 16</b>	3047374	10
<b>SZS 1,0X6,5</b>	1205079	10
<b>UC-TM 12</b> (see page 481)		
<b>ZB 12</b> (see page 490)		

<b>AGK 4-UT 35</b>	3047138	50
<b>FBS 2-16</b>	101 A 3005963	10
<b>WS UT 35</b>	3047387	10
<b>SZS 1,0X6,5</b>	1205079	10
<b>UC-TM 16</b> (see page 481)		
<b>ZB 16</b> (see page 491)		

## USLKG ... ground terminal blocks

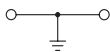
This terminal block series not only fulfills the strict requirements made for ground terminal blocks, but actually surpasses them.

Current carrying capacity of DIN rails, see page 728.

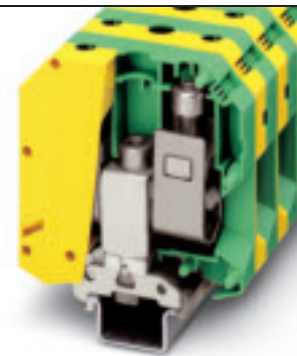
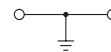
For more technical data, drawings and accessories, visit [www.phoenixcontact.net/eshop](http://www.phoenixcontact.net/eshop).

1) For information on installation for using accessories for Ex e applications, see page 720.

2) See page 326.



USLKG 50



USLKG 95



Ex: KEMA 99ATEX4487U / IECEx KEM 06.0035U

Dimensions	Width	Length	Height NS 35/15	
	20	70.5	83.5	
Dimensions	Width	Length	Height NS 32	
	20	70.5	81.5	
Max. electrical data	$I_{max}$ [A]	Max. Ø [mm <sup>2</sup> ]		AWG
	150	16 - 70		6 - 1/0
Rated data	IEC 60947-7-2			
	IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	-	-	-
Nominal current / cross-section	[A] / [mm <sup>2</sup> ]	150 / 50	- / -	- / 50
Rated cross-section	[mm <sup>2</sup> ]	50	-	50
Cross-section range	AWG	6 - 1/0	6-1/0	6 - 1/0
Connection capacity	Solid	Stranded	Ferrule without / with plastic sleeve	
One conductor	[mm <sup>2</sup> ]	16 - 70	25 - 70	25 - 50
Two conductors (of the same type)	[mm <sup>2</sup> ]	10 - 16	10 - 16	-
Two stranded conductors with a TWIN ferrule	[mm <sup>2</sup> ]			
General data	Stripping length	[mm]	24	
Screw thread			M6	
Tightening torque	[Nm]		6 - 8	
Insulating material			PA	
Inflammability class acc. to UL 94			V0	



Ex: KEMA 99ATEX4487U / IECEx KEM 06.0035U

Dimensions	Width	Length	Height NS 35/15	
	25	83	99	
Dimensions	Width	Length	Height NS 32	
	25	83	96.5	
Max. electrical data	$I_{max}$ [A]	Max. Ø [mm <sup>2</sup> ]		AWG
	232	25 - 95		4 - 3/0
Rated data	IEC 60947-7-2			
	IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	-	-	-
Nominal current / cross-section	[A] / [mm <sup>2</sup> ]	232 / 95	- / -	- / 95
Rated cross-section	[mm <sup>2</sup> ]	95	-	95
Cross-section range	AWG	4 - 3/0	2-4/0	2-4/0
Connection capacity	Solid	Stranded	Ferrule without / with plastic sleeve	
One conductor	[mm <sup>2</sup> ]	25 - 95	35 - 95	35 - 95
Two conductors (of the same type)	[mm <sup>2</sup> ]	25 - 35	25 - 35	16 - 35
Two stranded conductors with a TWIN ferrule	[mm <sup>2</sup> ]			
General data	Stripping length	[mm]	30	
Screw thread			M8	
Tightening torque	[Nm]		15 - 20	
Insulating material			PA	
Inflammability class acc. to UL 94			V2	

### Ordering data

Description	Color
Ground terminal block, with green-yellow insulating housing, for mounting on NS 32, NS 35/15-2,3 or NS 35/15	Green-yellow

Type	Order No.	Pcs. / Pkt.
USLKG 50	0443049	10

Type	Order No.	Pcs. / Pkt.
USLKG 95	0441041	10

### Accessories<sup>1)</sup>

Insertion profile, levels out the prism-shaped sleeve when using flat-ribbon conductors <sup>2)</sup>	Silver
Screwdriver	
Allen wrench, fully insulated, in accordance with EN 60900	
UniCard sheet, for labeling the lateral groove	
Zack marker strip, for labeling the lateral groove	

UKH 50 EP	3009228	10
SZS 1,2X8,0	1205082	10
UC-TM 10 (see page 480)		
ZB 10 (see page 489)		

UKH 95 EP	3009231	10
VDE-ISS 6	1201934	1
UC-TM 10 (see page 480)		
ZB 10 (see page 489)		