



PRODUCT CATALOGUE · BATTERY COMPONENTS

Battery components

Cell connectors & end cables · REMA battery connectors · Albright DC contactors ·
Micropower battery chargers · Micropower DC-DC converters

Product catalogue

Cell connectors & end cables

Frötek and MSS · Flex and Perfect connectors · end cables · rigid connectors · screws & accessories · charging cables

REMA battery connectors

Euro DIN · MRC · FT · JH · SR · SRE · SRX · explosion-proof

Albright DC contactors

SW · SU · DC motor reversing · HV500 · emergency switches

Micropower battery chargers

SC · SX · SQ · ST · SL · RC · Robust · Access · Lion · Sharp · Champ · ABC · PAC/PAP · workshop and rescue chargers

Micropower DC-DC converters

DC-DC converters · isolated and non-isolated · DC-DC chargers · equalizers · defence versions

PRODUCT RANGE

Cell connectors & end cables

Components for assembling industrial traction batteries from individual cells. MK-Controls Oy offers the range from two manufacturers — Frötek and MSS — under one set of order codes, from welded flex and Perfect-type connectors to rigid bars, terminal hardware and charging leads.

Connectors can also be supplied as complete cable assemblies with single- or multi-pole connectors and any accessories you need.

Two brands, one code. Every code is available as original Frötek or as an equivalent MSS product. State your preferred brand when ordering, e.g. Frötek VS50-110 or MSS VS50-110.

25–120

mm² standard sections

M10

standard connection

200–500 A

integrated fuse option



End cables "Flex"

ES · EH · ESU



Cell connectors "Flex"

VS · VH



End cables "Perfect"

ESPH · EHPH



Cell connectors "Perfect"

VSPH · VHPH



Rigid overmolded connectors

SV



Screws & accessories

SCR · VPH-CAP · ROND · ZGEL



Charging cables

VC · VSI · VTI

Reading an order code

VS50-110M8

■ **Type** VS = cell connector Flex

■ **Length** in mm

■ **Section** in mm²

■ **Connection** blank = M10

VS

Cell connector Flex

VH

Cell connector Flex, 120 mm² ferrule

VSPH

Cell connector Perfect

VHPH

Cell connector Perfect, 120 mm² ferrule

ES

End cable Flex

EH

End cable Flex, 120 mm² ferrule

ESU

End cable Flex, Sunlight

ESPH

End cable Perfect

EHPH

End cable Perfect, 120 mm² ferrule

SV

Rigid connector (width×thickness)

SCR

Terminal screw (-MM = with testing point)

VPH-CAP

Perfect cap (NEG / POS)

ROND

Copper ring / gasket

ZGEL

Tray cable clamp

VC · VSI · VTI

Charging cables

Suffixes

M6 / M8 connection · F3A / FUS3 = 300 A fuse · -NP uncoated

01

End cables "Flex"

Flexible take-off leads with welded cable connection and M10 terminal as standard. Supplied in standard cross-sections from 25 to 120 mm² and lengths up to 7 m.

CONNECTION	TECHNIQUE	SECTIONS	CODE FAMILY
M10 (M6 / M8 on request)	Welded · 120 mm ² ferrule	25 – 120 mm ²	ES · EH · ESU

Click any order code to open it in our webshop: mkcontrols.eu



25 mm ²		6 variants	
ORDER CODE	LENGTH (MM)	PACK	€
<u>ES25-300</u>	300	100	17,00
<u>ES25-500</u> 6102520500	500	70	17,50
<u>ES25-1000</u> 6102521000	1 000	40	18,50
<u>ES25-1200</u> 6102521200	1 200	40	21,00
<u>ES25-1500</u> 6102521500	1 500	30	24,50
<u>ES25-2000</u> 6102522000	2 000	20	29,00

35 mm ²		10 variants	
ORDER CODE	LENGTH (MM)	PACK	€
<u>ES35-300</u>	300	100	19,00
<u>ES35-500</u> 6103520500	500	70	21,00
<u>ES35-1000</u> 6103521000	1 000	40	26,50
<u>ES35-1200</u> 6103521200	1 200	40	28,50
<u>ES35-1500</u> 6103521500	1 500	30	31,00
<u>ES35-1600</u> 6103521600	1 600	20	32,50
<u>ES35-2000</u> 6103522000	2 000	20	35,50
<u>ES35-2500</u> 6103522500	2 500	16	41,50
<u>ES35-3000</u> 6103523000	3 000	16	47,00
<u>ES35-3500</u> 6103523500	3 500	10	52,00

