









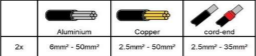

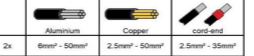
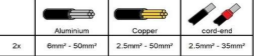
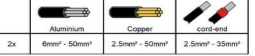


	CU 160A / AL 145A 1 polig 1000VAC / 1500VDC	CU 160A / AL 145A 1 polig 1000VAC / 1500VDC	CU 160A / AL 145A 1 polig 1000VAC / 1500VDC	CU 160A / AL 145A 1 polig 1000VAC / 1500VDC	CU 160A / AL 145A 1 polig 1000VAC / 1500VDC
					
					
					
Brand name	SEP Europe	SEP Europe	SEP Europe	SEP Europe	SEP Europe
Article Number	2110205011	2110205012	2110205013	2110205014	2110205015
Type	AKN-50-11	AKN-50-12	AKN-50-13	AKN-50-14	AKN-50-15
Description	Universal compact terminal, CU/AL, 2,5-50mm <sup>2</sup> , 1p, grey	Universal compact terminal, CU/AL, 2,5-50mm <sup>2</sup> , 1p, blue	Universal compact terminal, CU/AL, 2,5-50mm <sup>2</sup> , 1p, yellow/green	Universal compact terminal, CU/AL, 2,5-50mm <sup>2</sup> , 1p, red	Universal compact terminal, CU/AL, 2,5-50mm <sup>2</sup> , 1p, black
EAN code	8718959017261	8718959017278	8718959017285	8718959017292	8718959017308
<b>Technical specifications</b>					
Housing	Fiberglass reinforced polyamide	Fiberglass reinforced polyamide	Fiberglass reinforced polyamide	Fiberglass reinforced polyamide	Fiberglass reinforced polyamide
Connector class	A	A	A	A	A
Standards	EN60947-7-1 / EN61238-1	EN60947-7-1 / EN61238-1	EN60947-7-1 / EN61238-1	EN60947-7-1 / EN61238-1	EN60947-7-1 / EN61238-1
Nom current	CU 160A / Al 145A	CU 160A / Al 145A	CU 160A / Al 145A	CU 160A / Al 145A	CU 160A / Al 145A
Max voltage	1000VAC / 1500VDC	1000VAC / 1500VDC	1000VAC / 1500VDC	1000VAC / 1500VDC	1000VAC / 1500VDC
Conductor cross-section	CU 2,5-50 mm <sup>2</sup> - Al 6-50mm <sup>2</sup>	CU 2,5-50 mm <sup>2</sup> - Al 6-50mm <sup>2</sup>	CU 2,5-50 mm <sup>2</sup> - Al 6-50mm <sup>2</sup>	CU 2,5-50 mm <sup>2</sup> - Al 6-50mm <sup>2</sup>	CU 2,5-50 mm <sup>2</sup> - Al 6-50mm <sup>2</sup>
Conductor size	1 / 0-6	1 / 0-6	1 / 0-6	1 / 0-6	1 / 0-6
Dimensions LxBxH	63,6 x 17,5 x 43,5mm	63,6 x 17,5 x 43,5mm	63,6 x 17,5 x 43,5mm	63,6 x 17,5 x 43,5mm	63,6 x 17,5 x 43,5mm
Weight	0.040 kg	0.040 kg	0.040 kg	0.040 kg	0.040 kg
Flammability according UL94	V0	V0	V0	V0	V0
Mounting	DIN-rail / mountingplate	DIN-rail / mountingplate	DIN-rail / mountingplate	DIN-rail / mountingplate	DIN-rail / mountingplate
Number of poles	1	1	1	1	1
Screwhead	Hexagon	Hexagon	Hexagon	Hexagon	Hexagon
Screwhead size	5mm	5mm	5mm	5mm	5mm
Operating temperature	-5 - 80°C	-5 - 80°C	-5 - 80°C	-5 - 80°C	-5 - 80°C
