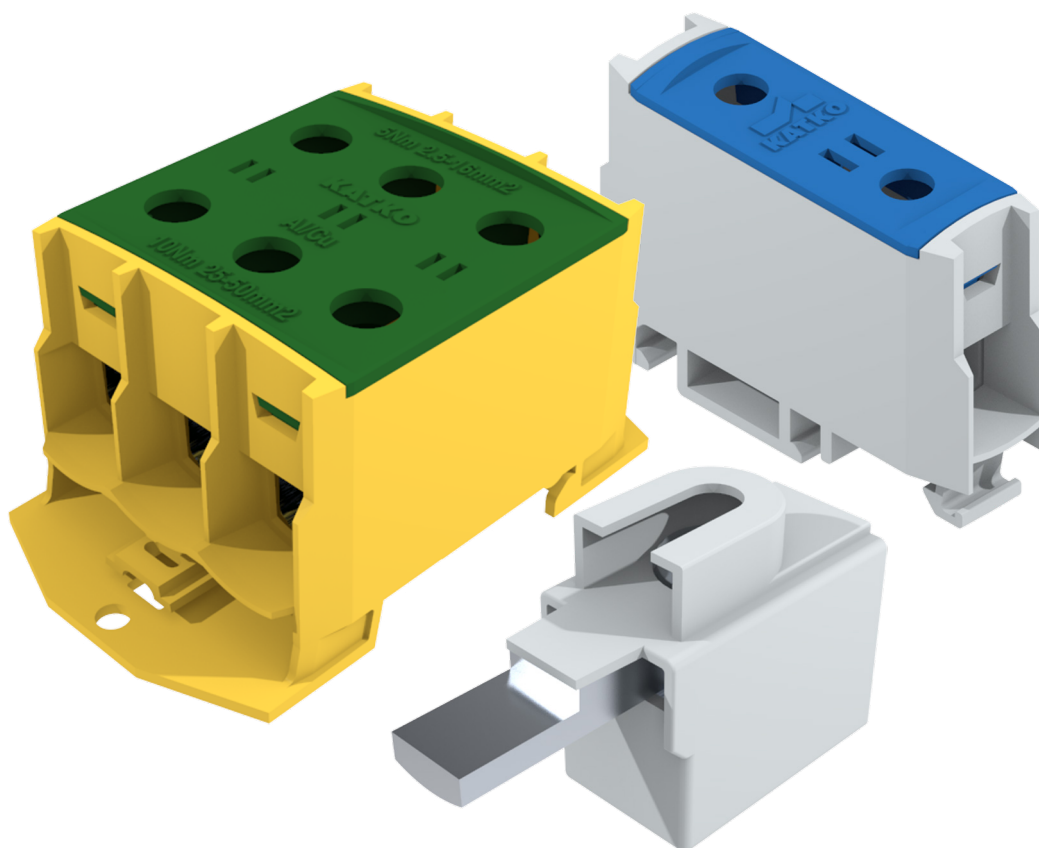


TERMINAL BLOCKS & CONNECTORS

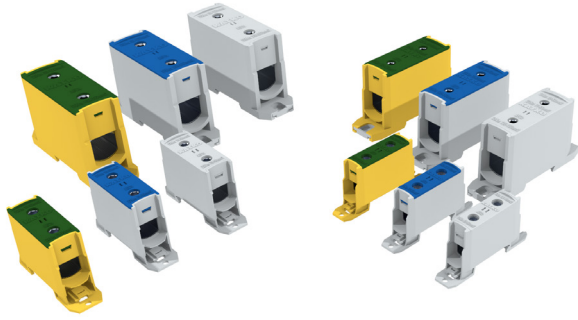
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Extensive selection of KATKO terminal blocks and connectors suitable for both aluminium and copper cables.
Easy to install directly onto a DIN rail or with screws.

KC & KL TERMINAL BLOCKS



- Certified according to IEC 61238-1 Class A
- Sale unit = 1 pc
- KL terminal blocks compatible with markers, see page 8 for example
- For Al/Cu cables: 1.5 - 300 mm²
- Available in grey, blue (N) and yellow/green (PE)
- Available as 1-pole connector (1x) and 1-pole branching connector (2x)
- 50 and 95 mm² connectors also available as 1-pole branching connector (3x) and 3-pole connector (3x1x)
- Touchproof, IP20
- Terminal material tin-coated, greased aluminium
- KL 1x16 & KC-terminals 16 - 35 mm² for DIN-rail mounting
- KL-terminals 50 - 300 mm² for DIN-rail or base mounting
- Environmentally friendly materials
- Durable laser markings
- **UL certified terminal blocks available, see UL section of this catalogue**

Type	Un (V)	In (Al) (A)	In (Cu) (A)	Al/Cu mm ²	Torque Al/Cu (Nm)	No of conductors	Key size	Mounting	EAN code 6419410...	Weight kg	Package size PCS
KC 1x16	800	-	63	1.5-16*	1.8	2	PZ2	DIN	...357200	0,021	100
KC 1x16N									...357217		
KC 1x16PE									...357224		
KC 2x16	800	-	125	1.5-16*	1.8	4	PZ2	DIN	...357507	0,047	50
KC 2x16N									...357514		
KC 2x16PE									...357521		
KC 1x35	800	-	135	2.5-35*	2.5	2	PZ2	DIN	...357231	0,03	84
KC 1x35N									...357248		
KC 1x35PE									...357255		
KC 2x35	800	-	270	2.5-35*	2.5	4	PZ2	DIN	...357538	0,069	42
KC 2x35N									...357545		
KC 2x35PE									...357552		
KL1x16	1000	75	76	1.5 - 16	5	2	Hex 4	DIN	...484364	0,022	60
KL1x16N									...484371		
KL1x16PE									...484562		
KL1x50	1000	160	160	2.5 - 50	5 (2.5 - 16 mm ²)	2	Hex 5	Screw / DIN	...378250	0,060	32
KL1x50N					10 (25 - 50 mm ²)				...378267		
KL1x50PE					10 (25 - 50 mm ²)				...378274		
KL2x50	1000	200	320	2.5 - 50	5 (2.5 - 16 mm ²)	4	Hex 5	Screw / DIN	...378281	0,104	18
KL2x50N					10 (25 - 50 mm ²)				...378298		
KL2x50PE					10 (25 - 50 mm ²)				...378304		
KL3x50	1000	160	160	2.5 - 50	5 (2,5 - 16 mm2)	6	Hex 5	Screw / DIN	...205587	0,098	10
KL3x50N					10 (25 - 50 mm2)				...205594		
KL3x50PE					10 (25 - 50 mm2)				...205600		
KL3x1x50	1000	160	160	2.5 - 50	5 (2,5 - 16 mm2)	6	Hex 5	Screw / DIN	...205617	0,098	10
KL3x1x50N					10 (25 - 50 mm2)				...205624		
KL3x1x50PE					10 (25 - 50 mm2)				...205631		
KL1x95	1000	200	245	16 - 95	12 (16 - 50 mm ²)	2	Hex 6	Screw / DIN	...378311	0,096	22
KL1x95N					22 (70 - 95 mm ²)				...378328		
KL1x95PE					22 (70 - 95 mm ²)				...378335		
KL2x95	1000	400	490	16 - 95	12 (16 - 50 mm ²)	4	Hex 6	Screw / DIN	...378342	0,169	12
KL2x95N					22 (70 - 95 mm ²)				...378359		
KL2x95PE					22 (70 - 95 mm ²)				...378366		
KL3x95	1000	200	245	16 - 95	12 (16 - 50 mm2)	6	Hex 6	Screw / DIN	...205648	0,202	6
KL3x95N					22 (70 - 95 mm2)				...205655		
KL3x95PE					22 (70 - 95 mm2)				...205662		
KL3x1x95	1000	200	245	16 - 95	12 (16 - 50 mm2)	6	Hex 6	Screw / DIN	...205679	0,202	6
KL3x1x95N					22 (70 - 95 mm2)				...205686		
KL3x1x95PE					22 (70 - 95 mm2)				...205693		
KL1x150	1000	250	320	25 - 150	12 (25 - 50 mm ²)	2	Hex 6	Screw / DIN	...378373	0,181	18
KL1x150N					22 (70 - 95 mm ²)				...378380		
KL1x150PE					38 (120 - 150 mm ²)				...378397		
KL2x150	1000	500	640	25 - 150	12 (25 - 50 mm ²)	4	Hex 6	Screw / DIN	...378403	0,317	10
KL2x150N					22 (70 - 95 mm ²)				...378410		
KL2x150PE					38 (120 - 150 mm ²)				...378427		
KL1x240	1000	315	425	35 - 240	25 (35 - 120 mm ²)	2	Hex 8	Screw / DIN	...378434	0,293	14
KL1x240N					55 (150 - 240 mm ²)				...378441		
KL1x240PE					55 (150 - 240 mm ²)				...378458		
KL2x240	1000	630	850	35 - 240	25 (35 - 120 mm ²)	4	Hex 8	Screw / DIN	...378465	0,522	8
KL2x240N					55 (150 - 240 mm ²)				...378472		
KL2x240PE					55 (150 - 240 mm ²)				...378489		
KL1x300	1000	400	520	95 - 300	45 (95-120 mm2)	2	Hex 12	Screw / DIN	...484388	0,491	12
KL1x300N					75 (150-300 mm2)				...484395		
KL1x300PE					75 (150-300 mm2)				...378816		
KL2x300	1000	800	1040	95 - 300	45 (95-120 mm2)	4	Hex 12	Screw / DIN	...484401	0,901	6
KL2x300N					75 (150-300 mm2)				...484418		
KL2x300PE					75 (150-300 mm2)				...378823		

* Cu only

POLYCARBONATE AND STAINLESS STEEL ENCLOSED TERMINAL BLOCKS



- For:
 - Cu cables 1.5 - 240 mm²
 - Al cables 2.5 - 240 mm²
- Terminal material: tin-coated aluminium
- IP66: U3, U4, H32, H02; IP 65: MF01, MF03, H03
- All models include:
 - L1, L2 ja L3 terminal blocks, grey (single or double)
 - N- terminal block (single or double)
 - PE -terminal block (single or double)
- Environmentally friendly materials
- Cable glands included
- Certified according to IEC 61238-1 Class A

Polycarbonate enclosures

Type	Un (V)	In (Al) (A)	In (Cu) (A)	Al/Cu mm ²	Torque Al/Cu (Nm)	No of cables	Key size	Enclosure	Cable glands	EAN code 6419410...	Weight kg
KLM 2x16	800	-	125	1.5-16 (Cu)	1.8	4	PZ2	U3	M32 x4	...391815	0,8
KLM 1x50	1000	160	160	2.5 - 50	5 (2.5 - 16 mm ²) / 10 (25 - 50 mm ²)	2	Hex 5	U4	M40 x2	...391846	1,1
KLM 2x50	1000	200	320	2.5 - 50	5 (2.5 - 16 mm ²) / 10 (25 - 50 mm ²)	4	Hex 5	U4	M40 x4	...391853	1,3
KLM 1x95	1000	200	245	16 - 95	12 (16 - 50 mm ²) / 22 (70 - 95 mm ²)	2	Hex 6	MF01	M63 x2	...391860	2,3
KLM 2x95	1000	400	490	16 - 95	12 (16 - 50 mm ²) / 22 (70 - 95 mm ²)	4	Hex 6	MF01	M63 x4	...391877	3,0
KLM 2x150	1000	500	640	25 - 150	12 (25 - 50 mm ²) / 22 (70 - 95 mm ²) / 38 (120 - 150 mm ²)	4	Hex 6	MF03	EPA 2260 x2	...391891	5,0