50 mm ²		12 variants	
ORDER CODE	LENGTH (MM)	PACK	€
<u>ES50-300</u>	300	100	19,00
<u>ES50-500</u> 6105020500	500	50	21,00
<u>ES50-1000</u> 6105021000	1 000	30	31,50
<u>ES50-1200</u> 6105021200	1 200	26	34,50
<u>ES50-1500</u> 6105021500	1 500	26	37,50
<u>ES50-1600</u> 6105021600	1 600	26	39,00
<u>ES50-2000</u> 6105022000	2 000	16	43,00
<u>ES50-2500</u> 6105022500	2 500	10	55,50
<u>ES50-3000</u> 6105023000	3 000	6	58,50
<u>ES50-3200</u> 6105023200	3 200	6	68,50
<u>ES50-4000</u> 6105024000	4 000	6	83,50
<u>ES50-5000</u> 6105025000	5 000	6	102,00

70 mm ²		11 variants	
ORDER CODE	LENGTH (MM)	PACK	€
<u>ES70-300</u>	300	80	19,00
<u>ES70-500</u> 6107020500	500	50	21,00
<u>ES70-1000</u> 6107021000	1 000	20	38,00
<u>ES70-1200</u> 6107021200	1 200	16	44,00
<u>ES70-1500</u> 6107021500	1 500	16	53,00
<u>ES70-2000</u> 6107022000	2 000	10	68,50
<u>ES70-2500</u> 6107022500	2 500	8	84,00
<u>ES70-3000</u> 6107023000	3 000	6	99,50
<u>ES70-4000</u> 6107024000	4 000	6	126,00
<u>ES70-5000</u> 6107025000	5 000	6	156,00
<u>ES70-7000</u> 6107027000	7 000	2	215,00

95 mm ²		7 variants	
ORDER CODE	LENGTH (MM)	PACK	€
<u>ES95-1000</u> 6109521000	1 000	15	53,00
<u>ES95-1200</u> 6109521200	1 200	15	61,50
<u>ES95-1500</u> 6109521500	1 500	10	80,50
<u>ES95-1600</u> 6109521600	1 600	10	80,50
<u>ES95-2000</u> 6109522000	2 000	6	98,00
<u>ES95-2500</u> 6109522500	2 500	6	116,00
<u>ES95-3000</u> 6109523000	3 000	6	133,00



120 mm² version

For 120 mm² the connection is made with ferrule technique. Standard connection M10.

120 mm ²		5 variants	
ORDER CODE	LENGTH (MM)	PACK	€
EH120-1000 78011511	1 000	10	68,00
EH120-1500 78011512	1 500	10	87,00
EH120-2000 78011515	2 000	10	102,00
EH120-3000	3 000	8	168,00
EH120-5000	5 000	5	282,00



"Sunlight" version

For Sunlight batteries: slightly larger inner insulation diameter (16.5 mm) to fit the terminal. Recognisable by a notch on the outside of the insulation.

25 mm ²		6 variants	
ORDER CODE	LENGTH (MM)	PACK	€
ESU25-300	300	100	17,00
ESU25-500	500	70	17,50
ESU25-1000	1 000	40	20,00
ESU25-1200	1 200	40	21,00
ESU25-1500	1 500	30	22,50
ESU25-2000	2 000	20	25,00

35 mm ²		10 variants	
ORDER CODE	LENGTH (MM)	PACK	€
ESU35-300	300	100	19,00
ESU35-500	500	70	21,00
ESU35-1000	1 000	40	26,50
ESU35-1200	1 200	40	28,50
ESU35-1500	1 500	30	31,50
ESU35-1600	1 600	20	32,50
ESU35-2000	2 000	20	36,50
ESU35-2500	2 500	16	41,50
ESU35-3000	3 000	16	46,50
ESU35-3500	3 500	10	52,00

50 mm ²		12 variants	
ORDER CODE	LENGTH (MM)	PACK	€
ESU50-300	300	100	19,00
ESU50-500	500	50	21,00
ESU50-1000	1 000	30	28,00
ESU50-1200	1 200	26	31,50
ESU50-1500	1 500	26	37,00
ESU50-1600	1 600	26	39,00
ESU50-2000	2 000	16	46,50
ESU50-2500	2 500	10	55,50
ESU50-3000	3 000	6	65,00
ESU50-3200	3 200	6	68,50
ESU50-4000	4 000	6	83,50
ESU50-5000	5 000	6	102,00

