



Connection materials

AKN – CU/AL aansluit-/aftak- klem

Electrical standard

IEC/EN 60947-7-1

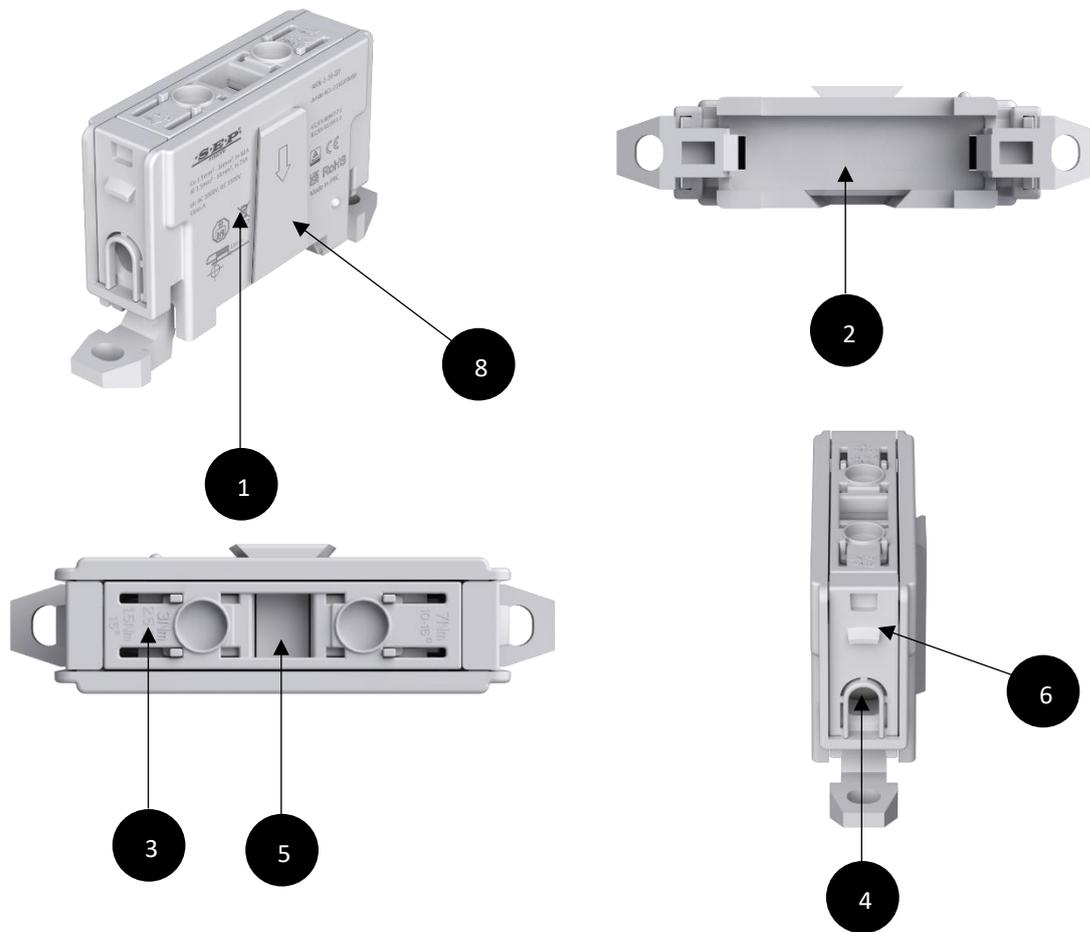
IEC/EN 60947-7-2



	<p>Failure to follow these instructions can result in death, serious injury, or component and equipment damage.</p>		<p>Het negeren van deze instructies kan leiden tot de dood, ernstig letsel of schade aan apparaat en apparatuur.</p>
 	<ul style="list-style-type: none"> ▪ Danger ▪ Installation by electricians only ▪ Disconnect before carrying out the installation 	 	<ul style="list-style-type: none"> ▪ Gevaar ▪ Montage alleen door elektromonteurs ▪ Koppel het apparaat los voordat u de installatie uitvoert
<p>PLEASE NOTE</p>		<p>BELANGERIJKE OPMERKING</p>	
<ul style="list-style-type: none"> ▪ The installation, maintenance and eventual replacement of this device must only be carried out by a qualified electrician. ▪ This device must not be repaired. ▪ All applicable local, regional and national regulations must be complied with during the installation, use, maintenance and replacement of this device. ▪ This device should not be installed if, when unpacking it, you observe that it is damaged. ▪ We cannot be held responsible in the event of noncompliance with the instructions in this document and in the documents to which it refers. ▪ The service instruction must be observed throughout the life time of this device. 		