

Modular terminal blocks - CLIPLINE complete

UT screw connection terminal blocks

UT ... feed-through terminal blocks



The UT screw terminal block series is characterized by the system features of the CLIPLINE complete system and the following features:

- Space savings thanks to compact design
- Convenient wiring in a confined space
- The large connection space enables rigid and flexible conductors to be connected without a ferrule, even if greater than the nominal cross section
- The cable entry funnel enables conductors to be used with ferrules and plastic collars within the nominal cross section
- The multi-conductor connection offers maximum flexibility and wiring density
- Optimum guidance of screwdriver through closed screw shafts
- For corresponding **torque screwdrivers**, see Catalog 5

Terminal strip service

We produce fully pre-assembled terminal strips for fitting straight into the control cabinet or switch system. This simplifies installation, saves time, and cuts costs.



Notes:

- 1) For installation notes on the use of accessories for Ex e applications, see page 710.
- 2) The reducing bridge table should be followed, see page 476.



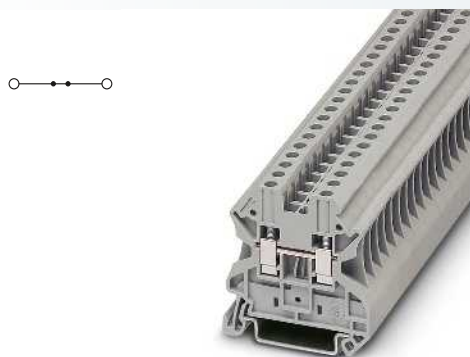
2.5 (4) mm², 32 A, feed-through terminal block



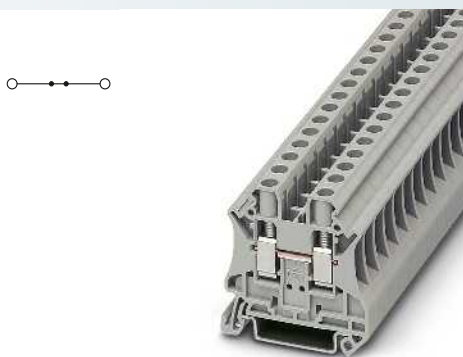
Ex: Ex
KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data

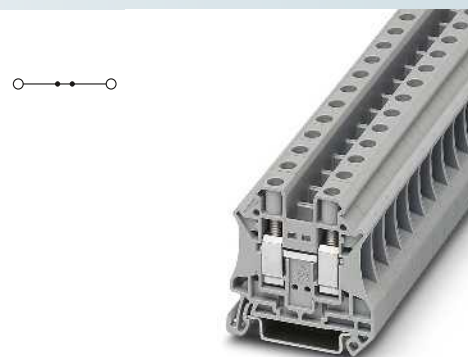
Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	5.2	47.7	47.5	
Max. electrical data		I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]	AWG
		32	1000	0.14 - 4	26 - 12
		IEC 60947-7-1			
Rated data		IEC	UL/CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	1000	600	600	690
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	22 / 2.5 // 28 / 4
Rated cross section	[mm²]	2.5	-	-	2.5
Cross section range	AWG	26 - 12	26-12	26-12	26 - 12
Connection capacity		solid	stranded	Ferrule	
				Without / with plastic sleeve	
1 conductor	[mm²]	0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5
Two conductors (of the same type)	[mm²]	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
Two stranded conductors with a TWIN ferrule	[mm²]				0.5 - 1.5
General data					
Stripping length	[mm]	9			
Screw thread		M3			
Tightening torque	[Nm]	0.5 - 0.6			
Insulating material		PA			
Inflammability class according to UL 94		V0			



4 (6) mm², 41 A, feed-through terminal block



6 (10) mm², 57 A, feed-through terminal block



10 (16) mm², 76 A, feed-through terminal block



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Technical data			
Width	Length	Height NS 35/7,5	
6.2	47.7	47.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	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			

Technical data			
Width	Length	Height NS 35/7,5	
8.2	47.7	47.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	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			

Technical data			
Width	Length	Height NS 35/7,5	
10.2	47.7	47.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	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			

Ordering data			
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

Ordering data			
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

Ordering data			
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

Accessories ¹⁾			
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-N GY		3032871	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
PS-6		3030996	10
WS UT 4		3047332	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

Accessories ¹⁾			
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-N GY		3032871	10
PS-8		3031005	10
WS UT 6		3047345	10
SZS 1,0X4,0 VDE		1205066	10

Accessories ¹⁾			
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 VDE		1205066	10

UC-TM 6, UCT-TM 6 or ZB 6
(see Catalog 5)

UC-TM 8, UCT-TM 8 or ZB 8
(see Catalog 5)

UC-TM 10, UCT-TM 10 or ZB 10
(see Catalog 5)

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UT screw connection terminal blocks