70 mm ²		11 variants	
ORDER CODE	LENGTH (MM)	PACK	€
ESU70-300	300	80	19,00
ESU70-500	500	50	23,50
ESU70-1000	1 000	20	38,00
ESU70-1200	1 200	16	44,00
ESU70-1500	1 500	16	53,00
ESU70-2000	2 000	10	67,50
ESU70-2500	2 500	8	82,00
ESU70-3000	3 000	6	97,00
ESU70-4000	4 000	6	126,00
ESU70-5000	5 000	6	156,00
ESU70-7000	7 000	2	215,00

95 mm ²		7 variants	
ORDER CODE	LENGTH (MM)	PACK	€
ESU95-1000	1 000	15	53,00
ESU95-1200	1 200	15	61,50
ESU95-1500	1 500	10	74,50
ESU95-1600	1 600	10	79,00
ESU95-2000	2 000	6	96,00
ESU95-2500	2 500	6	118,00
ESU95-3000	3 000	6	139,00

Other versions on request

M6 and M8 connections

ES50-1500M8 = End cable Flex 50 mm² / 1500 mm, M8

Other sections: 10 / 16 / 107 mm²

ES16-1000 = End cable Flex 16 mm² / 1000 mm

UL94 V0 flammability rating available

V0: burning stops within 10 s on a vertical specimen; non-flaming drips allowed.

For these versions, please contact us.

Other lengths

ES50-800 = End cable Flex 50 mm² / 800 mm

Integrated fuse, 200–500 A (max. 70 mm²)

ES50-1000-FUS3 = End cable Flex 50 mm² / 1000 mm with 300 A fuse

02

Cell connectors "Flex"

Flexible cell - to - cell connectors with welded connection and M10 terminals. Short lengths from 75 mm for compact battery layouts.

CONNECTION	TECHNIQUE	SECTIONS	CODE FAMILY
M10 (M6 / M8 on request)	Welded · 120 mm ² ferrule	25 – 120 mm ²	VS · VH

Click any order code to open it in our webshop: mkcontrols.eu



25 mm ²		10 variants		
ORDER CODE	LENGTH (MM)	PACK	€	
<u>VS25-075</u> 6102510075	75	300	2,70	
<u>VS25-085</u>	85	300	2,90	
<u>VS25-095</u> 6102510095	95	300	3,10	
<u>VS25-110</u> 6102510110	110	300	3,20	
<u>VS25-130</u> 6102510130	130	250	3,40	
<u>VS25-150</u> 6102510150	150	250	3,60	
<u>VS25-170</u> 6102510170	170	200	3,80	
<u>VS25-190</u> 6102510190	190	200	4,20	
<u>VS25-210</u> 6102510210	210	150	4,80	
<u>VS25-300</u> 6102510300	300	100	5,60	

35 mm ²		12 variants		
ORDER CODE	LENGTH (MM)	PACK	€	
<u>VS35-075</u> 6103510075	75	300	2,90	
<u>VS35-085</u>	85	300	3,10	
<u>VS35-095</u> 6103510095	95	300	3,30	
<u>VS35-110</u> 6103510110	110	300	3,60	
<u>VS35-130</u> 6103510130	130	250	4,00	
<u>VS35-150</u> 6103510150	150	250	4,20	
<u>VS35-170</u> 6103510170	170	200	4,50	
<u>VS35-190</u> 6103510190	190	100	4,90	
<u>VS35-210</u> 6103510210	210	100	5,30	
<u>VS35-230</u> 6103510230	230	100	5,90	
<u>VS35-250</u> 6103510250	250	100	6,30	
<u>VS35-300</u> 6103510300	300	100	7,10	

50 mm ²		12 variants		
ORDER CODE	LENGTH (MM)	PACK	€	
<u>VS50-075</u> 6105010075	75	250	3,40	
<u>VS50-085</u>	85	250	3,80	
<u>VS50-095</u> 6105010095	95	250	4,10	
<u>VS50-110</u> 6105010110	110	250	4,10	
<u>VS50-130</u> 6105010130	130	200	4,60	
<u>VS50-150</u> 6105010150	150	200	5,70	
<u>VS50-170</u> 6105010170	170	150	5,70	
<u>VS50-190</u> 6105010190	190	120	6,00	
<u>VS50-210</u> 6105010210	210	120	6,30	
<u>VS50-230</u> 6105010230	230	100	6,60	
<u>VS50-250</u> 6105010250	250	100	7,20	
<u>VS50-300</u> 6105010300	300	100	8,80	