Stainless steel enclosures

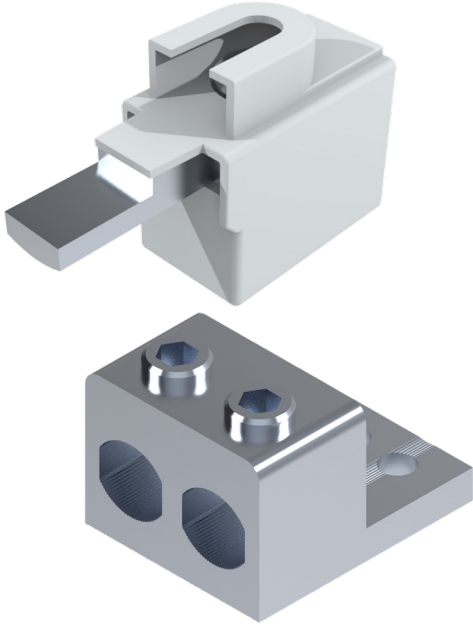
Type	Un (V)	In (Al) (A)	In (Cu) (A)	Al/Cu mm ²	Torque Al/Cu (Nm)	No of cables	Key size	Enclosure	Cable glands	EAN code 6419410...	Weight kg
KLR 2x16	800	-	125	1.5-16 (Cu)	1.8	4	PZ2	H32	M32 x4	...391921	2,4
KLR 1x50	1000	160	160	2.5 - 50	5 (2.5 - 16 mm ²) / 10 (25 - 50 mm ²)	2	Hex 5	H32	M40 x2	...391969	2,6
KLR 2x50	1000	200	320	2.5 - 50	5 (2.5 - 16 mm ²) / 10 (25 - 50 mm ²)	4	Hex 5	H02	M40 x4	...391976	6,2
KLR 1x95	1000	200	245	16 - 95	12 (16 - 50 mm ²) / 22 (70 - 95 mm ²)	2	Hex 6	H02	M63 x2	...391983	6,0
KLR 2x95	1000	400	490	16 - 95	12 (16 - 50 mm ²) / 22 (70 - 95 mm ²)	4	Hex 6	H02	M63 x4	...391990	6,8
KLR 2x150	1000	500	640	25 - 150	12 (25 - 50 mm ²) / 22 (70 - 95 mm ²) / 38 (120 - 150 mm ²)	4	Hex 6	H03	EPA 2260 x2	...392010	15,5

FIXING ACCESSORIES

- For bolt mountable KKL connectors
- One package for 3- or 4-pole switches contains all necessary bolts, nuts and washers

Type	Description	For	EAN code 6419410...
M12 50-75NM 3P	Fixing bolts for connectors	3P	...288368
M10 30-44NM 3P	Fixing bolts for connectors	3P	...288351
M8 15-22NM 3P	Fixing bolts for connectors	3P	...288344
M8 15-22NM 4P	Fixing bolts for connectors	4P	...287804
M10 30-44NM 4P	Fixing bolts for connectors	4P	...287811
M12 50-75NM 4P	Fixing bolts for connectors	4P	...287828

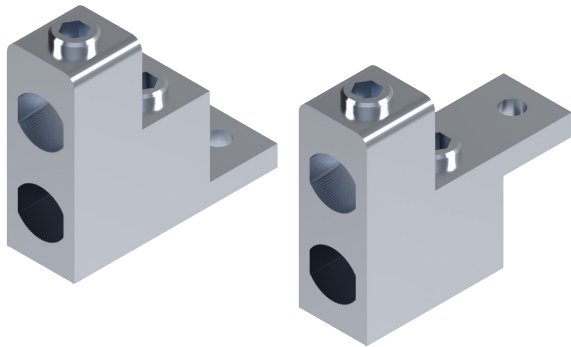
KKL CABLE CONNECTORS



- For 1.5-300 mm² Al/Cu cables
- Material: tin-coated aluminium
- Certified according to IEC 61238-1 Class A
- Environmentally friendly materials
- Sale unit = 1 pc

Type	Un (V)	In (Al) (A)	In (Cu) (A)	Al mm ²	Cu mm ²	Torque Al/Cu (Nm)	Number of conductors	Allen key size	Mounting	EAN code 6419410...	Weight kg	Package size PCS
KKL 1X16	690	63	63	1,5-16	1,5-16	2,2 (1,5-16mm ²)	1	Hex 3	Direct	...378496	0,01	30
KKL 1x50T.1	690	125	125	16-50	2,5-50	5 (2,5-16mm ²) / 10 (25-50mm ²)	1	Hex 5	Direct	...378717	0,019	12
KKL 1X50T.2	690	125	125	16-50	2,5-50	5 (2,5-16mm ²) / 10 (25-50mm ²)	1	Hex 5	Direct	...378502	0,019	12
KKL 1x50T.3	690	125	125	16-50	2,5-50	5 (2,5-16mm ²) / 10 (25-50mm ²)	1	Hex 5	Direct	...378724	0,019	12
KKL 1X50M	690	125	125	16-50	2,5-50	5 (2,5-16mm ²) / 10 (25-50mm ²)	1	Hex 5	Direct	...378519	0,017	12
KKL 1X50N	690	125	125	16-50	2,5-50	5 (2,5-16mm ²) / 10 (25-50mm ²)	1	Hex 5	Direct	...378670	0,014	25
KKL 1X50	690	160	160	16-50	2,5-50	5 (2,5-16mm ²) / 10 (25-50mm ²)	1	Hex 5	Bolt	...378571	0,011	25
KKL 2X50	690	200	320	16-50	16-50	5 (2,5-16mm ²) / 10 (25-50mm ²)	2	Hex 5	Bolt M8	...378588	0,023	12
KKL 2X50M	690	200	320	16-50	16-50	5 (2,5-16mm ²) / 10 (25-50mm ²)	2	Hex 5	Bolt M8	...378663	0,023	12
KKL 1X95	690	200	245	25-95	25-95	12 (16-50 mm ²) / 22 (70-95 mm2)	1	Hex 6	Bolt M10	...200230	0,03	48
KKL1x95M	690	200	245	25-95	25-95	12 (16-50 mm ²) / 22 (70-95 mm2)	1	Hex 6	Bolt M8	...378953	0,03	48
KKL 2X95	690	400	490	25-95	25-95	12 (16-50 mm ²) / 22 (70-95 mm2)	2	Hex 6	Bolt M10	...378601	0,061	48
KKL 2x95LR	690	400	490	25-95	25-95	12 (16-50 mm ²) / 22 (70-95 mm2)	2	Hex 6	Bolt M10	...205853	0,061	48
KKL 1X120T.1	690	200	245	16-120	16-120	12 (16-50 mm ²) / 22 (70-120 mm2)	1	Hex 6	Direct	...378526	0,037	20
KKL 1X120T.2	690	200	245	16-120	16-120	12 (16-50 mm ²) / 22 (70-120 mm2)	1	Hex 6	Direct	...378533	0,037	20
KKL 1X120T.3	690	200	245	16-120	16-120	12 (16-50 mm ²) / 22 (70-120 mm2)	1	Hex 6	Direct	...378540	0,037	20
KKL 1X120T	690	200	245	16-120	16-120	12 (16-50 mm ²) / 22 (70-120 mm2)	1	Hex 6	Direct	...378700	0,037	20
KKL 1X120TM	690	200	245	16-120	16-120	12 (16-50 mm ²) / 22 (70-120 mm2)	1	Hex 6	Direct	...378557	0,037	20
KKL 1X120RS	690	200	245	16-120	16-120	12 (16-50 mm ²) / 22 (70-120 mm2)	1	Hex 6	Bolt M8	...378687	0,044	20
KKL 1X120RSY	690	200	245	16-120	16-120	12 (16-50 mm ²) / 22 (70-120 mm2)	1	Hex 6	Bolt M8	...378694	0,044	20
KKL 1X150	690	250	320	25-150	25-150	12 (25-50 mm ²) / 22 (70-95 mm2) / 38 (120-150 mm2)	1	Hex 6	Bolt M10	...378618	0,073	20
KKL1x150T2	690	250	320	25-150	25-150	12 (25-50 mm2) / 22 (70-95 mm2) / 38 (120-150 mm2)	1	Hex 6	Direct	...378748	0,073	20
KKL 2X150	690	500	640	25-150	25-150	12 (25-50 mm ²) / 22 (70-95 mm2) / 38 (120-150 mm2)	2	Hex 6	Bolt M12	...378625	0,15	20
KKL2x150LR	690	500	640	25-150	25-150	12 (25-50 mm ²) / 22 (70-95 mm2) / 38 (120-150 mm2)	2	Hex 6	Bolt M12	...300459	0,15	20
KKL 1X240	690	315	425	35-240	35-240	25 (35-120 mm ²) / 55 (150-240 mm2)	1	Hex 8	Bolt M12	...378632	0,113	16
KKL 2X240	690	630	850	35-240	35-240	25 (35-120 mm ²) / 55 (150-240 mm2)	2	Hex 8	Bolt M12	...378649	0,245	16
KKL 1X240TM	690	400	425	35-240	35-240	25 (35-120 mm ²) / 40 (150-240 mm2)	1	Hex 8	Bolt M8	...378656	0,113	20
KKL 1X240TE	690	400	400	35-240	35-240	25 (35-120 mm ²) / 40 (150-240 mm2)	1	Hex 8	Bolt M8	...378731	0,113	20
KKL2x240LR	690	630	850	35-240	35-240	25 (35-120 mm ²) / 55 (150-240 mm2)	2	Hex 8	Bolt M12	...378755	0,245	16
KKL1x300	690	400	520	95-300	95-300	45 (95-120 mm2) / 75 (150-300 mm2)	1	Hex 12	Bolt M12	...484289	0,262	10
KKL2x300	690	800	1040	95-300	95-300	45 (95-120 mm2) / 75 (150-300 mm2)	2	Hex 12	Bolt M12	...484296	0,501	3

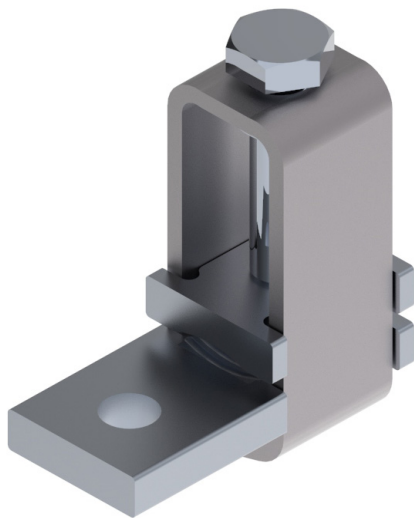
KKL VERTICAL CABLE CONNECTORS



- For 25-300 mm² Al/Cu cables
- Blade middle (VM) and blade bottom (VB) models
- Material: tin-coated aluminium
- Environmentally friendly materials
- Certified according to IEC 61238-1 Class A
- Sale unit = 1 pc

Type	Un (V)	In (Al) (A)	In (Cu) (A)	Al mm ²	Cu mm ²	Torque Al/Cu (Nm)	Number of conductors	Allen key size	Mounting	EAN code 6419410...	Weight kg	Package size PCS
KKL2x150VB	690	500	640	25-150	25-150	12 (25-50 mm ²) / 22 (70-95 mm ²) / 38 (120-150 mm ²)	2	Hex 6	Bolt M12	...484319	0,18	3
KKL2x150VM	690	500	640	25-150	25-150	12 (25-50 mm ²) / 22 (70-95 mm ²) / 38 (120-150 mm ²)	2	Hex 6	Bolt M12	...484302	0,18	3
KKL2x240VB	690	630	850	35-240	35-240	25 (35-120 mm ²) / 40 (150-240 mm ²)	2	Hex 8	Bolt M12	...484333	0,339	3
KKL2x240VM	690	630	850	35-240	35-240	25 (35-120 mm ²) / 40 (150-240 mm ²)	2	Hex 8	Bolt M12	...484326	0,339	3
KKL2x300VB	690	800	1040	95-300	95-300	45 (95-120 mm ²) / 75 (150-300 mm ²)	2	Hex 12	Bolt M12	...484357	0,572	3
KKL2x300VM	690	800	1040	95-300	95-300	45 (95-120 mm ²) / 75 (150-300 mm ²)	2	Hex 12	Bolt M12	...484340	0,572	3

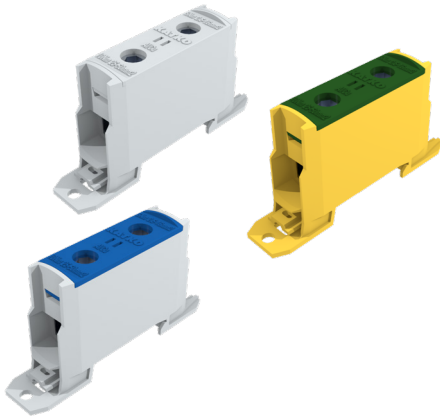
KLH CABLE CONNECTORS



- Connector with an intermediate part for applying pressure to the conductor
- Suitable for 2 x 50-300 mm² Al/Cu cables
- Narrow profile when installed vertically
- Suitable for various cable types (for example fine stranded and solid)
- Material:
 - Frame: stainless steel
 - Connection bar: tin-plated copper
- Sale unit = 1 pc
- **UL certified cable connectors available, see UL section of this catalogue**

Type	Al/Cu mm ²	Torque Al/Cu (Nm)	No of conductors	Key size	EAN code 6419410...	Weight kg	Package size PCS
KLH 2X150	2 x 50 - 150	44	4	Hex 17	...358580	0.26	3
KLH 2x240	2 x 95 - 240	75	4	Hex 19	...358597	0.37	3
KLH 2x300	2 x 185 - 300	75	4	Hex 19	...358603	0.49	3

