

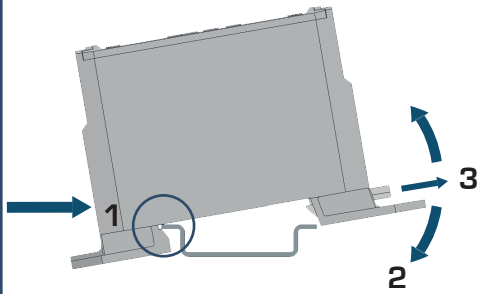
Product Data Sheet:

Type	EAN code	Un	In (Al)	In (Cu)	Al/Cu	Torque Al/Cu	Key size	Mounting	Weight
	6419410...	(V)	(A)	(A)	mm ²	(Nm)			
KL1x50	...378250					5 (2.5 - 10 mm ²)			
KL1x50N	...378267	1000	160	160	2.5 - 50	/	Hex 5	Screw / DIN	0.060
KL1x50PE	...378274					10 (16 - 50 mm ²)			
KL1x95	...378311					12 (16 - 50 mm ²)			
KL1x95N	...378328	1000	200	245	16 - 95	/	Hex 6	Screw / DIN	0.096
KL1x95PE	...378335					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

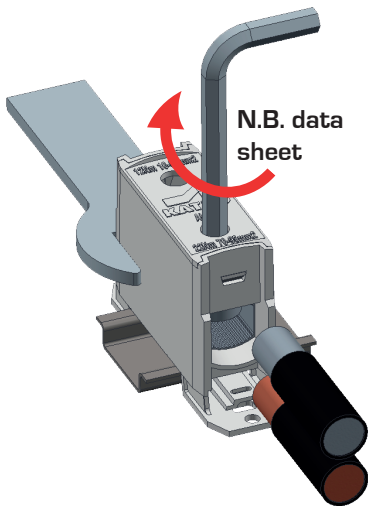
Release

- 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.

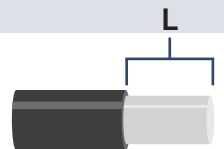
It is recommended to use end sleeves with fine-strand conductors.

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 its own terminal block.

Stripping length L:

1x50 = 19 mm
1x95 = 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		
1x50*	160	5Nm (2,5-10mm ²) / 10Nm (16-50mm ²)	Al	1	1	1	1	1	1	1	1	-	-	-	-	-	-		
			Cu	3	3	3	3	2	1	1**	1	-	-	-	-	-	-		
1x95*	200 / 245	12Nm (16-50mm ²) / 22Nm (70-95mm ²)	Al	-	-	-	-	1	1	1	1	1	1	-	-	-	-		
			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