70 mm ²		9 variants		
ORDER CODE	LENGTH (MM)	PACK	€	
<u>VS70-095</u> 6107010095	95	200	5,20	
<u>VS70-110</u> 6107010110	110	200	5,60	
<u>VS70-130</u> 6107010130	130	150	6,10	
<u>VS70-150</u> 6107010150	150	150	6,80	
<u>VS70-170</u> 6107010170	170	120	7,20	
<u>VS70-190</u> 6107010190	190	120	8,00	
<u>VS70-210</u> 6107010210	210	120	8,70	
<u>VS70-250</u> 6107010250	250	100	10,50	
<u>VS70-300</u>	300	80	11,50	

95 mm ²		7 variants		
ORDER CODE	LENGTH (MM)	PACK	€	
<u>VS95-110</u> 6109510110	110	100	6,70	
<u>VS95-130</u> 6109510130	130	76	7,30	
<u>VS95-150</u> 6109510150	150	76	8,10	
<u>VS95-170</u> 6109510170	170	60	9,00	
<u>VS95-190</u> 6109510190	190	50	9,70	
<u>VS95-210</u> 6109510210	210	50	10,50	
<u>VS95-300</u> 6109510300	300	50	16,00	



120 mm² version

For 120 mm² the connection is made with ferrule technique. Standard connection M10.

120 mm ²		7 variants		
ORDER CODE	LENGTH (MM)	PACK	€	
VH120-110 78010506	110	100	15,00	
VH120-150	150	75	17,00	
VH120-170 78010546	170	75	18,00	
VH120-210 78010501	210	50	27,50	
VH120-250 78010544	250	50	27,50	
VH120-300 78010524	300	50	27,50	
VH120-450	450	40	31,50	

Other versions on request

M6 and M8 connections

VS70-300M8 = Cell connector Flex 70 mm² / 300 mm, M8

Other sections: 10 / 16 / 107 mm²

VS16-250 = Cell connector Flex 16 mm² / 250 mm

UL94 V0 flammability rating available

V0: burning stops within 10 s on a vertical specimen; non-flaming drips allowed.

For these versions, please contact us.

Other lengths

VS25-1000 = Cell connector Flex 25 mm² / 1000 mm

Integrated fuse, 200–500 A (max. 70 mm²)

VS35-350F3A = Cell connector Flex 35 mm² / 350 mm with 300 A fuse

End cables "Perfect"

Take - off leads with the Perfect (Hawker - type) terminal head and welded cable connection. Compatible with the Perfect caps and screws in chapter 06.



CONNECTION	TECHNIQUE	SECTIONS	CODE FAMILY
M10	Welded · 120 mm ² ferrule	25 – 120 mm ²	ESPH · EHPH

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25 mm ² 10 variants				50 mm ² 10 variants				95 mm ² 6 variants			
ORDER CODE	LENGTH (MM)	PACK	€	ORDER CODE	LENGTH (MM)	PACK	€	ORDER CODE	LENGTH (MM)	PACK	€
ESPH25-700 6202520700	700	45	9,50	ESPH50-600 6205020600	600	25	15,00	ESPH95-1000 6209521000	1 000	20	39,50
ESPH25-800 6202520800	800	50	11,50	ESPH50-800 6205020800	800	25	20,00	ESPH95-1200 6209521200	1 200	20	47,00
ESPH25-900 6202520900	900	45	12,00	ESPH50-1000 6205021000	1 000	25	23,00	ESPH95-1500 6209521500	1 500	15	59,50
ESPH25-1000 6202521000	1 000	40	14,00	ESPH50-1400 6205021400	1 400	20	31,50	ESPH95-2000 6209522000	2 000	10	76,50
ESPH25-1200 6202521200	1 200	40	16,00	ESPH50-1500 6205021500	1 500	20	33,00	ESPH95-2500 6209522500	2 500	5	96,00
ESPH25-1400 6202521400	1 400	30	18,50	ESPH50-1800 6205021800	1 800	15	39,50	ESPH95-3000 6209523000	3 000	5	114,00
ESPH25-1500 6202521500	1 500	30	19,50	ESPH50-2000 6205022000	2 000	15	43,50				
ESPH25-1800 6202521800	1 800	30	23,00	ESPH50-2200 6205022200	2 200	10	48,00				
ESPH25-2200 6202522200	2 200	15	27,50	ESPH50-2600 6205022600	2 600	10	56,00				
ESPH25-3000 6202523000	3 000	10	36,50	ESPH50-3000 6205023000	3 000	5	63,50				