KL TERMINAL BLOCKS - UL 1059

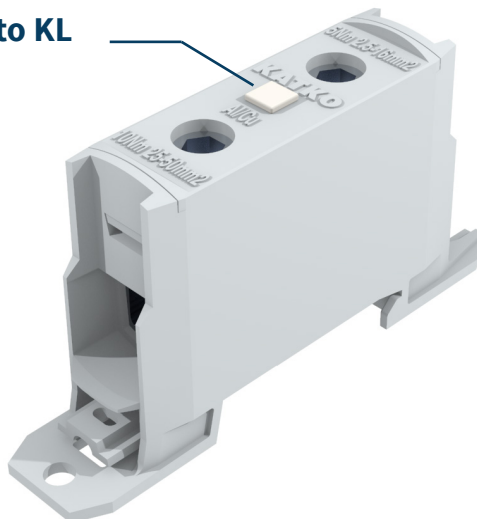


- UL cables: 500 kcmil - 6 AWG
- IEC cables: 2.5 - 240 mm²
- Available in grey, blue (N) and yellow/green (PE)
- Housing and cover in polyamide
- Terminal material tin-coated, greased aluminium
- For DIN-rail or base mounting
- Environmentally friendly materials
- UL 1059, CAN/CSA C22.2 No. 158-10
- Sale unit = 1 pc

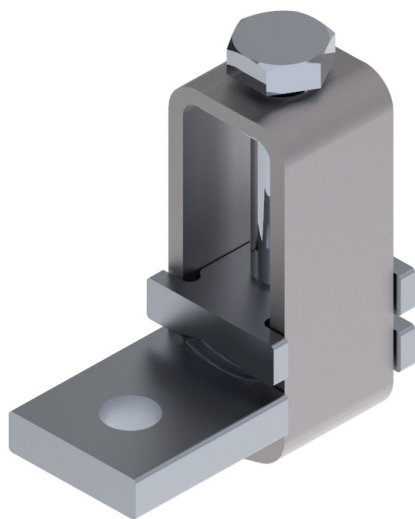
Type	EAN code 6419410...	Voltage (V)	Ampere Al (A)	Ampere Cu (A)	Line/Load Wire Size-Str Cu/Al (kcmil/AWG)	Torque Al/Cu lb-in	Key size	Mounting	Weight kg	Package size PCS
KL1x50	...378250	1000V	120A	150A	1/0 - 6	90 lb in	Hex 5	Screw / DIN	0.060	32
KL1x50N	...378267									
KL1x50PE	...378274									
KL2x50	...378281	1000V	240A	300A	1/0 - 6	90 lb in	Hex 5	Screw / DIN	0.104	18
KL2x50N	...378298									
KL1x95	...378311									
KL1x95N	...378328	1000V	155A	200A	3/0 - 4	110 lb in (1/0 - 4 AWG) / 200 lb in (3/0 - 2/0 AWG)	Hex 6	Screw / DIN	0.096	22
KL1x95PE	...378335									
KL2x95	...378342									
KL2x95N	...378359	1000V	360A	460A	4/0 - 4	110 lb in (1/0 - 4 AWG) / 200 lb in (4/0 - 2/0 AWG)	Hex 6	Screw / DIN	0.169	12
KL1x150	...378373									
KL1x150N	...378380									
KL2x150	...378403	1000V	460A	570A	300 - 2	110 lb in (1/0 - 2 AWG) / 200 lb in (4/0 - 2/0 AWG) / 340 lb in (300 - 250 kcmil)	Hex 6	Screw / DIN	0.181	18
KL2x150N	...378410									
KL1x240	...378434									
KL1x240N	...378441	1000V	310A	380A	500 - 3/0	220 lb in (250 kcmil - 3/0 AWG) / 490 lb in (500 - 300 kcmil)	Hex 8	Screw / DIN	0.293	14
KL2x240	...378465									
KL2x240N	...378472									

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

Attaching marker to KL terminal block



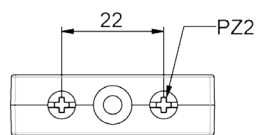
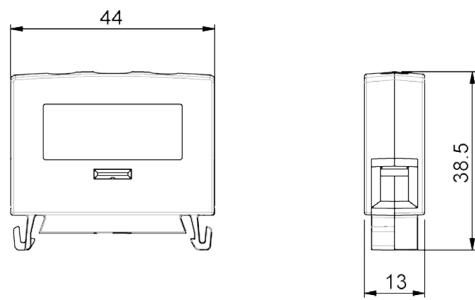
KLH CABLE CONNECTORS UL 486A-486B



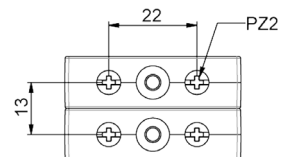
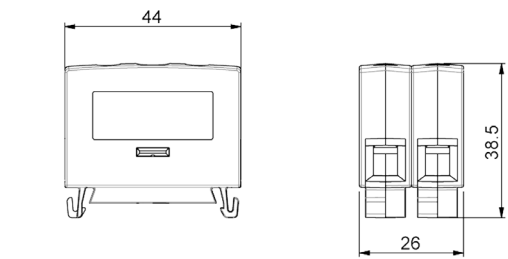
- UL 486A-486B
- CSA C22.2 No.65.
- Connector with an intermediate part for applying pressure to the conductor
- Suitable for various wire types (for example fine stranded and solid)
- Narrow profile when installed vertically
- Suitable for 2 x 1/0 AWG - 600 kcmil wires
- Sale unit = 1 pc
- Material:
 - Frame: stainless steel
 - Connection bar: tin-plated copper

Type	EAN code 6419410...	Line/Load Wire Size-Str (kcmil/AWG)	Torque Cu lb-in	Key size	Weight kg	Package size PCS
KLH 2x150	...358580	2 x 300 - 1/0	390	Hex 17	0.26	3
KLH 2x240	...358597	2 x 500 - 3/0	660	Hex 19	0.37	3
KLH 2x300	...358603	2 x 600 - 300	660	Hex 19	0.49	3

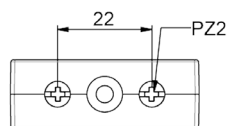
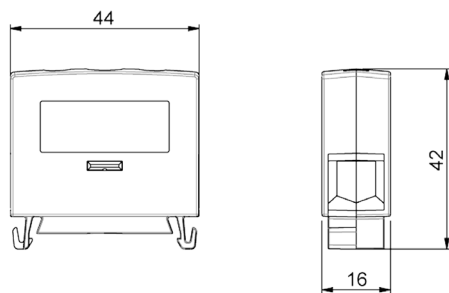
DIMENSIONAL DRAWINGS KC & KL TERMINAL BLOCKS



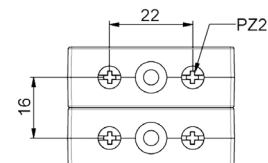
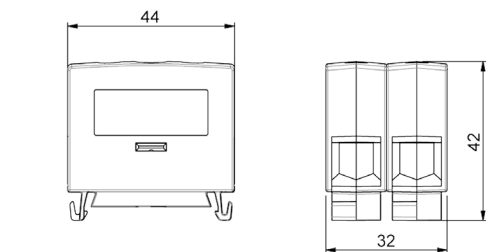
KC 1x16



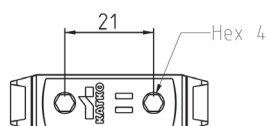
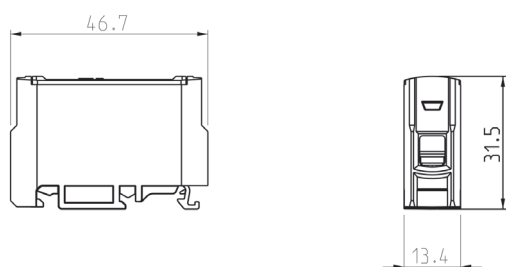
KC 2x16