<ul style="list-style-type: none"> ▪ Het installeren, onderhouden en eventueel vervangen van dit apparaat mag uitsluitend worden verricht door een bevoegde technicus. ▪ Dit apparaat mag niet worden gerepareerd. ▪ Bij het installeren, bedienen, onderhouden en vervangen van dit apparaat dienen alle toepasselijke lokale, regionale en nationale regels te worden nageleefd. ▪ Dit apparaat mag niet worden geïnstalleerd als u schade constateert bij het uitpakken. ▪ Wij kunnen niet aansprakelijk worden gesteld in geval van niet-naleving van de instructies van dit document en van andere documenten waarnaar het verwijst. ▪ De Onderhoudshandleiding moet worden bewaard gedurende de hele levenscyclus van dit apparaat. 	
<p>HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH</p>		<p>GEVAAR VAN ELEKTRISCHE SCHOKKEN, ONTPLOFFING EN VLAMBOGEN</p>	
<ul style="list-style-type: none"> ▪ Turn off all power supplying this product before working on it. ▪ Use a voltage tester with a suitable rated voltage in order to check that all active conductors are not energized. 		<ul style="list-style-type: none"> ▪ Schakel alle voedingseenheden van dit apparaat uit, voordat u onderhoud verricht. ▪ Maak gebruik van een spanningstester met een adequate nominale spanning om u ervan te verzekeren dat er geen spanning aanwezig is op een actieve geleider. 	
<p>HAZARD OF CLOSING ON ELECTRICAL FAULT</p>		<p>GEVAAR BIJ AFSLUITEN IN GEVAL VAN ELEKTRISCHE STORING</p>	
<p>Do not close the device without first inspecting and, if necessary, repairing the downstream electrical equipment.</p>		<p>Sluit het apparaat niet zonder eerst de elektrische apparatuur stroomafwaarts te inspecteren en, indien nodig, te repareren.</p>	



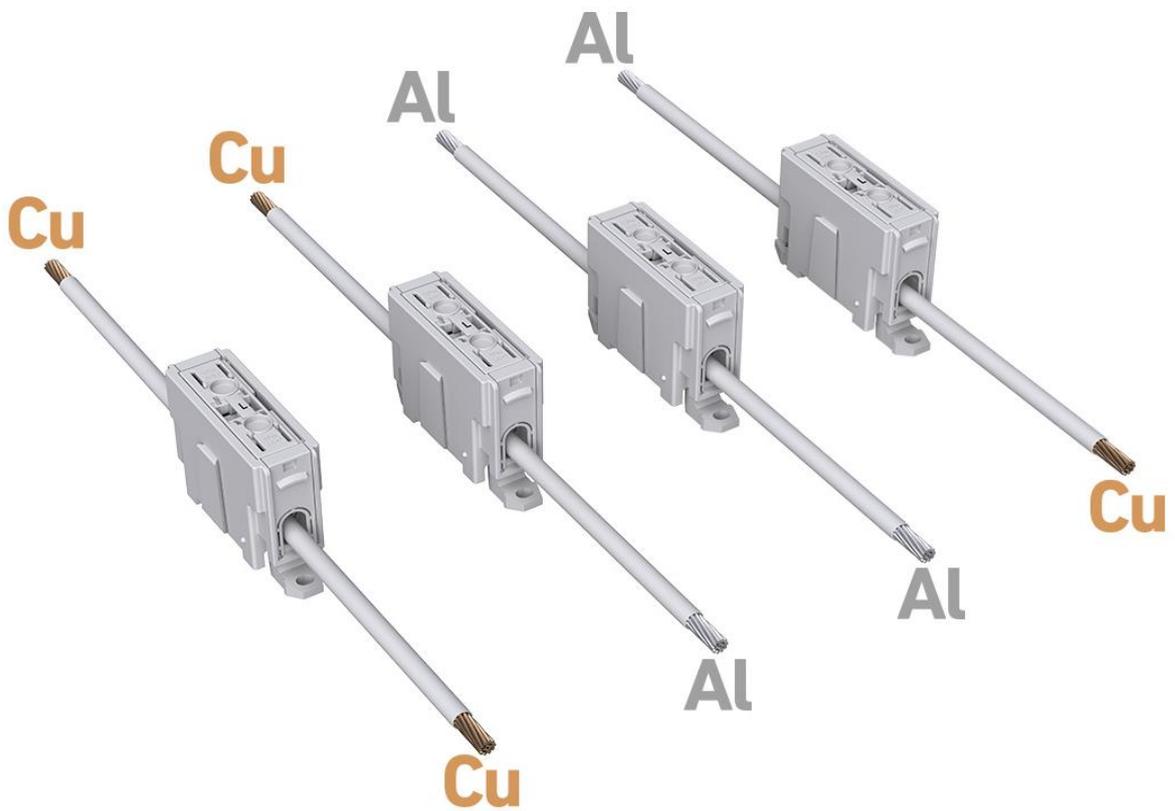
1)