35 mm ² 10 variants				70 mm ² 8 variants			
ORDER CODE	LENGTH (MM)	PACK	€	ORDER CODE	LENGTH (MM)	PACK	€
ESPH35-650 6203520650	650	45	13,00	ESPH70-600 6207020600	600	25	20,50
ESPH35-800 6203520800	800	50	20,00	ESPH70-800 6207020800	800	25	26,50
ESPH35-850 6203520850	850	45	20,00	ESPH70-1000 6207021000	1 000	25	32,00
ESPH35-1000 6203521000	1 000	40	20,00	ESPH70-1400 6207021400	1 400	20	43,00
ESPH35-1250 6203521250	1 250	40	22,50	ESPH70-1500 6207021500	1 500	20	46,00
ESPH35-1400 6203521400	1 400	30	24,00	ESPH70-1800 6207021800	1 800	15	54,50
ESPH35-1500 6203521500	1 500	30	26,00	ESPH70-2200 6207022200	2 200	10	65,50
ESPH35-1800 6203521800	1 800	30	30,50	ESPH70-3000 6207023000	3 000	5	89,00
ESPH35-2200 6203522200	2 200	15	37,50				
ESPH35-3000 6203523000	3 000	10	49,50				



120 mm² version

For 120 mm² the connection is made with ferrule technique. Standard connection M10.

120 mm ²		3 variants	
ORDER CODE	LENGTH (MM)	PACK	€
EHPH120-2000	2 000	5	125,00
EHPH120-2200	2 200	5	125,00
EHPH120-3000	3 000	4	161,00

Other versions on request

Other lengths

ESPH35-2750 = End cable Perfect 35 mm² / 2750 mm

Integrated fuse, 200–500 A (max. 70 mm²)

ESPH50-1500-FUS5 = End cable Perfect 50 mm² / 1500 mm with 500 A fuse

For these versions, please contact us.

Other sections: 10 / 16 mm²

ESPH16-1000 = End cable Perfect 16 mm² / 1000 mm

UL94 V0 flammability rating available

V0: burning stops within 10 s on a vertical specimen; non-flaming drips allowed.

Cell connectors "Perfect"

Perfect-type cell connectors with welded connection, for Hawker - style battery assemblies. Lengths from 80 mm.

CONNECTION	TECHNIQUE	SECTIONS	CODE FAMILY
M10	Welded · 120 mm ² ferrule	25 – 120 mm ²	VSPH · VHPH

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25 mm ²		8 variants	
ORDER CODE	LENGTH (MM)	PACK	€
VSPH25-080 6202510080	80	216	2,80
VSPH25-095 6202510095	95	192	2,90
VSPH25-110 6202510110	110	168	3,00
VSPH25-130 6202510130	130	156	3,20
VSPH25-150 6202510150	150	144	3,30
VSPH25-200 6202510200	200	120	3,90
VSPH25-250 6202510250	250	84	4,50
VSPH25-300 6202510300	300	48	5,00

35 mm ²		9 variants	
ORDER CODE	LENGTH (MM)	PACK	€
VSPH35-080 6203510080	80	216	2,90
VSPH35-095 6203510095	95	192	3,10
VSPH35-110 6203510110	110	168	3,30
VSPH35-130 6203510130	130	156	3,50
VSPH35-150 6203510150	150	144	3,60
VSPH35-170 6203510170	170	120	4,00
VSPH35-200 6203510200	200	120	4,40
VSPH35-250 6203510250	250	48	5,10
VSPH35-300 6203510300	300	48	5,50

50 mm ²		7 variants	
ORDER CODE	LENGTH (MM)	PACK	€
VSPH50-095 6205010095	95	180	3,70
VSPH50-110 6205010110	110	144	3,90
VSPH50-130 6205010130	130	144	4,30
VSPH50-150 6205010150	150	144	4,60
VSPH50-170 6205010170	170	120	4,90
VSPH50-200 6205010200	200	120	5,40
VSPH50-300 6205010300	300	60	7,00