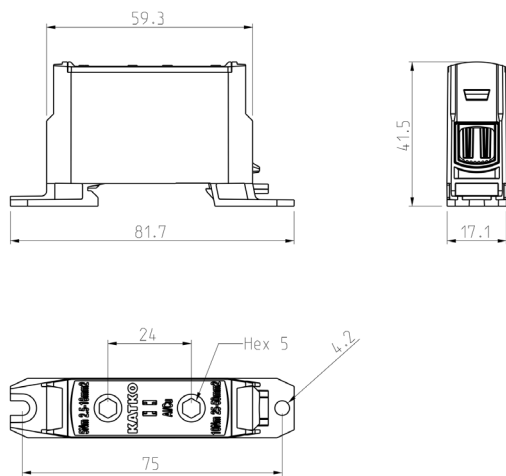
KC 1x35



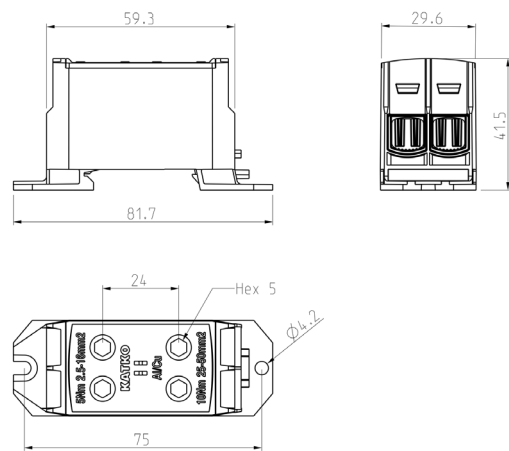
KC 2x35



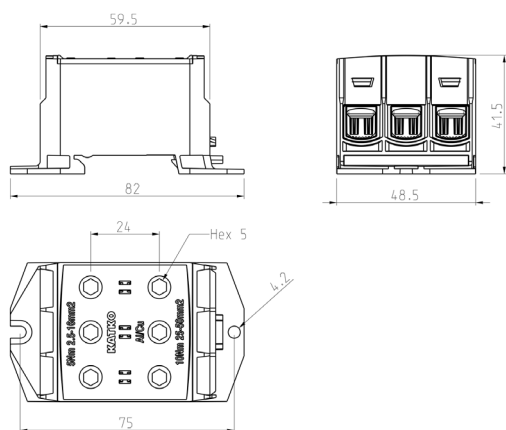
KL 1x16



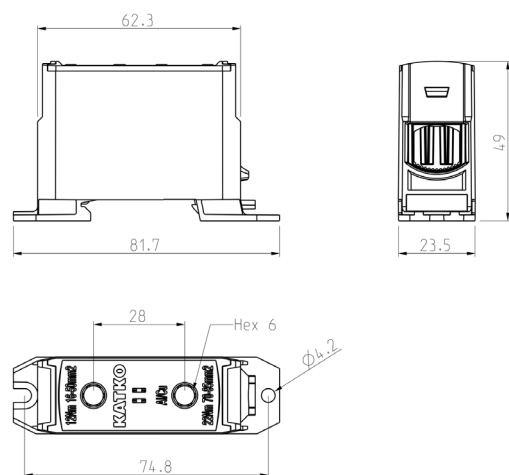
KL 1x50



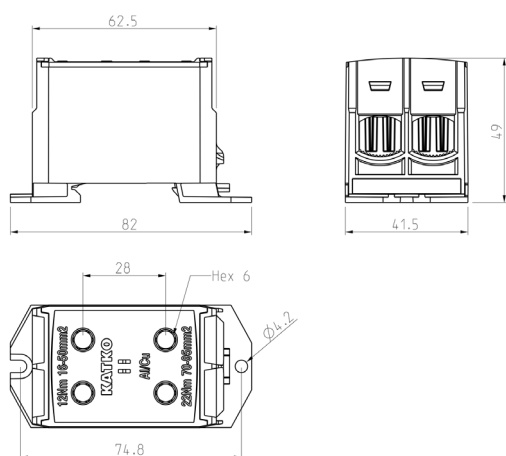
KL 2x50



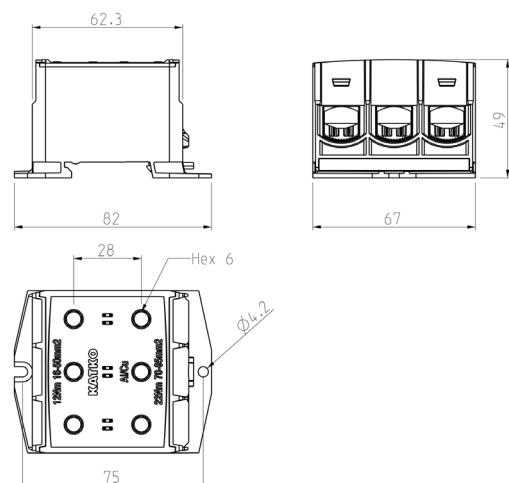
KL 3x50 / 3x1x50



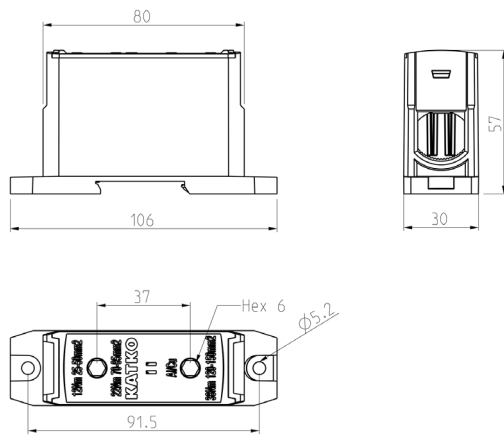
KL 1x95



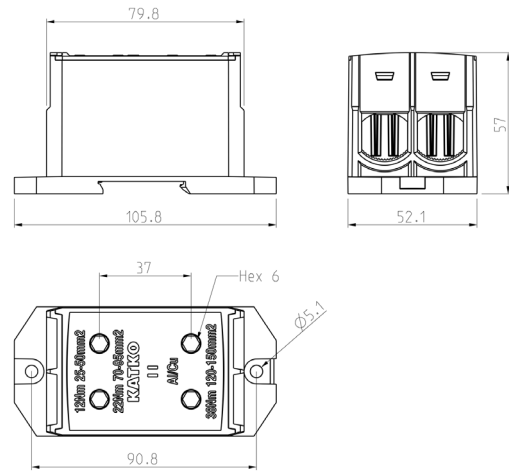
KL 2x95



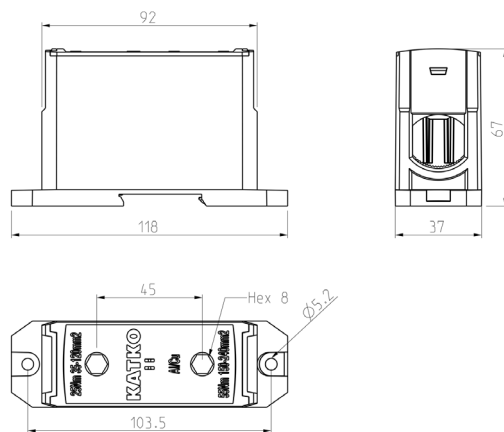
KL 3x95 / 3x1x95



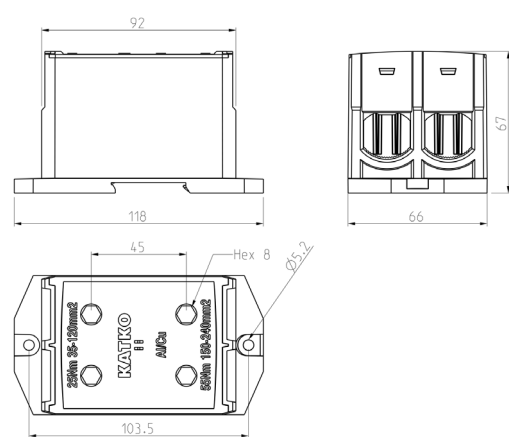
KL 1x150



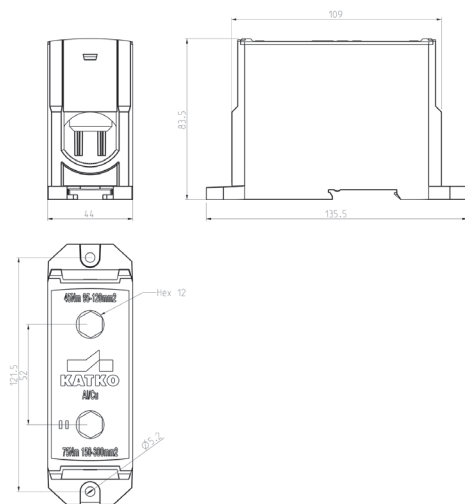
KL 2x150



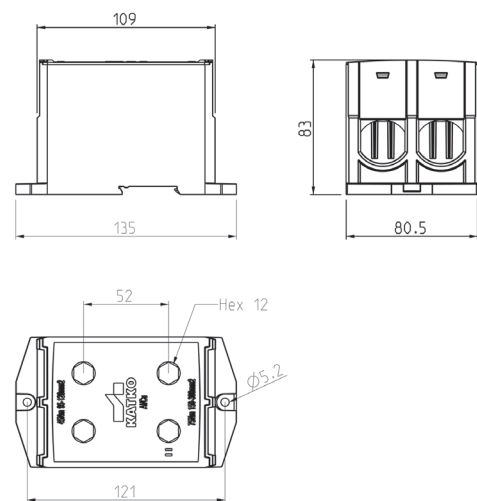
KL 1x240



KL 2x240

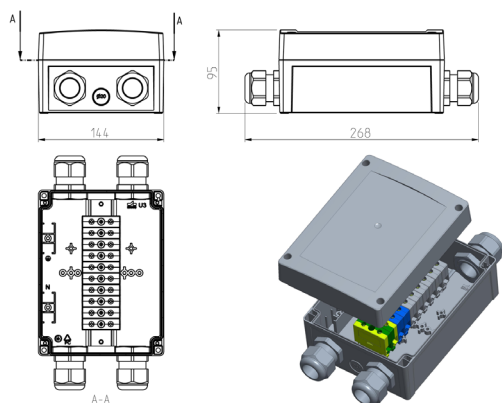


KL 1x300

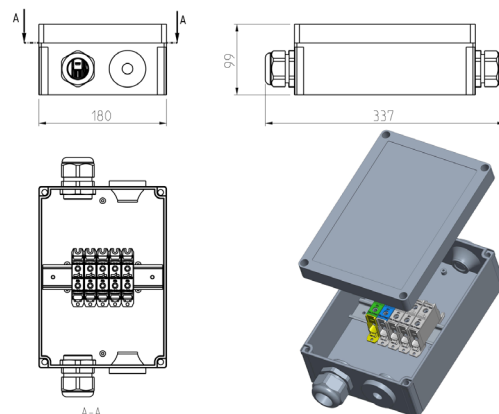


KL 2x300

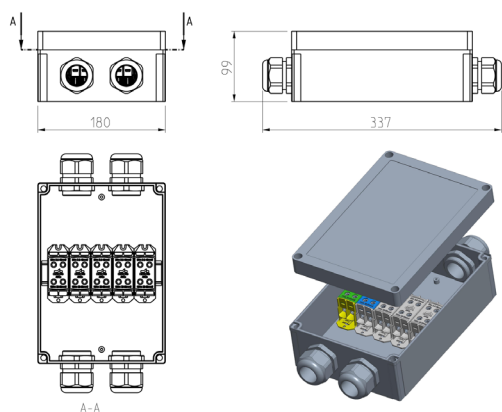
DIMENSIONAL DRAWINGS ENCLOSED TERMINAL BLOCKS



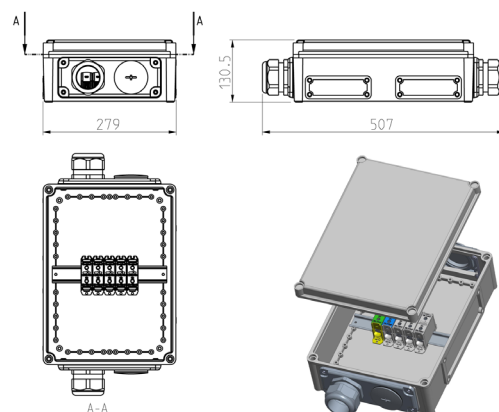
KLM 2x16



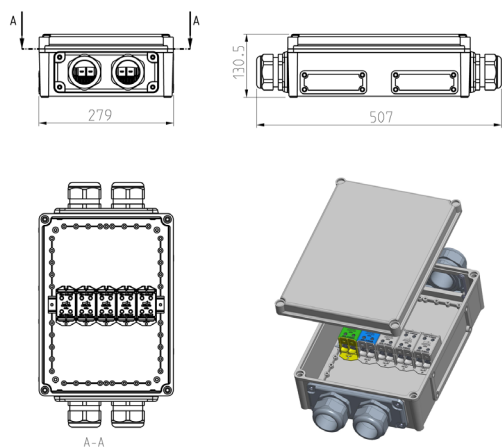
KLM 1x50



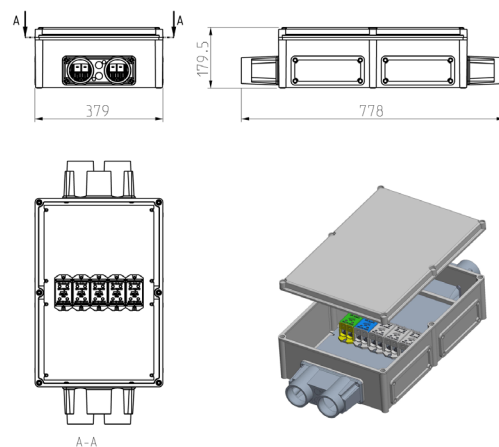
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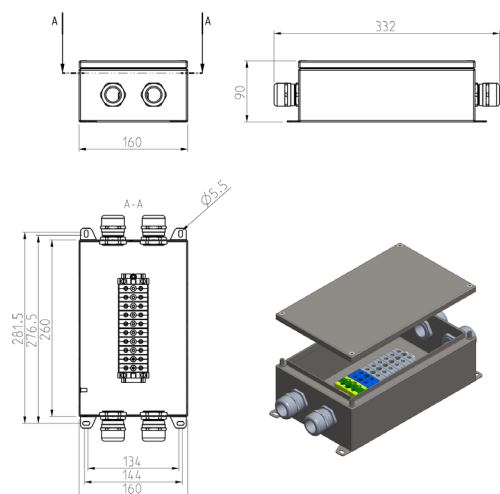
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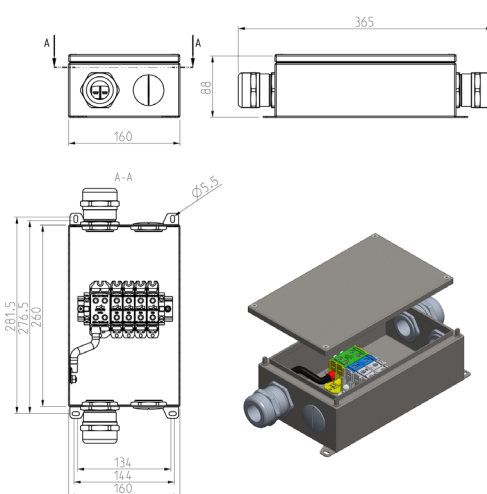
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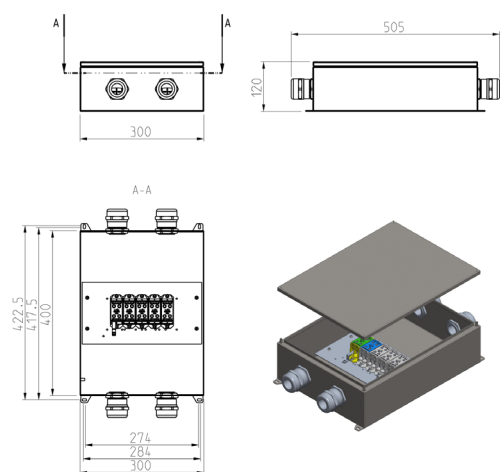
KLM 2x150



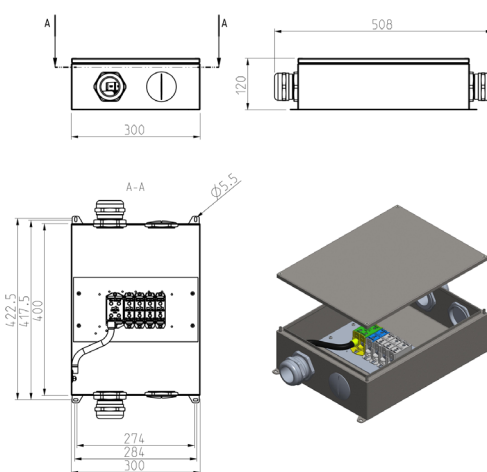
KLR 2x16



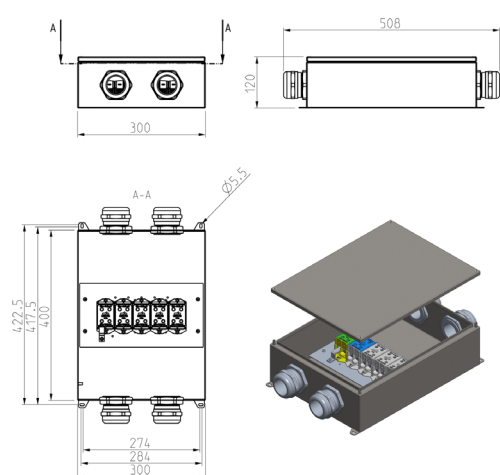
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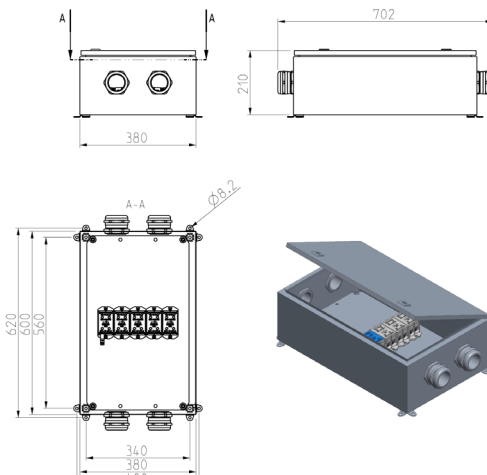
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KLR 1x95