	EN	NL
1	Information	Informatie
2	Mounting	Bevestiging
3	Terminal protection clip	Schroef afdekking (schuif)
4	Cage	Kooi
5	Terminal marker (optional)	Klem markering (optioneel)
6	Cable closing	Kabel afscherming
7	Add-on part	Koppel deel



Types of connection:





2)

Grey / Grijs



Blue / Blauw



Green-Yellow / Groen-Geel



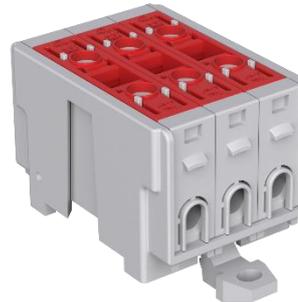
Brown / Bruin



Black / Zwart



Red / Rood

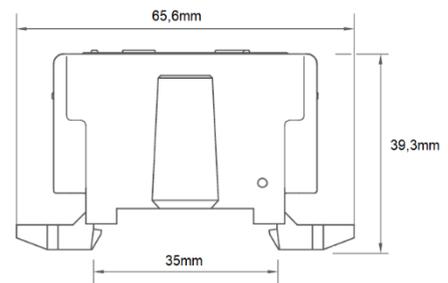
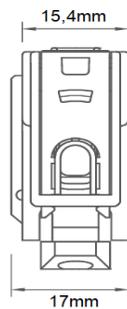


Copper 82A

Aluminium 75A



Ordering data	Article no.	Qty
AKN-1-16-BN	2110200010	18
AKN-1-16-BK	2110200020	18
AKN-1-16-GY	2110200030	18
AKN-1-16-BL	2110200040	18
AKN-1-16-GNYE	2110200050	18
AKN-1-16-RD	2110200060	18



							Aluminium
	12mm	1,5-16mm ²	1,5-16mm ²	HEX4	3,5Nm	7Nm	7Nm
Poles	1	Connections		2	2,5-6mm ²	10-16mm ²	16mm ²

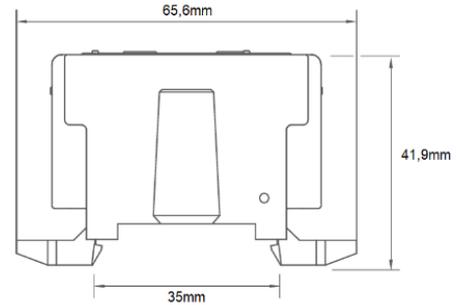
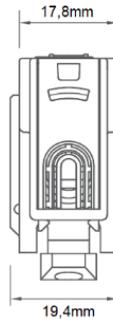


Copper 135A

Aluminium 120A



Ordering data	Article no.	Qty
AKN-1-35-BN	2110200070	15
AKN-1-35-BK	2110200080	15
AKN-1-35-GY	2110200090	15
AKN-1-35-BL	2110200100	15
AKN-1-35-GNYE	2110200110	15
AKN-1-35-RD	2110200120	15



