

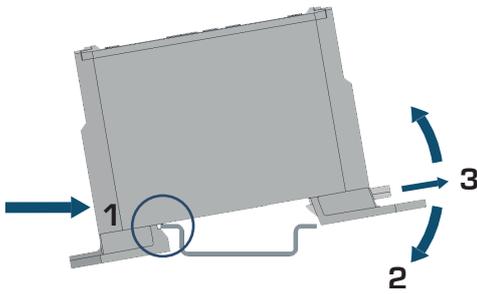
Product Data Sheet:

Type	EAN code	Un [V]	In (Al) [A]	In (Cu) [A]	Al/Cu mm ²	Torque Al/Cu [Nm]	Key size	Mounting	Weight
	6419410...								kg
KL2x50	...378281	1000	160	320	2.5 - 50	5 (2.5 - 10 mm ²)	Hex 5	Screw / DIN	0.104
KL2x50N	...378298					/			
KL2x50PE	...378304					10 (16 - 50 mm ²)			
KL2x95	...378342	1000	400	490	16 - 95	12 (16 - 50 mm ²)	Hex 6	Screw / DIN	0.169
KL2x95N	...378359					/			
KL2x95PE	...378366					22 (70 - 95 mm ²)			

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

Installation:

DIN-rail and screw mounting



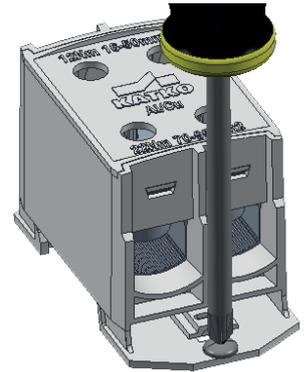
DIN-rail mounting

- 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

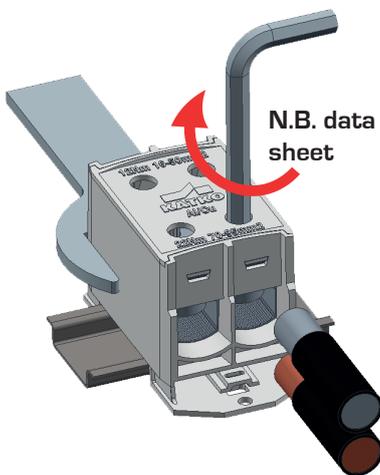
Release

- 3) Release the lock by pulling according to arrow while simultaneously lifting the terminal block

Screw mounting
Use max. Ø 4mm 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.

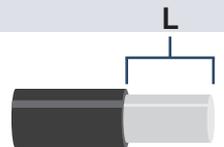
It is recommended to use end sleeves with fine-strand conductors.

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:

2x50 = 19 mm
2x95 = 22 mm



Conductors: Cross section (mm²) / 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		
2x50*	160	5Nm (2,5-10mm ²) / 10Nm (16-50mm ²)	Al	1	1	1	1	1	1	1	1	-	-	-	-	-	-		
	320		Cu	3	3	3	3	2	1	1**	1	-	-	-	-	-	-		
2x95*	400	12Nm (16-50mm ²) / 22Nm (70-95mm ²)	Al	-	-	-	-	1	1	1	1	1	1	-	-	-	-		
	490		Cu	-	-	-	-	3	2	2	1	1**	1	-	-	-	-		

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