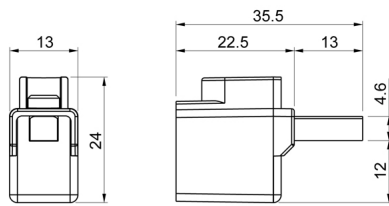


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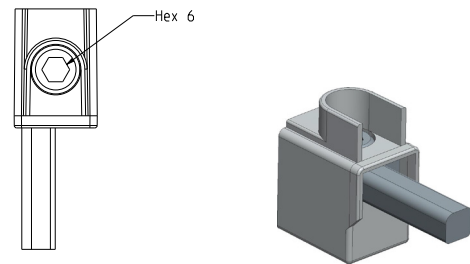
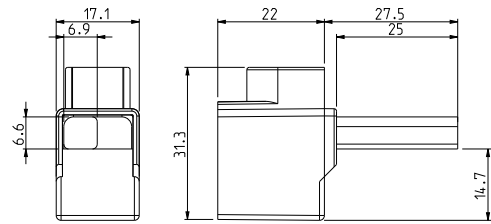


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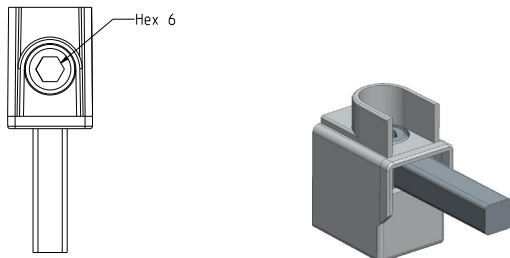
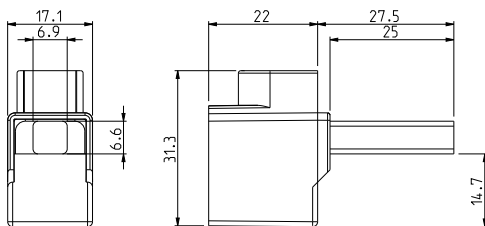
DIMENSIONAL DRAWINGS KKL CABLE CONNECTORS



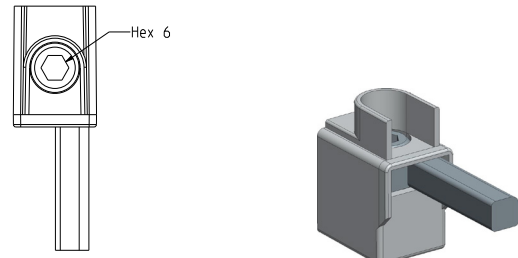
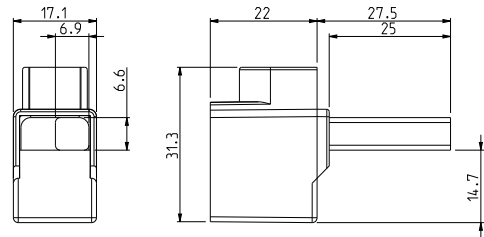
KKL 1X16



