

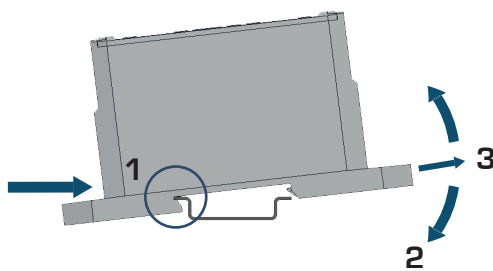
## Product Data Sheet:

Type	EAN code	Un	In (Al)	In (Cu)	Al/Cu	Torque Al/Cu	Key size	Mounting	Weight
	6419410...	[V]	[A]	[A]	mm <sup>2</sup>	[Nm]			kg
KL1x150	...378373	1000	250	320	25 - 150	12 (25 - 50 mm <sup>2</sup> ) /	Hex 6	Screw / DIN	0.181
KL1x150N	...378380					22 (70 - 95 mm <sup>2</sup> ) /			
KL1x150PE	...378397					38 (120 - 150 mm <sup>2</sup> )			
KL1x240	...378434	1000	315	425	35 - 240	25 (35 - 120 mm <sup>2</sup> )	Hex 8	Screw / DIN	0.293
KL1x240N	...378441					/			
KL1x240PE	...378458					55 (150 - 240 mm <sup>2</sup> )			

- = Grey, N = Blue, PE = Yellow/Green

## Installation:

### DIN-rail and screw mounting

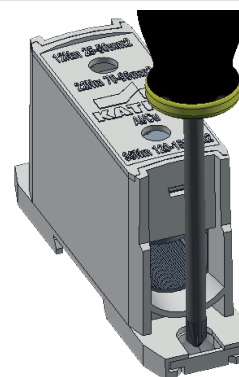


### DIN-rail mounting

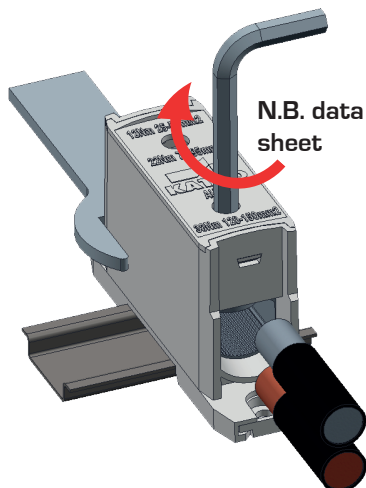
- 1) Set the terminal block to DIN-rail by pushing it according to arrow
- 2) Lock the terminal block to DIN-rail by pushing it according to arrow
- 3) Release the lock by pulling according to arrow while simultaneously lifting the terminal block

### Screw mounting

Use max. Ø 5mm screw.



## Connection:



The KL Terminal Blocks are suitable for both Al and Cu conductors. When connecting Al conductors, it is recommended to brush the conductor and to use joint lubricant (for example Penetrox A-13) in order to prevent oxidization.

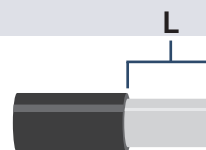
It is recommended to use end sleeves with fine-strand conductors.

Sector-shaped conductors must be shaped round prior to connection.

When using the terminal block to connect neutral or protective conductor of panel board, each cable's (incoming and outgoing) protective and neutral conductor must have its own terminal block.

### Stripping length L:

1x150 = 29 mm  
1x240 = 35 mm



## Conductors: Cross section (mm<sup>2</sup>) / number of conductors simultaneously connectable to the terminal

Type	In	Torque	Conductor	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240
	[A]	[Nm]															
1x150*	250	12Nm (25-50mm <sup>2</sup> ) / 22Nm (70-95mm <sup>2</sup> ) / 38Nm (120-150mm <sup>2</sup> )	Al	-	-	-	-	-	1	1	1	1	1	1	1	-	-
	320		Cu	-	-	-	-	-	3	3	2	1	1	1**	1	-	-
1x240*	315	25Nm (35-120mm <sup>2</sup> ) / 55Nm (150-240mm <sup>2</sup> )	Al	-	-	-	-	-	-	1	1	1	1	1	1	1	1
	425		Cu	-	-	-	-	-	-	3	3	2	1	1	1	1**	1

\* N = Blue = only for 1 neutral conductor, \* PE = Yellow/Green = only for 1 protective conductor, \*\* Biggest fine-strand conductors