Torque	4Nm (2,5-4mm <sup>2</sup> ) / 12Nm (6-50mm <sup>2</sup> )	4Nm (2,5-4mm <sup>2</sup> ) / 12Nm (6-50mm <sup>2</sup> )	4Nm (2,5-4mm <sup>2</sup> ) / 12Nm (6-50mm <sup>2</sup> )	4Nm (2,5-4mm <sup>2</sup> ) / 12Nm (6-50mm <sup>2</sup> )	4Nm (2,5-4mm <sup>2</sup> ) / 12Nm (6-50mm <sup>2</sup> )
Pollution degree	3	3	3	3	3
<b>ETIM Classification</b>					
ETIM	EC000897	EC000897	EC000897	EC000897	EC000897
Connectable conductor cross section fine-strand with cable end sleeve	2,5-35mm <sup>2</sup>	2,5-35mm <sup>2</sup>	2,5-35mm <sup>2</sup>	2,5-35mm <sup>2</sup>	2,5-35mm <sup>2</sup>
Connectable conductor cross section fine-strand without cable end sleeve	2,5-35mm <sup>2</sup>	2,5-35mm <sup>2</sup>	2,5-35mm <sup>2</sup>	2,5-35mm <sup>2</sup>	2,5-35mm <sup>2</sup>
Connectable conductor cross section single-wired	2,5-50mm <sup>2</sup>	2,5-50mm <sup>2</sup>	2,5-50mm <sup>2</sup>	2,5-50mm <sup>2</sup>	2,5-50mm <sup>2</sup>
Connectable conductor cross section multi-wired	2,5-50mm <sup>2</sup>	2,5-50mm <sup>2</sup>	2,5-50mm <sup>2</sup>	2,5-50mm <sup>2</sup>	2,5-50mm <sup>2</sup>
Rated current I <sub>n</sub>	160A	160A	160A	160A	160A
Rated voltage	1000V	1000V	1000V	1000V	1000V
Type of electrical connection 1	Screw connection	Screw connection	Screw connection	Screw connection	Screw connection
Type of electrical connection 2	Screw connection	Screw connection	Screw connection	Screw connection	Screw connection
Connection position	Sideways	Sideways	Sideways	Sideways	Sideways
Number of levels	1	1	1	1	1
Number of clamp positions per level	2	2	2	2	2
Mounting method	DIN rail (top hat rail) 35 mm	DIN rail (top hat rail) 35 mm	DIN rail (top hat rail) 35 mm	DIN rail (top hat rail) 35 mm	DIN rail (top hat rail) 35 mm
Material insulation body	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Operation temperature	-5 ... 80°C	-5 ... 80°C	-5 ... 80°C	-5 ... 80°C	-5 ... 80°C
Inflammability class of insulation material acc. with UL94	V0	V0	V0	V0	V0
Width/grid dimension	17,5mm	17,5mm	17,5mm	17,5mm	17,5mm
Height at lowest possible mounting height	43,5mm	43,5mm	43,5mm	43,5mm	43,5mm
Length	63,6mm	63,6mm	63,6mm	63,6mm	63,6mm
Explosion-tested version 'Ex e'	No	No	No	No	No
Closing plate necessary	No	No	No	No	No
Colour	Grey	Blue	Yellow/Green	Red	Black
Internal connection levels	No	No	No	No	No
<b>Default package</b>					
Unit	pcs	pcs	pcs	pcs	pcs
Innerbox	10	10	10	10	10
Package size	320	320	320	320	320
Depth	400mm	400mm	400mm	400mm	400mm
Width	295mm	295mm	295mm	295mm	295mm
Height	227mm	227mm	227mm	227mm	227mm
Weight	16,5kg	16,5kg	16,5kg	16,5kg	16,5kg
Volume	2,67 l	2,67 l	2,67 l	2,67 l	2,67 l