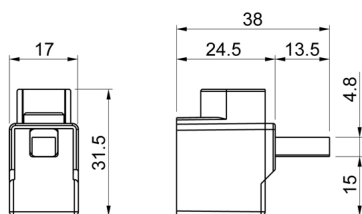
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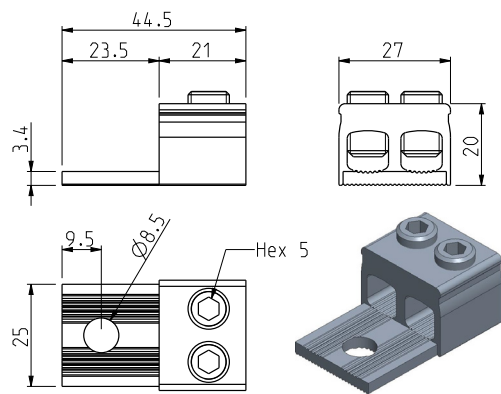
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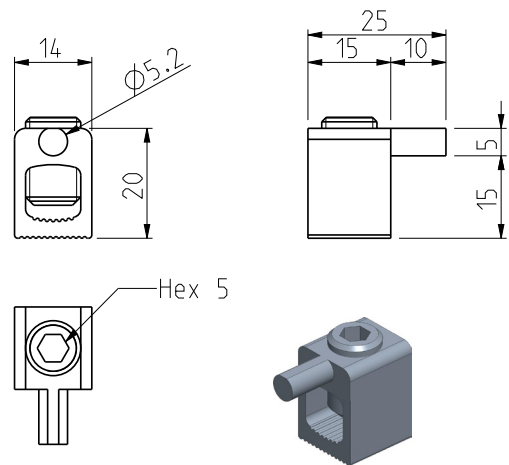
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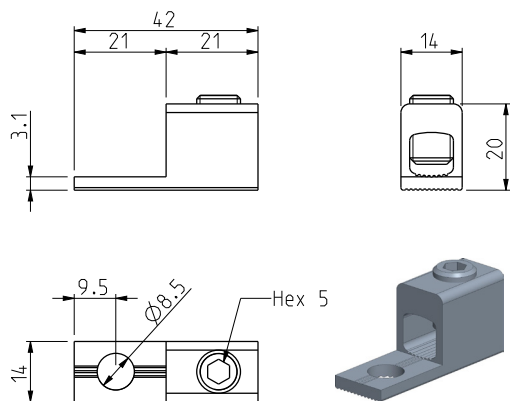
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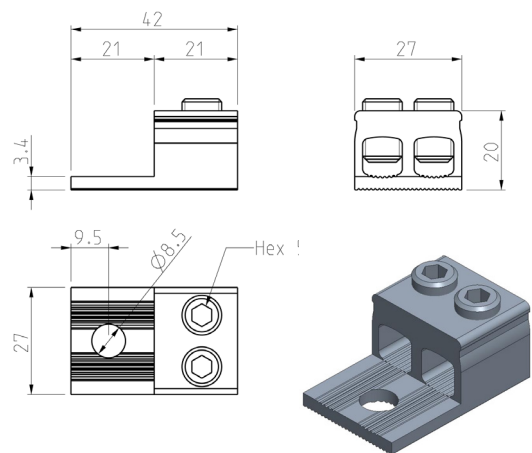
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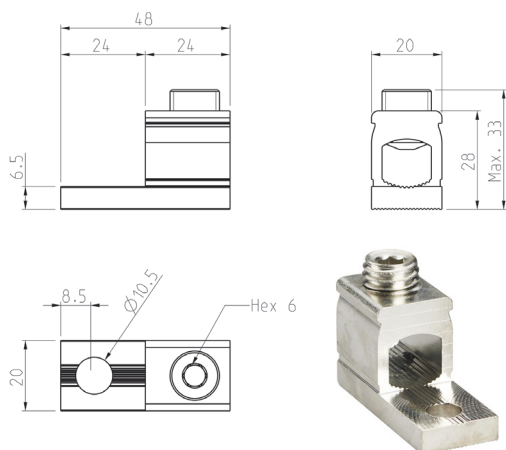
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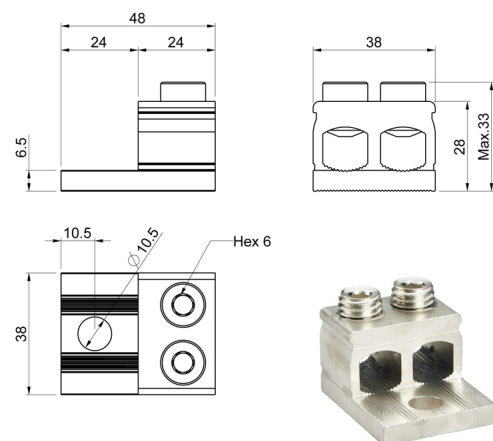
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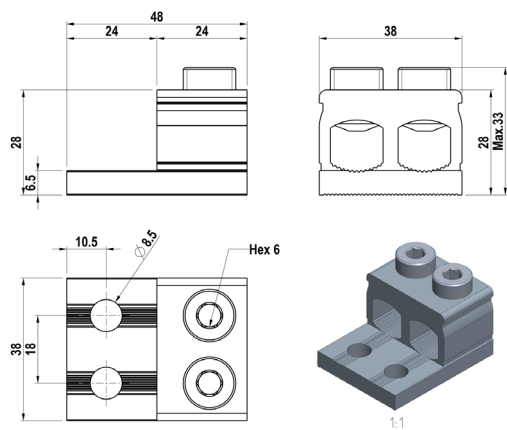
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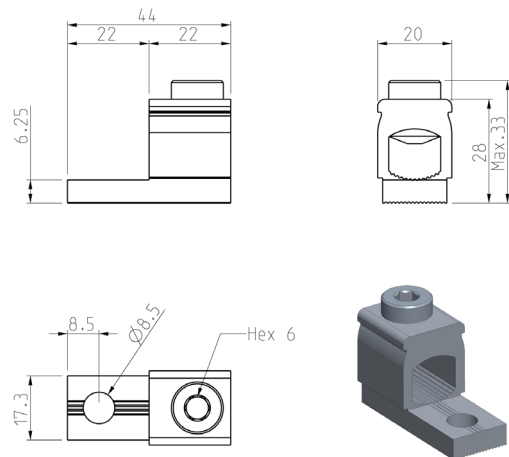
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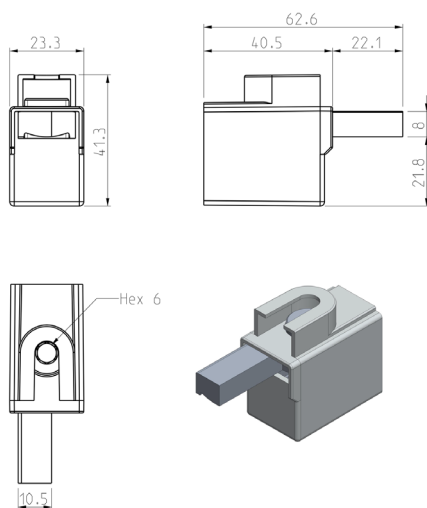
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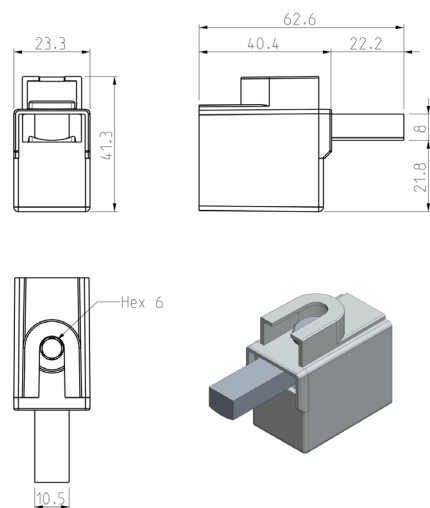
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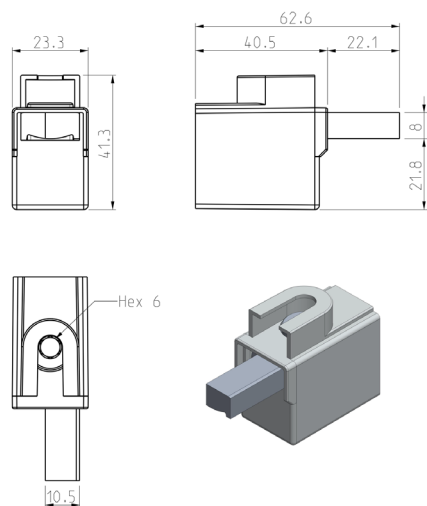
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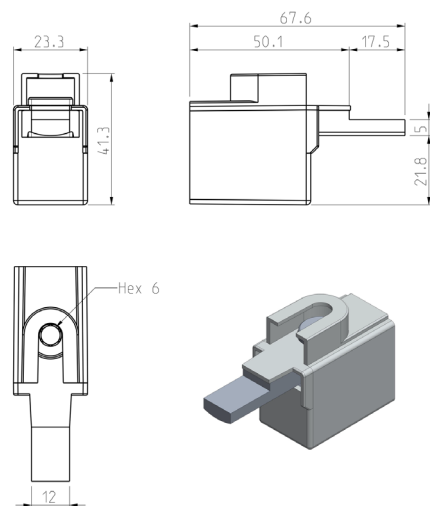
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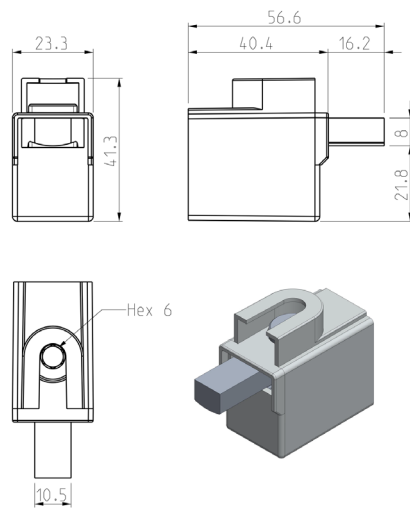
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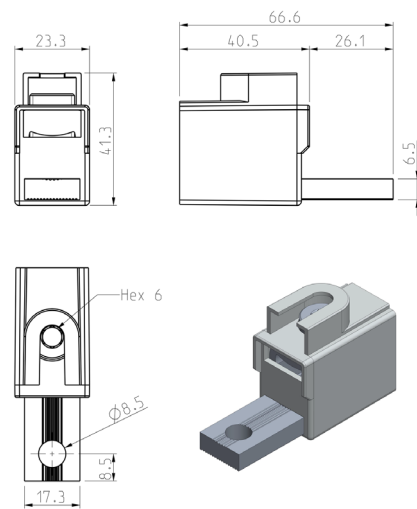
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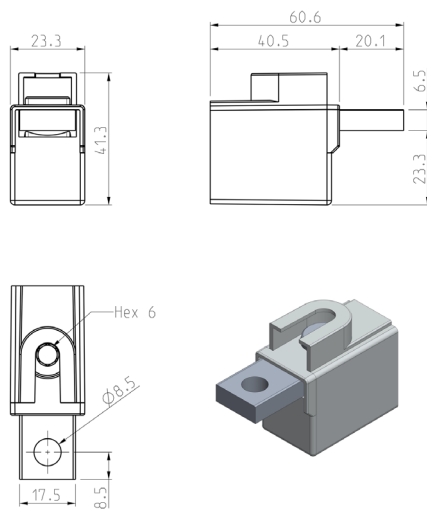
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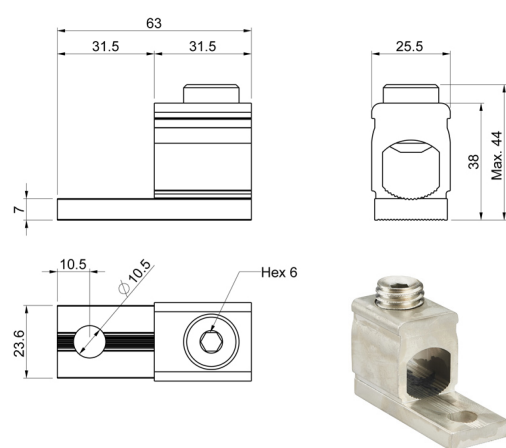
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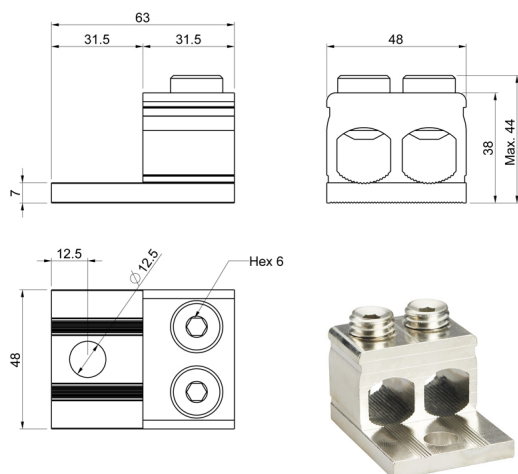
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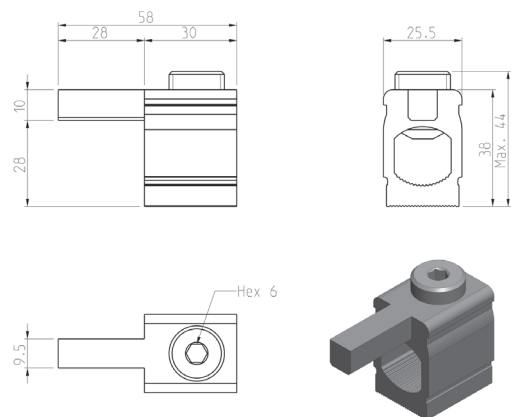
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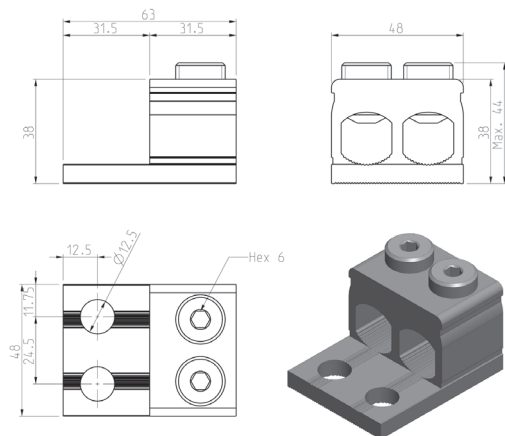
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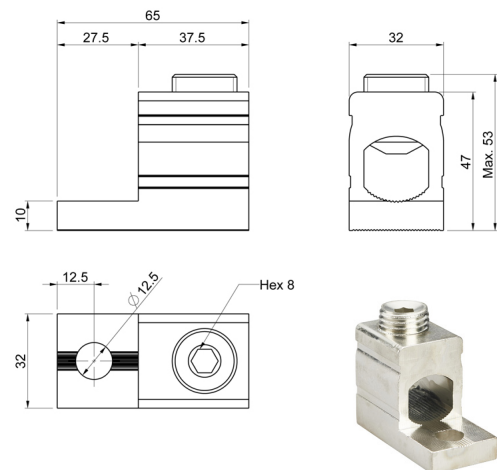
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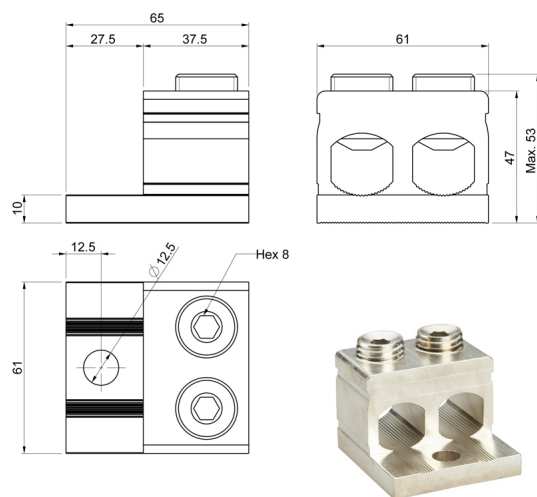
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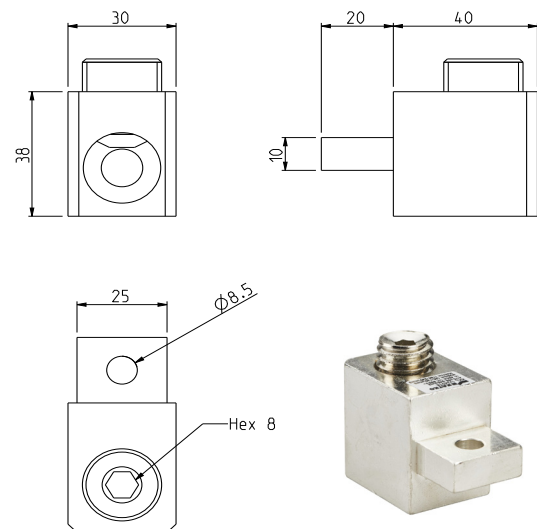
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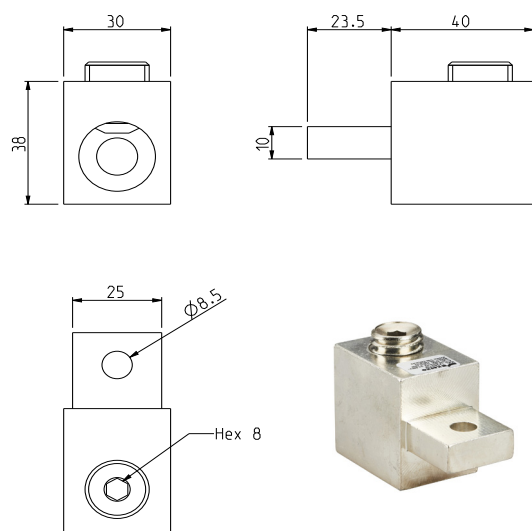
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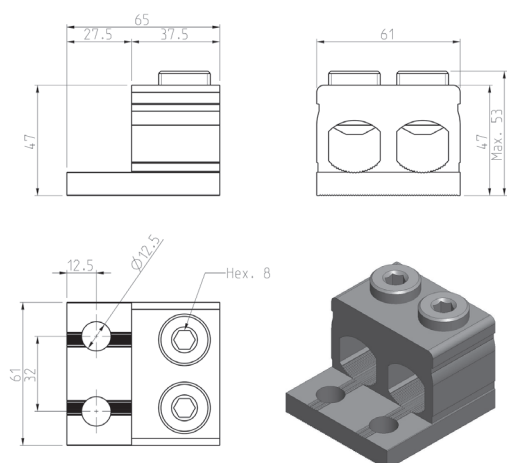
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KKL 1X240TE

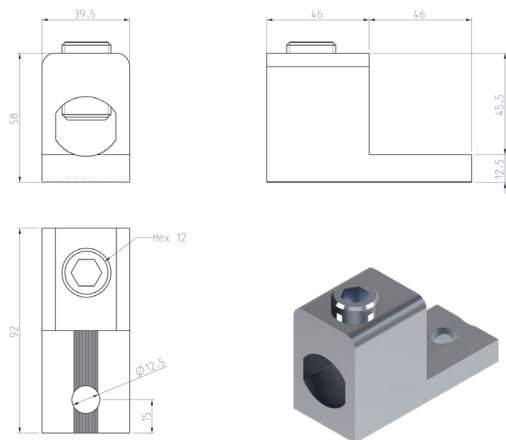


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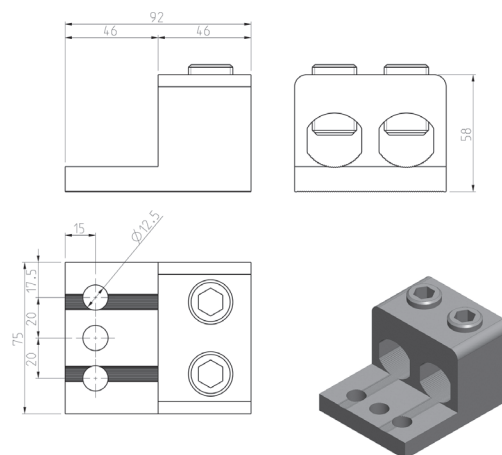


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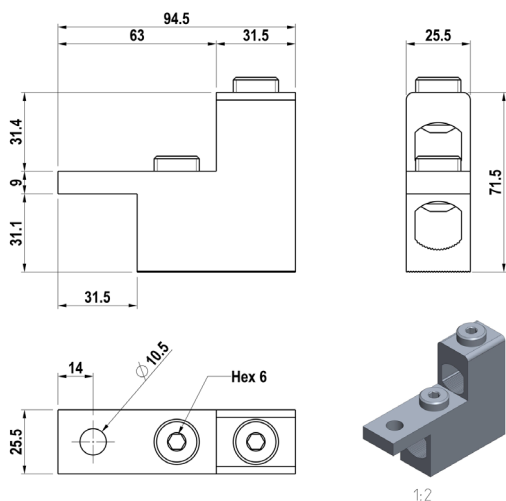
DIMENSIONAL DRAWINGS CABLE CONNECTORS & KKL VERTICAL CABLE CONNECTORS