70 mm ²		8 variants	
ORDER CODE	LENGTH (MM)	PACK	€
VSPH70-095 6207010095	95	180	4,80
VSPH70-110 6207010110	110	144	5,20
VSPH70-130 6207010130	130	144	5,60
VSPH70-150 6207010150	150	144	6,00
VSPH70-170 6207010170	170	120	6,40
VSPH70-200 6207010200	200	108	7,30
VSPH70-250 6207010250	250	84	8,20
VSPH70-300 6207010300	300	60	9,10

95 mm ²		8 variants	
ORDER CODE	LENGTH (MM)	PACK	€
VSPH95-095 6209510095	95	180	5,30
VSPH95-110 6209510110	110	144	5,80
VSPH95-130 6209510130	130	120	6,30
VSPH95-150 6209510150	150	120	6,90
VSPH95-170 6209510170	170	120	7,60
VSPH95-190 6209510190	190	100	8,20
VSPH95-210 6209510210	210	90	8,70
VSPH95-300 6209510300	300	60	11,50



120 mm² version

For 120 mm² the connection is made with ferrule technique. Standard connection M10.

120 mm ²		4 variants		
ORDER CODE	LENGTH (MM)	PACK	€	
VHPH120-095	95	100	ask	
VHPH120-110	110	100	ask	
VHPH120-165	165	50	ask	
VHPH120-340	340	30	ask	

Other versions on request

Other lengths

VSPH25-1000 = Cell connector Perfect 25 mm² / 1000 mm

Integrated fuse, 200–500 A (max. 70 mm²)

VSPH35-350F3A = Cell connector Perfect 35 mm² / 350 mm with 300 A fuse

For these versions, please contact us.

Other sections: 10 / 16 mm²

VSPH16-250 = Cell connector Perfect 16 mm² / 250 mm

UL94 V0 flammability rating available

V0: burning stops within 10 s on a vertical specimen; non-flaming drips allowed.

05

Rigid overmolded connectors

Solid copper bar connectors with overmolded insulation and M10 terminals, for fixed cell spacing.

CONNECTION	BAR	LENGTHS	CODE FAMILY
M10 (M6 / M8 on request)	30 × 3 / 30 × 5 / 30 × 10 mm	60 – 195 mm	SV

Click any order code to open it in our webshop: mkcontrols.eu



30×3 mm		90 mm ² · 14 variants	
ORDER CODE	LENGTH (MM)	€	
SV30x3-60-M10 56030060	60	ask	
SV30x3-80-M10 56030080	80	ask	
SV30x3-82-M10 56030082	82	ask	
SV30x3-85-M10 56030085	85	ask	
SV30x3-92-M10 56030092	92	ask	
SV30x3-115-M10 56030115	115	ask	
SV30x3-123-M10 56030123	123	ask	
SV30x3-125-M10 56030125	125	ask	
SV30x3-135-M10 56030135	135	ask	
SV30x3-143-M10 56030143	143	ask	
SV30x3-155-M10 56030155	155	ask	
SV30x3-163-M10 56030163	163	ask	
SV30x3-175-M10 56030175	175	ask	
SV30x3-178-M10 56030178	178	ask	

30×10 mm		300 mm ² · 5 variants	
ORDER CODE	LENGTH (MM)	€	
SV30x10-115-M10 56100115	115	ask	
SV30x10-125-M10 56100125	125	ask	
SV30x10-132-M10 56100132	132	ask	
SV30x10-135-M10 56100135	135	ask	
SV30x10-155-M10	155	ask	

30×5 mm		150 mm ² · 8 variants	
ORDER CODE	LENGTH (MM)	€	
SV30x5-115-M10 56050115	115	ask	
SV30x5-125-M10 56050125	125	ask	
SV30x5-132-M10 56050132	132	ask	
SV30x5-135-M10 56050135	135	ask	
SV30x5-155-M10 56050155	155	ask	
SV30x5-163-M10 56050163	163	ask	
SV30x5-175-M10 56050175	175	ask	
SV30x5-195-M10 56050195	195	ask	

Other versions on request

M6 and M8 connections

SV30x3-85-M8 = Rigid connector 30×3, L = 85 mm, M8, without insulation cap

20 mm width, 2 mm thick

SV20x2-61-M10 = Rigid connector 20×2, L = 61 mm, M10, without insulation cap

For these versions, please contact us.

