

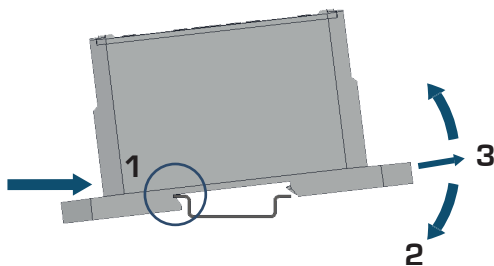
## Product Data Sheet:

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]			
KL2x150	...378403	1000	500	640	25 - 150	12 (25 - 50 mm <sup>2</sup> ) /	Hex 6	Ruuvi / DIN	0.317
KL2x150N	...378410					22 (70 - 95 mm <sup>2</sup> ) /			
KL2x150PE	...378427					38 (120 - 150 mm <sup>2</sup> )			
KL2x240	...378465	1000	630	850	35 - 240	25 (35 - 120 mm <sup>2</sup> )	Hex 8	Ruuvi / DIN	0.522
KL2x240N	...378472					/			
KL2x240PE	...378489					55 (150 - 240 mm <sup>2</sup> )			

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

## Installation:

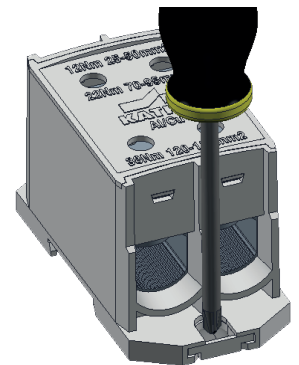
### DIN-rail and screw mounting



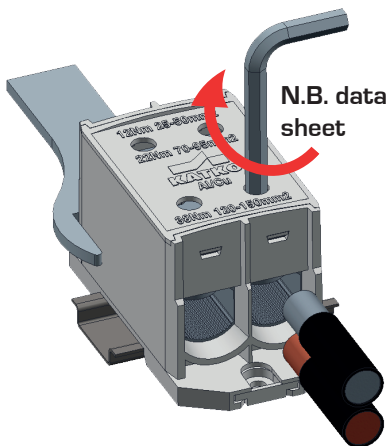
### DIN-rail mounting

- 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.

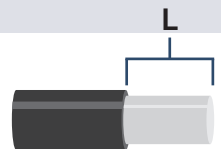
It is recommended to use end sleeves with fine-strand conductors.

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 it's own terminal block.

### Stripping length L:

2x150 = 29 mm  
2x240 = 35 mm



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

Type	In [A]	Torque [Nm]	Conductor	Number of conductors simultaneously connectable to the terminal															
				2,5	4	6	10	16	25	35	50	70	95	120	150	185	240		
2x150*	500	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	-	-	
	640		Cu	-	-	-	-	-	-	3	3	2	1	1	1**	1	-	-	
2x240*	630	25Nm (35-120mm <sup>2</sup> ) / 55Nm (150-240mm <sup>2</sup> )	Al	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	
	850		Cu	-	-	-	-	-	-	3	3	2	1	1	1	1	1**	1	

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