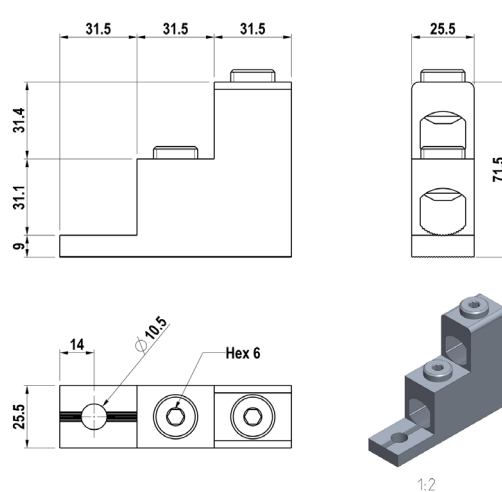
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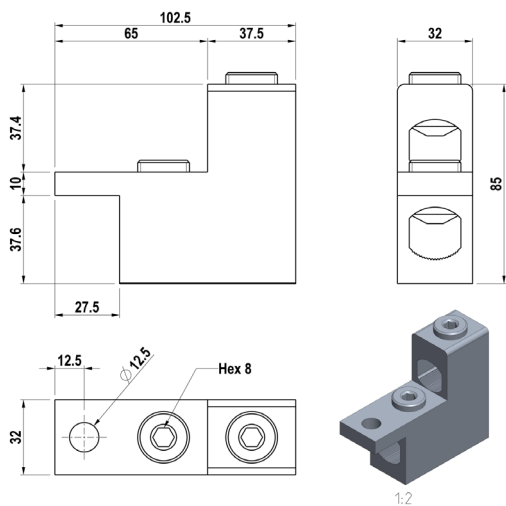
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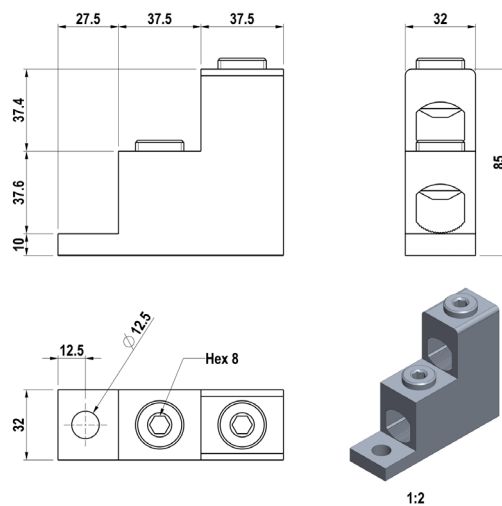
KKL 2x150VM



KKL 2x150VB

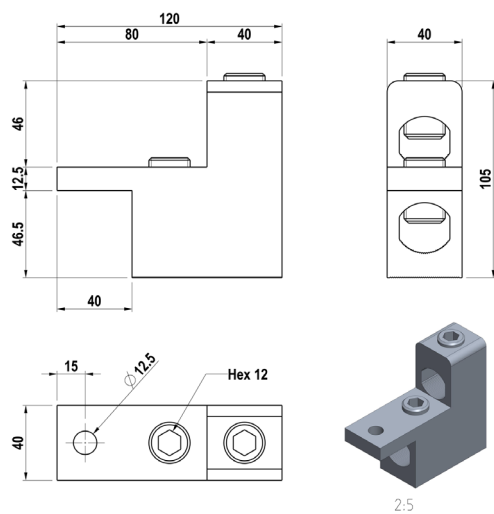


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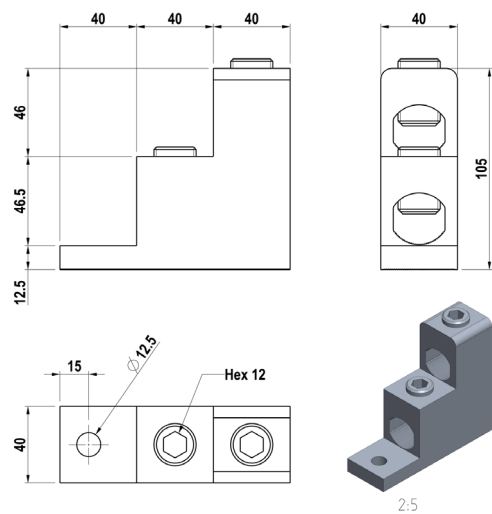


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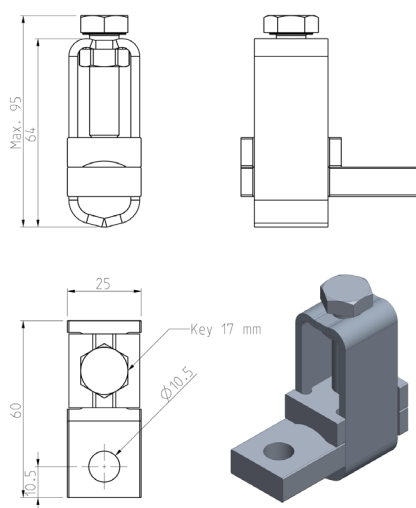
DIMENSIONAL DRAWINGS KKL VERTICAL CABLE CONNECTORS & KLH CABLE CONNECTORS



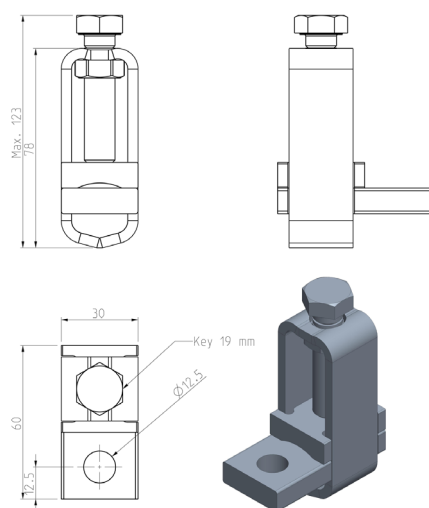
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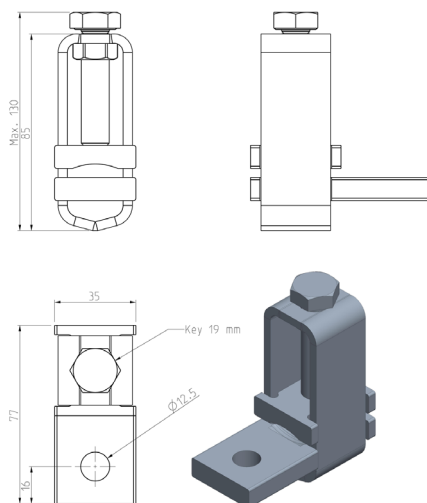
KKL 2x300VB



KLH 2x150



KLH 2x240



KLH 2x300

NUMBER OF CONDUCTORS SIMULTANEOUSLY CONNECTABLE TO THE TERMINAL

					Cross section (mm ²)/ number of conductors simultaneously connectable to the terminal															
KL	Type	In [A]	Torque [Nm]		1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
	1x16*	75	5 Nm (2,5-16 mm ²)	Al	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-
		76		Cu	3	3	3	2	1	1	-	-	-	-	-	-	-	-	-	-
	1x50* 3x50* 3x1x50*	160	5Nm (2,5-16mm ²)	Al	-	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-
			10Nm (25-50mm ²)	Cu	-	3	3	3	3	2	1	1**	1	-	-	-	-	-	-	-
	2x50*	200	5Nm (2,5-16mm ²)	Al	-	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-
		320	10Nm (25-50mm ²)	Cu	-	3	3	3	3	2	1	1**	1	-	-	-	-	-	-	-
	1x95* 3x95* 3x1x95*	200	12Nm (16-50mm ²)	Al	-	-	-	-	-	1	1	1	1	1	1	-	-	-	-	-
		245	22Nm (70-95mm ²)	Cu	-	-	-	-	-	3	2	2	1	1**	1	-	-	-	-	-
	2x95*	400	12Nm (16-50mm ²)	Al	-	-	-	-	-	1	1	1	1	1	1	-	-	-	-	-
		490	22Nm (70-95mm ²)	Cu	-	-	-	-	-	3	2	2	1	1**	1	-	-	-	-	-
	1x150*	250 320	12Nm (25-50mm ²)	Al Cu	-	-	-	-	-	-	1 3	1 3	1 2	1 1	1 1	1 1**	1 1	-	-	-
			22Nm (70-95mm ²)																	
			38Nm (120-150mm ²)																	
	2x150*	500 640	12Nm (25-50mm ²)	Al Cu	-	-	-	-	-	-	1 3	1 3	1 2	1 1	1 1	1 1**	1 1	-	-	-
			22Nm (70-95mm ²)																	
			38Nm (120-150mm ²)																	
	1x240*	315	25Nm (35-120mm ²)	Al	-	-	-	-	-	-	-	1 3	1 3	1 2	1 1	1 1	1 1	1 1**	1 1	-
		425	55Nm (150-240mm ²)	Cu																
	2x240*	630	25Nm (35-120mm ²)	Al	-	-	-	-	-	-	-	1 3	1 3	1 2	1 1	1 1	1 1	1 1**	1 1	-
		850	55Nm (150-240mm ²)	Cu																
	1x300*	400	45 Nm (95-120 mm ²)	Al	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1
		520	75 Nm (150-300 mm ²)	Cu											2	2	1	1	1**	1
	2x300*	800	45 Nm (95-120 mm ²)	Al	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1
		1040	75 Nm (150-300 mm ²)	Cu											2	2	1	1	1**	1

					Cross section (mm ²)/ number of conductors simultaneously connectable to the terminal															
KLH	Type	In [A]	Torque [Nm]		1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
	2x150	455	44 Nm (50-150 mm ²)	Al	-	-	-	-	-	-	-	-	1	1	1	1	1	-	-	-
		579		Cu									2	1	1	1	1			
	2x240	631	75 Nm (95-240 mm ²)	Al	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	-
		806		Cu											2	2	1	1	1	
	2x300	810	75 Nm (185-300 mm ²)	Al	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1
		1035		Cu														1	1	1

* N = Blue = only for one neutral conductor

* PE = Yellow/green = only for one protective conductor

** Biggest fine-strand conductors

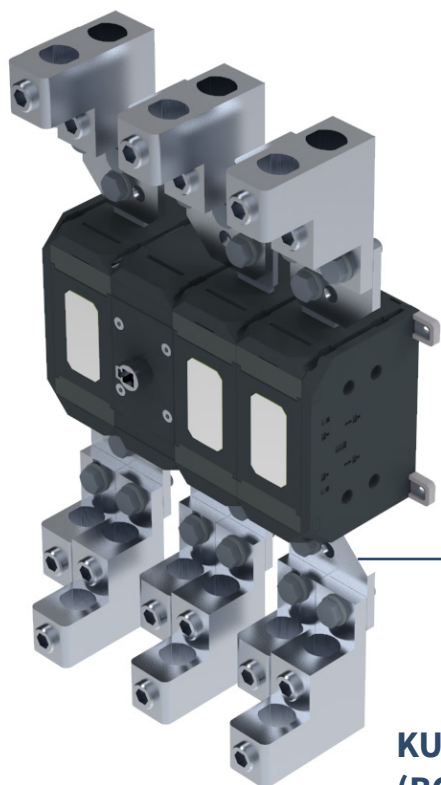
Cu conductors may be solid, multi-strand or fine-strand conductors. With fine strand conductors use of cable end sleeve is recommended but not required.