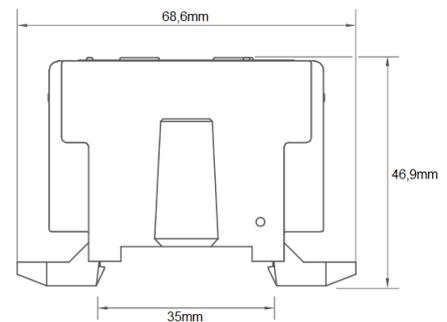
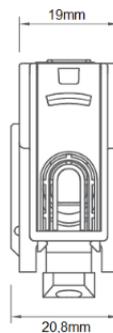
								Aluminium
13mm		2,5-35mm ²	2,5-35mm ²	HEX4	3 Nm	6Nm	3Nm	6Nm
Poles	1	Connections	2		2,5-16mm ²	25-35mm ²	16mm ²	25-35mm ²

Copper 160A

Aluminium 145A



Ordering data	Article no.	Qty
AKN-1-50-BN	2110200070	14
AKN-1-50-BK	2110200140	14
AKN-1-50-GY	2110200150	14
AKN-1-50-BL	2110200160	14
AKN-1-50-GNYE	2110200170	14
AKN-1-50-RD	2110200180	14



								Aluminium
16mm		2,5-50mm ²	2,5-50mm ²	HEX5	4 Nm	12Nm	12Nm	
Poles	1	Connections	2		2,5-4mm ²	6-50mm ²	16-50mm ²	

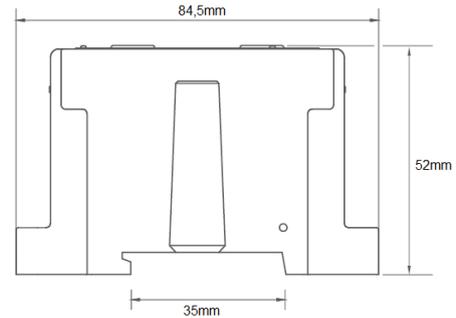
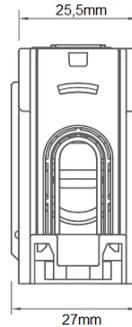


Copper 245A

Aluminium 200A



Ordering data	Article no.	Qty
AKN-1-95-BN	2110200190	5
AKN-1-95-BK	2110200200	5
AKN-1-95-GY	2110200210	5
AKN-1-95-BL	2110200220	5
AKN-1-95-GNYE	2110200230	5
AKN-1-95-RD	2110200240	5



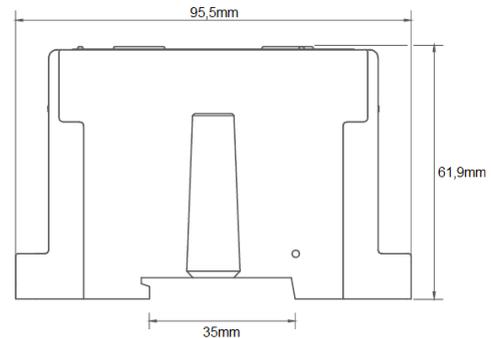
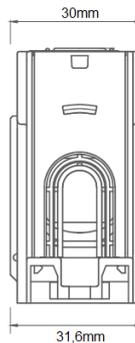
						Aluminium	
22mm	16-95mm ²	16-95mm ²	HEX5	20Nm	20Nm	20Nm	20Nm
Poles	1	Connections	2	16-95mm ²	16-95mm ²	16-95mm ²	16-95mm ²

Copper 320A

Aluminium 290A



Ordering data	Article no.	Qty
AKN-1-150-BN	2110200250	5
AKN-1-150-BK	2110200260	5
AKN-1-150-GY	2110200270	5
AKN-1-150-BL	2110200280	5
AKN-1-150-GNYE	2110200290	5
AKN-1-150-RD	2110200300	5



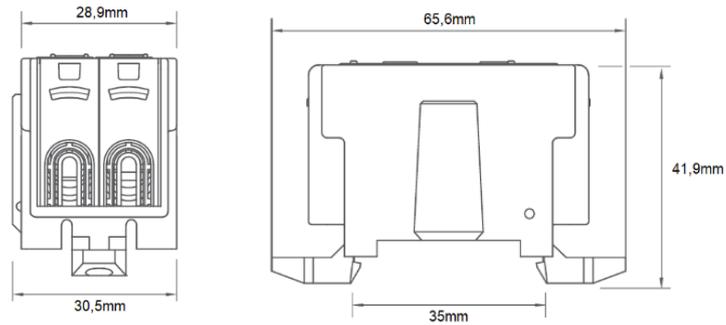
						Aluminium	
26mm	35-150mm ²	35-150mm ²	HEX8	20Nm	30Nm	20Nm	30Nm
Poles	1	Connections	2	35-95mm ²	120-150mm ²	35-95mm ²	120-150mm ²