UT ... feed-through terminal blocks

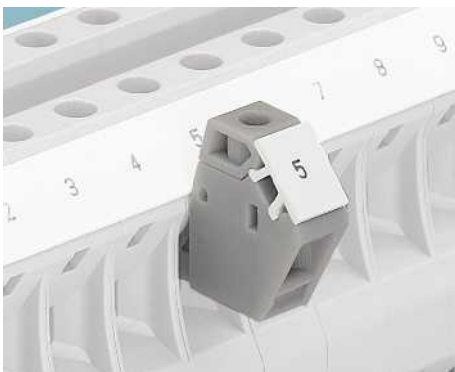


The continuous dual function shaft enables the standard bridge and test function as well as:

- The simple and time-saving potential in-feed and distribution of large currents and cross sections up to 35 mm² with reducing bridges
- The reducing bridges can be used to connect terminal blocks with different connection technologies, e.g., UT 35 screw terminal block to PT 2,5 push-in terminal blocks, in order to form power blocks
- The flexible options for reducing bridging in the CLIPLINE complete system can be found in the “Accessories” section

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

- The fully insulated pick-off terminal block (optional use) permits a voltage pick-off up to a nominal voltage of 1000 V (4 mm²)
- Large area for labeling



Notes:

- 1) For installation notes on the use of accessories for Ex e applications, see page 710.
- 2) The reducing bridge table should be followed, see page 476.



16 (25) mm², 101 A, feed-through terminal block



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

Technical data

Dimensions		Width		Length		Height NS 35/7,5	
		12.2		55.5		55	
Max. electrical data		I _{max} [A]		U _{max} [V]		max. Ø [mm ²]	
		101		1000		1.5 - 25	
		IEC 60947-7-1				AWG	
						16 - 4	
Rated data		IEC		UL/CUL		CSA	
						IEC/ EN 60079-7	
Rated voltage [V]		1000		600		600	
Nominal current / cross section [A] / [mm ²]		76 / 16		85 / -		85 / -	
						73.5 / 16 //	
						89.5 / 25	
Rated cross section [mm ²]		16		-		-	
Cross section range AWG		16 - 4		16-4		16-4	
Connection capacity		solid		stranded		Ferrule	
						Without / with plastic sleeve	
1 conductor [mm ²]		1.5 - 25		1.5 - 25		1 - 16	
Two conductors (of the same type) [mm ²]		1 - 6		1 - 6		1 - 16	
Two stranded conductors with a TWIN ferrule [mm ²]						0.75 - 10	
General data		Stripping length [mm]		14			
		Screw thread		M5			
		Tightening torque [Nm]		2.5 - 3			
		Insulating material		PA			
		Inflammability class according to UL 94		V0			

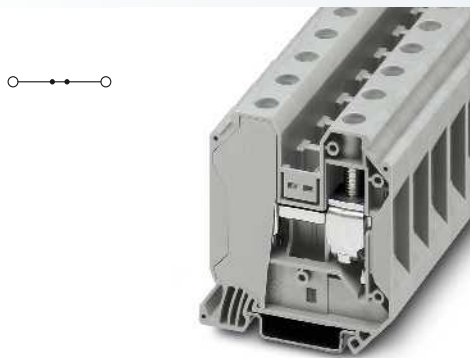
Ordering data

Description	No. of pos.	Color	Type	I _{max}	Order No.	Pcs. / Pkt.
Terminal block, for mounting on NS 35...		gray/blue	UT 16		3044199	50
			UT 16 BU		3044209	50

Accessories¹⁾

Pick-off terminal block, for snapping into the lateral guide		gray	AGK 4-UT 16		3047125	50
Cover, width 2.2 mm		gray	D-UT 16		3047206	50
Plug-in bridge	2	red	FBS 2-12	76 A	3005950	10
Reducing bridge ²⁾	2	red	RB UT 16-(2,5/4)		3047073	10
Reducing bridge ²⁾	2	red				
	2	red	RB UT 16-ST(2,5/4)		3047099	10
	2	red	WS UT 16		3047374	10
Warning label, for UT series		yellow	SZS 1,0X6,5 VDE		1205079	10
Screwdriver						
Lateral groove labeling						

UC-TM 12, UCT-TM 12 or ZB 12
(see Catalog 5)



35 (50) mm², 150 A, feed-through terminal block



Ex: KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data

Width	Length	Height NS 35/7,5	
16	60.2	65.7	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG
150	1000	1.5 - 50	16 - 1/0
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 - 16

18
M6
3.2 - 3.7
PA
V0

Ordering data

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

Accessories¹⁾

AGK 4-UT 35		3047138	50
FBS 2-16	101 A	3005963	10
RB UT 35-(2,5/4)		3047277	10
RB 35-16		3032169	10
RB UT 35-ST(2,5/4)		3047280	10
WS UT 35		3047387	10
SZS 1,0X6,5 VDE		1205079	10

UC-TM 16, UCT-TM 16 or ZB 16,3
(see Catalog 5)