	Type	In [A]	Torque [Nm]		Cross section (mm ²)/ number of conductors simultaneously connectable to the terminal															
					1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
					1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-
KKL	1x16	63	2,2Nm (1,5-16mm ²)	Al	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-
				Cu	3	3	3	2	1**	1	-	-	-	-	-	-	-	-	-	-
	1x50	160	5Nm (2,5-16mm ²)	Al	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-
			10Nm (25-50mm ²)	Cu	-	3	3	3	3	2	1	1**	1	-	-	-	-	-	-	-
	1x50N	125	5Nm (2,5-16mm ²)	Al	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-
			10Nm (25-50mm ²)	Cu	-	3	3	3	3	2	1	1**	1	-	-	-	-	-	-	-
	1x50M	125	5Nm (2,5-16mm ²)	Al	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-
			10Nm (25-50mm ²)	Cu	-	3	3	3	3	2	1	1**	1	-	-	-	-	-	-	-
	1x50T.1	125	5Nm (2,5-16mm ²)	Al	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-
			10Nm (25-50mm ²)	Cu	-	3	3	3	3	2	1	1**	1	-	-	-	-	-	-	-
	1x50T.2	125	5Nm (2,5-16mm ²)	Al	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-
			10Nm (25-50mm ²)	Cu	-	3	3	3	3	2	1	1**	1	-	-	-	-	-	-	-
	1x50T.3	125	5Nm (2,5-16mm ²)	Al	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-
			10Nm (25-50mm ²)	Cu	-	3	3	3	3	2	1	1**	1	-	-	-	-	-	-	-
	2x50	200	5Nm (2,5-16mm ²)	Al	-	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-
		320	10Nm (25-50mm ²)	Cu	-	3	3	3	3	2	1	1**	1	-	-	-	-	-	-	-
	2x50M	200	5Nm (2,5-10mm ²)	Al	-	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-
		320	10Nm (16-50mm ²)	Cu	-	3	3	3	3	2	1	1**	1	-	-	-	-	-	-	-
	1x95	200	12Nm (16-50mm ²)	Al	-	-	-	-	-	1	1	1	1	1	1	-	-	-	-	-
		245	22Nm (70-95mm ²)	Cu	-	-	-	-	-	3	2	2	1	1**	1	-	-	-	-	-
	1x95M	200	12Nm (16-50mm ²)	Al	-	-	-	-	-	1	1	1	1	1	1	-	-	-	-	-
		245	22Nm (70-95mm ²)	Cu	-	-	-	-	-	3	2	2	1	1**	1	-	-	-	-	-
	2x95	400	12Nm (16-50mm ²)	Al	-	-	-	-	-	1	1	1	1	1	1	-	-	-	-	-
	2x95LR	490	22Nm (70-95mm ²)	Cu	-	-	-	-	-	3	2	2	1	1**	1	-	-	-	-	-
	1x120	200	12Nm (16-50mm ²)	Al	-	-	-	-	-	1	1	1	1	1	1	1	-	-	-	-
		245	22Nm (70-120mm ²)	Cu	-	-	-	-	-	3	2	2	1	1**	1	1	-	-	-	-
	1x120RS	200	12Nm (16-50mm ²)	Al	-	-	-	-	-	1	1	1	1	1	1	1	-	-	-	-
		245	22Nm (70-120mm ²)	Cu	-	-	-	-	-	3	2	2	1	1**	1	1	-	-	-	-
	1x120RSV	200	12Nm (16-50mm ²)	Al	-	-	-	-	-	1	1	1	1	1	1	1	-	-	-	-
		245	22Nm (70-120mm ²)	Cu	-	-	-	-	-	3	2	2	1	1**	1	1	-	-	-	-
	1x120T	200	12Nm (16-50mm ²)	Al	-	-	-	-	-	1	1	1	1	1	1	1	-	-	-	-
		245	22Nm (70-120mm ²)	Cu	-	-	-	-	-	3	2	2	1	1**	1	1	-	-	-	-
	1x120T.1	200	12Nm (16-50mm ²)	Al	-	-	-	-	-	1	1	1	1	1	1	1	-	-	-	-
		245	22Nm (70-120mm ²)	Cu	-	-	-	-	-	3	2	2	1	1**	1	1	-	-	-	-
	1x120T.2	200	12Nm (16-50mm ²)	Al	-	-	-	-	-	1	1	1	1	1	1	1	-	-	-	-
		245	22Nm (70-120mm ²)	Cu	-	-	-	-	-	3	2	2	1	1**	1	1	-	-	-	-
	1x120T.3	200	12Nm (16-50mm ²)	Al	-	-	-	-	-	1	1	1	1	1	1	1	-	-	-	-
		245	22Nm (70-120mm ²)	Cu	-	-	-	-	-	3	2	2	1	1**	1	1	-	-	-	-
	1x120TM	200	12Nm (16-50mm ²)	Al	-	-	-	-	-	1	1	1	1	1	1	1	-	-	-	-
		245	22Nm (70-120mm ²)	Cu	-	-	-	-	-	3	2	2	1	1**	1	1	-	-	-	-
	1x150	250	12Nm (25-50mm ²)	Al	-	-	-	-	-	-	1	1	1	1	1	1	1	-	-	-
		320	22Nm (70-95mm ²)	Cu	-	-	-	-	-	-	3	3	2	1	1	1**	1	-	-	-
			38Nm (120-150mm ²)																	
	2x150	500	12Nm (25-50mm ²)	Al	-	-	-	-	-	-	1	1	1	1	1	1	1	-	-	-
		640	22Nm (70-95mm ²)	Cu	-	-	-	-	-	-	3	3	2	1	1	1**	1	-	-	-
			38Nm (120-150mm ²)																	
	2x150VB	500	12 Nm (25-50 mm ²)	Al	-	-	-	-	-	-	1	1	1	1	1	1	1	-	-	-
		640	22 Nm (70-95 mm ²)	Cu	-	-	-	-	-	-	3	3	2	1	1	1**	1	-	-	-
			38 Nm (120-150 mm ²)																	
	2x150VB	500	12 Nm (25-50 mm ²)	Al	-	-	-	-	-	-	1	1	1	1	1	1	1	-	-	-
		640	22 Nm (70-95 mm ²)	Cu	-	-	-	-	-	-	3	3	2	1	1	1**	1	-	-	-
			38 Nm (120-150 mm ²)																	
	1x240	315	25Nm (35-120mm ²)	Al	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	-
		425	55Nm (150-240mm ²)	Cu	-	-	-	-	-	-	-	3	3	2	1	1	1	1**	1	-
	2x240	630	25Nm (35-120mm ²)	Al	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	-
		850	55Nm (150-240mm ²)	Cu	-	-	-	-	-	-	-	3	3	2	1	1	1	1**	1	-
	2x240VB	630	25Nm (35-120mm ²)	Al	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	-
		850	55Nm (150-240mm ²)	Cu	-	-	-	-	-	-	-	3	3	2	1	1	1	1**	1	-
	2x240VM	630	25Nm (35-120mm ²)	Al	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	-
		850	55Nm (150-240mm ²)	Cu	-	-	-	-	-	-	-	3	3	2	1	1	1	1**	1	-
	1x300	400	45 Nm (95-120 mm2)	Al	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1
		520	75 Nm (150-300 mm2)	Cu	-	-	-	-	-	-	-	-	-	-	2	2	1	1	1**	1
	2x300	800	45 Nm (95-120 mm2)	Al	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1
		1040	75 Nm (150-300 mm2)	Cu	-	-	-	-	-	-	-	-	-	-	2	2	1	1	1**	1
	2x300VB	800	45 Nm (95-120 mm2)	Al	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1
		1040	75 Nm (150-300 mm2)	Cu	-	-	-	-	-	-	-	-	-	-	2	2	1	1	1**	1
	2x300VM	800	45 Nm (95-120 mm2)	Al	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1
		1040	75 Nm (150-300 mm2)	Cu	-	-	-	-	-	-	-	-	-	-	2	2	1	1	1**	1

** Biggest fine-strand conductors

Cu conductors may be solid, multi-strand or fine-strand conductors. With fine strand conductors use of cable end sleeve is recommended but not required.

COMPATIBILITY TABLE KATKO SWITCHES AND CABLE CONNECTORS

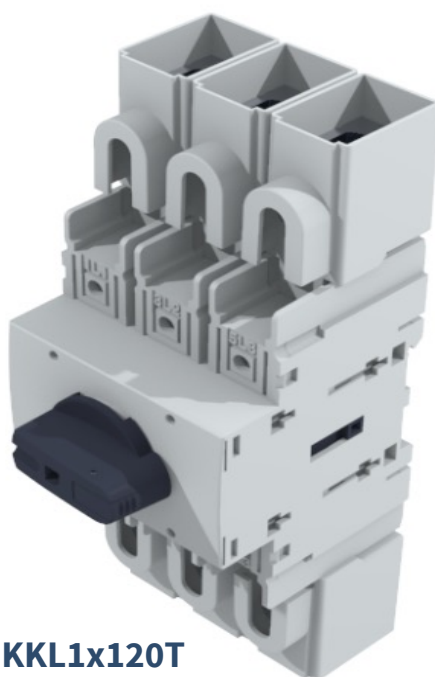


SPREADER

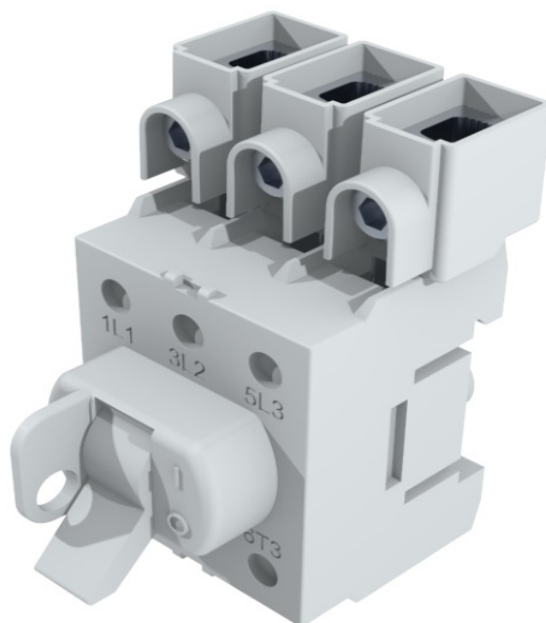
KU 3800 + 3 x KKL2x300VB (TOP) + 3 x KKL2x300VB (BOTTOM) + 3 x KKL1x300 (BOTTOM)

- Following tables show compatibility of KATKO switches and cable connectors and most common combinations
- With spreaders it is possible to mount different combinations of connectors and switches that are not shown in these tables. Ask your local sales person for more information.

Switch	KU					
A	16 - 40	63 - 80 (3-pole)	100 - 160 (3-pole)	160L + 200 - 250	315 - 400	630 - 800 (3-pole)
16 mm ²	KKL1x16 (only top)	KKL1x16 (only top)	-	-	-	-
50 mm ²	KKL1x50M (only top)	KKL 1x50T2	KKL1x50T2	KKL2x50	-	-
95 mm ²	-	-	-	KKL1x95	-	-
120 mm ²	-	-	KKL1x120T	-	-	-
150 mm ²	-	-	-	KKL1x150, KKL2x150VM	KKL1x150, KKL2x150VM	KKL2x150, KKL2x150VB, KKL2x150VM, KLH2x150
240 mm ²	-	-	-	KKL2x150VB, KL- H2x150	KKL2x150VB, KLH2x150	KKL2x240, KKL2x240VB, KKL2x240VM, KLH2x240
300 mm ²	-	-	-	-	-	KKL2x300, KKL2x300VB, KKL2x300VM, KLH2x300

**KU 3160 + 3 x KKL1x120T**

Switch	VKE			
A	125 - 160	200 - 250	315 - 400	630
16 mm ²	-	-	-	-
50 mm ²	KKL1x50T2	KKL2x50	KKL2x50	-
95 mm ²	-	KKL1x95, KKL2x95	KKL2x95	-
120 mm ²	KKL1x120T2	KKL1x120RS	-	-
150 mm ²	KKL1x150T2 + LS125	KKL1x150, KKL2x150LR, KLH2x150, KKL2x150VM, KKL2x150VB	KKL1x150, KKL2x150LR, KLH2x150, KKL2x150VM, KKL2x150VB	KKL2x150, KKL2x150VB, KKL2x150VM, KLH2x150
240 mm ²	-	KKL1x240, KKL2x240LR, KLH2x240, KKL2x240VB, KKL2x240VM	KKL1x240, KKL2x240LR, KLH2x240, KKL2x240VB, KKL2x240VM	KKL2x240, KKL2x240VB, KKL2x240VM, KLH2x240
300 mm ²	-	-	-	KKL2x300, KKL2x300VB, KKL2x300VM, KLH2x300



KUE 363 + 3 x KKL1x50T2

Switch	KUE		EVA		VKA
A	16 - 40 (3-pole)	63 - 125 (3-pole)	125 - 160	200 - 250	200 - 250
16 mm ²	KKL1x16 (only top)	KKL1x16 (only top)	-	-	-
50 mm ²	KKL1x50M (only top)	KKL 1x50T2	KKL1x50T2	KKL2x50	KKL2x50
95 mm ²	-	-	-	KKL1x95	KKL1x95
120 mm ²	-	-	KKL1x120T1 + KKL1x120T2 + KKL1x120T3	KKL1x120RS	KKL1x120RS
150 mm ²	-	-	-	-	-
240 mm ²	-	-	-	-	-
300 mm ²	-	-	-	-	-


KVKE 3630 + 6 x KKL2x150

Switch	KVKE			
A	63 - 160 (3-pole)	200 - 250 (3-pole)	315 - 400	630
16 mm ²	-	-	-	-
50 mm ²	KKL1x50T2	KKL2x50	KKL2x50	-
95 mm ²	-	KKL1x95, KKL2x95	KKL2x95	-
120 mm ²	KKL1x120T2	KKL1x120RS	-	-
150 mm ²	KKL1x150T2 + LS125	KKL1x150, KKL2x150LR, KLH2x150, KKL2x150VM, KKL2x150VB	KKL1x150, KKL2x150LR, KLH2x150, KKL2x150VM, KKL2x150VB	KKL2x150, KKL2x150VB, KKL2x150VM
240 mm ²	-	KKL1x240, KKL2x240LR, KLH2x240, KKL2x240VB, KKL2x240VM	KKL1x240, KKL2x240LR, KLH2x240, KKL2x240VB, KKL2x240VM	KKL2x240, KKL2x240VB, KKL2x240VM, KLH2x240
300 mm ²	-	-	-	KKL2x300, KKL2x300VB, KKL2x300VM, KLH2x300



ConnectSafe

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