Copper 135A Aluminium 120A



Ordering data	Article no.	Qty
AKN-2-35-BN	2110200430	9
AKN-2-35-BK	2110200440	9
AKN-2-35-GY	2110200450	9
AKN-2-35-BL	2110200460	9
AKN-2-35-GNYE	2110200470	9
AKN-2-35-RD	2110200480	9

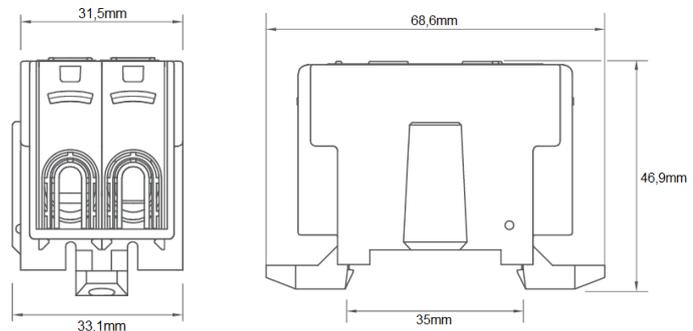


									Aluminium
13mm	2,5-35mm ²	2,5-35mm ²	HEX4	3 Nm	6Nm	3Nm	6Nm	3Nm	6Nm
Poles	2	Connections	4	2,5-16mm ²	25-35mm ²	16mm ²	25-35mm ²	16mm ²	25-35mm ²

Copper 160A Aluminium 145A



Ordering data	Article no.	Qty
AKN-2-50-BN	2110200490	8
AKN-2-50-BK	2110200500	8
AKN-2-50-GY	2110200510	8
AKN-2-50-BL	2110200520	8
AKN-2-50-GNYE	2110200530	8
AKN-2-50-RD	2110200540	8



									Aluminium
13mm	2,5-50mm ²	2,5-50mm ²	HEX5	4 Nm	12Nm	12Nm	12Nm	12Nm	12Nm
Poles	2	Connections	4	2,5-4mm ²	6-50mm ²	16-50mm ²	16-50mm ²	16-50mm ²	16-50mm ²

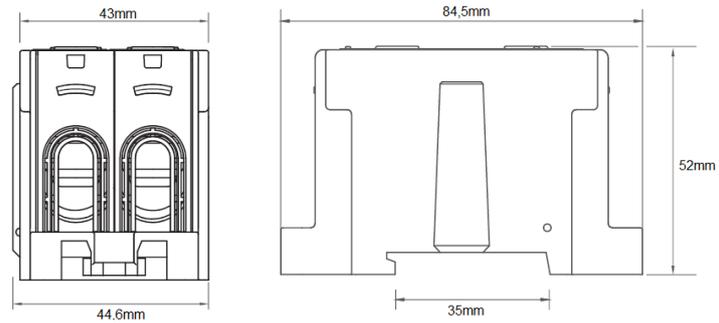


Copper 245A

Aluminium 200A



Ordering data	Article no.	Qty
AKN-2-95-BN	2110200550	3
AKN-2-95-BK	2110200560	3
AKN-2-95-GY	2110200570	3
AKN-2-95-BL	2110200580	3
AKN-2-95-GNYE	2110200590	3
AKN-2-95-RD	2110200600	3



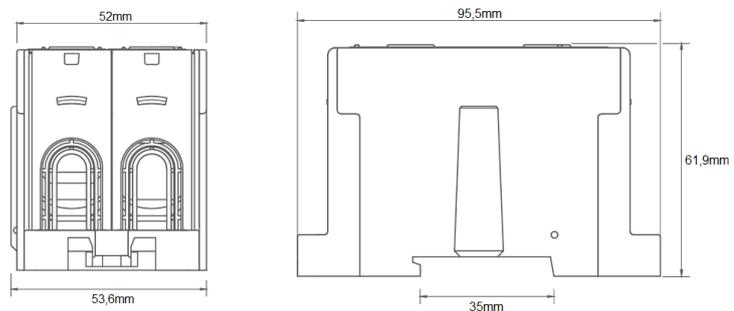
						Aluminium
	22mm	16-95mm ²	16-95mm ²	HEX5	20Nm	20Nm
Poles	2	Connections	4		16-95mm ²	16-95mm ²

Copper 320A

Aluminium 290A



Ordering data	Article no.	Qty
AKN-2-150-BN	2110200610	3
AKN-2-150-BK	2110200620	3
AKN-2-150-GY	2110200630	3
AKN-2-150-BL	2110200640	3
AKN-2-150-GNYE	2110200650	3
AKN-2-150-RD	2110200660	3



						Aluminium		
	26mm	35-150mm ²	35-150mm ²	HEX8	20Nm	30Nm	20Nm	30Nm
Poles	2	Connections	4		35-95mm ²	120-150mm ²	35-95mm ²	120-150mm ²

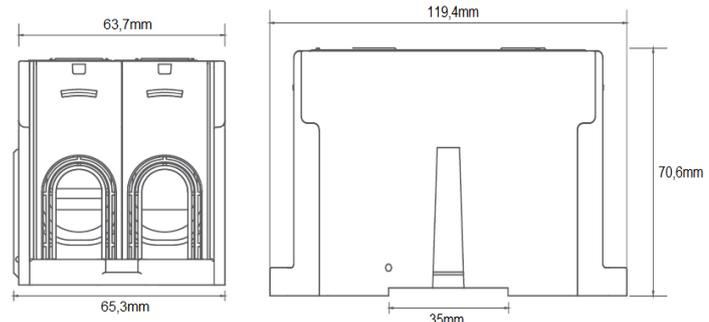


Copper 425A

Aluminium 380A



Ordering data	Article no.	Qty
AKN-2-240-BN	2110200670	1
AKN-2-240-BK	2110200680	1
AKN-2-240-GY	2110200690	1
AKN-2-240-BL	2110200700	1
AKN-2-240-GNYE	2110200710	1
AKN-2-240-RD	2110200720	1



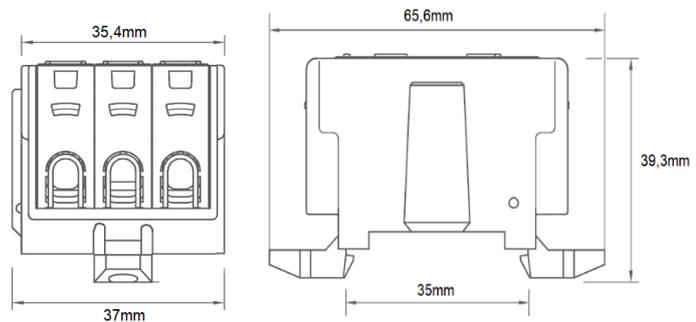
Poles		Connections		Torque		Aluminium	
30mm	2	35-240mm ²	4	12Nm	45Nm	12Nm	45Nm
				35-70mm ²	95-150mm ²	35-240mm ²	95-240mm ²

Copper 82A

Aluminium 75A



Ordering data	Article no.	Qty
AKN-3-16-BN	2110200730	8
AKN-3-16-BK	2110200740	8
AKN-3-16-GY	2110200750	8
AKN-3-16-BL	2110200760	8
AKN-3-16-GNYE	2110200770	8
AKN-3-16-RD	2110200780	8



Poles		Connections		Torque		Aluminium	
12mm	3	1,5-16mm ²	6	3,5Nm	7Nm	7Nm	
				2,5-6mm ²	10-16mm ²	16mm ²	

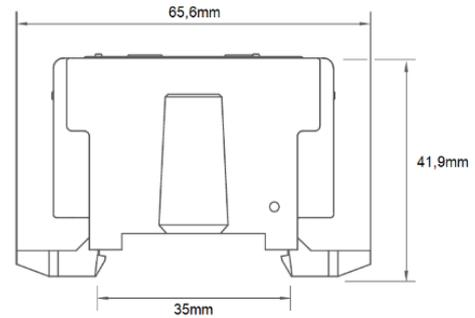
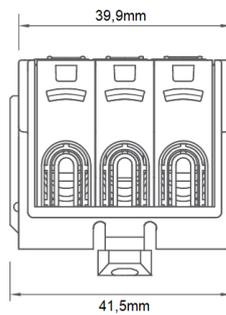


Copper 135A

Aluminium 120A



Ordering data	Article no.	Qty
AKN-3-35-BN	2110200790	7
AKN-3-35-BK	2110200800	7
AKN-3-35-GY	2110200810	7
AKN-3-35-BL	2110200820	7
AKN-3-35-GNYE	2110200830	7
AKN-3-35-RD	2110200840	7



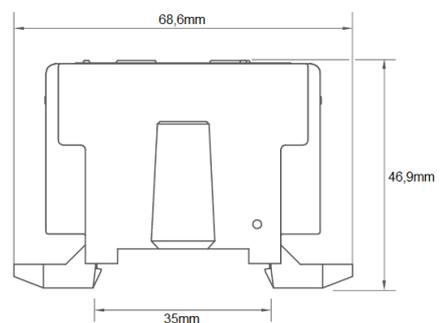
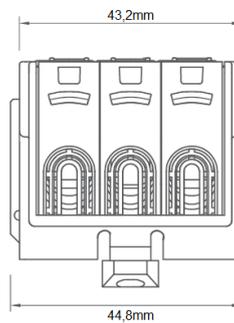
						Aluminium	
13mm	2,5-35mm ²	2,5-35mm ²	HEX4	3 Nm	6Nm	3Nm	6Nm
Poles	3	Connections	6	2,5-16mm ²	25-35mm ²	16mm ²	25-35mm ²

Copper 160A

Aluminium 145A



Ordering data	Article no.	Qty
AKN-3-50-BN	2110200850	6
AKN-3-50-BK	2110200860	6
AKN-3-50-GY	2110200870	6
AKN-3-50-BL	2110200880	6
AKN-3-50-GNYE	2110200890	6
AKN-3-50-RD	2110200900	6



						Aluminium	
13mm	2,5-50mm ²	2,5-50mm ²	HEX5	4 Nm	12Nm	12Nm	
Poles	3	Connections	6	2,5-4mm ²	6-50mm ²	16-50mm ²	

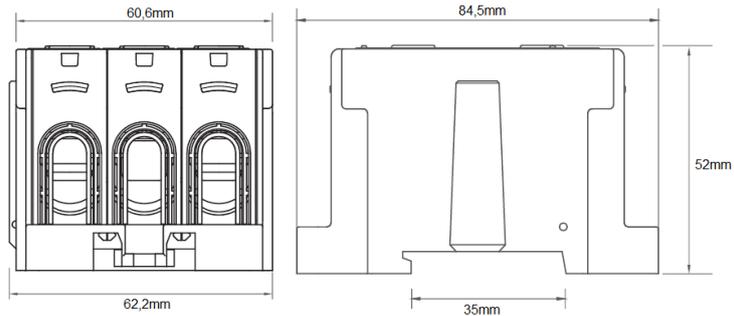


Copper 245A

Aluminium 200A



Ordering data	Article no.	Qty
AKN-3-95-BN	2110200910	2
AKN-3-95-BK	2110200920	2
AKN-3-95-GY	2110200930	2
AKN-3-95-BL	2110200940	2
AKN-3-95-GNYE	2110200950	2
AKN-3-95-RD	2110200960	2



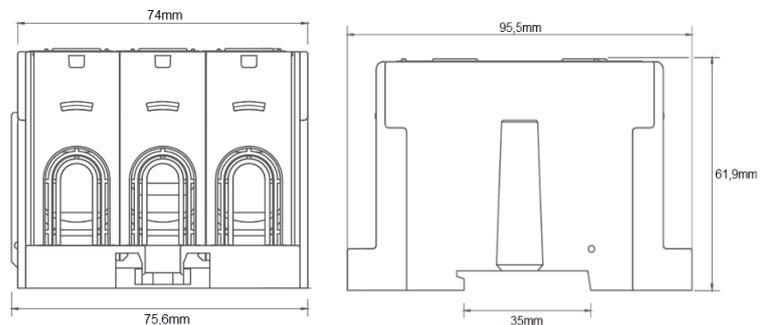
						Aluminium
22mm	16-95mm ²	16-95mm ²	HEX5	20Nm		20Nm
Poles	3	Connections	6	16-95mm ²	16-95mm ²	16-95mm ²

Copper 320A

Aluminium 290A



Ordering data	Article no.	Qty
AKN-3-150-BN	2110200970	2
AKN-3-150-BK	2110200980	2
AKN-3-150-GY	2110200990	2
AKN-3-150-BL	2110201000	2
AKN-3-150-GNYE	2110201010	2
AKN-3-150-RD	2110201020	2



						Aluminium	
26mm	35-150mm ²	35-150mm ²	HEX8	20Nm	30Nm	20Nm	30Nm
Poles	3	Connections	6	35-95mm ²	120-150mm ²	35-95mm ²	120-150mm ²

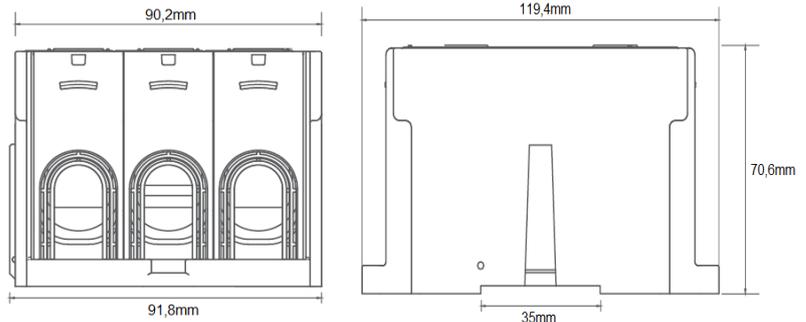


Copper 425A

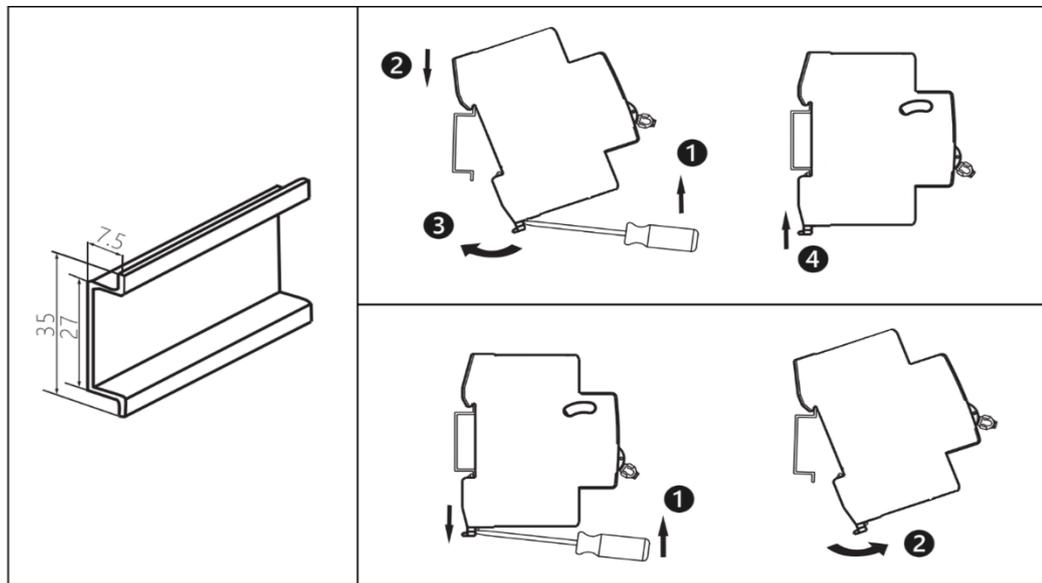
Aluminium 380A



Ordering data	Article no.	Qty
AKN-3-240-BN	2110201030	1
AKN-3-240-BK	2110201040	1
AKN-3-240-GY	2110201050	1
AKN-3-240-BL	2110201060	1
AKN-3-240-GNYE	2110201070	1
AKN-3-240-RD	2110201080	1



30mm		35-240mm ²		35-240mm ²		HEX8		12Nm		45Nm		Aluminium	
Poles	3	Connections	6	35-70mm ²	95-150mm ²	35-240mm ²	95-240mm ²	12Nm	45Nm	12Nm	45Nm	12Nm	45Nm



EN	As standards, specifications and designs develop from time to time, always ask for confirmation of the information given in this publication.	
NL	Aangezien normen, specificaties en ontwerpen zich van tijd tot tijd ontwikkelen, dient u altijd om bevestiging te vragen van de informatie in deze publicatie.	