Other lengths

Only on special request

Perfect head, 20 mm width

SVPH20x2-61-M10 = Rigid connector Perfect 20×2, L = 61 mm, M10, without insulation cap

Screws & accessories

Terminal screws with testing point, Perfect caps, copper rings, gaskets and tray cable clamps to complete the assembly.

THREAD
M10 (aux.
contact M6)

COATING
Standard · -NP
uncoated

CAPS
6 colour options

CLAMPS
25 – 120 mm²



Click any order code to open it in our webshop: mkcontrols.eu



SCR1016-MM

Screw steel M10×16, with testing point

Uncoated version: add -NP

1,20 €



SCR1018-MM

Screw steel M10×18, with testing point

Uncoated version: add -NP

0,70 €



SCR1022-MM

Screw steel M10×22, with testing point

Uncoated version: add -NP

0,90 €



SCR1025-MM

Screw steel M10×25, with testing point

Uncoated version: add -NP

2,10 €



SCR1034-MM

Screw steel M10×34, with testing point

Uncoated version: add -NP

3,20 €



SCREWAC

Screw M10×22 with auxiliary contact M6

Uncoated version: add -NP

Other dimensions on request.

13,50 €



DBM08M10 · DBM10M10

Double-sided bolt with "Fixcoat"

DBM08M10 — M8 / M10

DBM10M10 — M10 / M10

Uncoated version: add -NP

DBM08M10

ask

DBM10M10

ask



SCR121

Screw Hawker Perfect M10×20, DIN 933, V2A

Uncoated version: add -NP

1,00 €



VPH-CAP-NEG

Cap Perfect, black, with testing point

Also red, blue, orange, yellow (no warning symbol) or grey (with warning symbol)

Price on request



VPH-CAP-POS

Cap Perfect, black, without testing point

Also red, blue, orange, yellow (no warning symbol) or grey (with warning symbol)

0,50 €



ROND10-15-2.3

Copper ring M10, height 2.3 mm

Price on request



ROND10-F

Copper ring M10, 10.4 × 15 × 5 mm

Price on request

**RONDP375**

Ring gasket 37 × 10.5 × 2 mm

Price on request

**RONDP3753**

Ring gasket 37.5 × 15 × 3 mm

Price on request

**ROND10-PP-18-2**Adapter ring between "Flex"
connector and EnerSys terminal

Price on request

**ZGEL25 – ZGEL120**

Cable clamps for battery tray

ZGEL25 · ZGEL35 · ZGEL50 · ZGEL70 ·
ZGEL95 · ZGEL120 (25–120 mm²)

ZGEL25	ask
ZGEL35	ask
ZGEL50	ask
ZGEL70	ask
ZGEL95	ask
ZGEL120	ask

07

Charging cables

Charging leads for female - thread terminals and DIN poles, built to length.



SECTIONS	THREAD	INSULATION	CODE FAMILY
10 – 25 mm ²	M6 / M8 / M10	Fully insulated (DIN)	VC · VSI · VTI



Charging cable for female thread

- Cable sections 16 and 25 mm²
- Thread size M6, M8 or M10
- Several lengths available

EXAMPLE

VC16-0500M08

Charging connector 16 mm², M8, L = 500 mm



Charging cable for DIN pole "S-type"

- Cable sections 10 and 16 mm²
- Fully insulated
- Several lengths available

EXAMPLE

VSI16-0500

Charging connector S-type, insulated, 16 mm², L = 500 mm



Charging cable for DIN pole "T-type"

- Cable sections 10 and 16 mm²
- Fully insulated
- Several lengths available

EXAMPLE

VTI16-0500

Charging connector T-type, insulated, 16 mm², L = 500 mm

For full ordering codes and lengths, please contact us.

REMA battery connectors

Battery and charger connectors from REMA: the Euro DIN range to DIN 43589, high-current MRC connectors for opportunity charging, motor and twin connectors, genderless SR/SRE/SRX connectors with colour-coded voltages, and explosion-proof connectors for hazardous areas. Complete pre-assembled cables on request.

MK-Controls Oy is a REMA distributor. Contact us for prices, stock, lead times and pre-assembled cables.

DIN 43589

Euro DIN standard connectors

50 – 640 A

connector ratings

UL · CE · ATEX

approved ranges

01



Euro DIN connectors

DIN 80 · DIN 160 · DIN 320 · DIN 640

02



MRC high-current connectors

MRC 80/120 · 160/250 · 320/400

03



FT motor connectors

FT 80

04



JH twin connectors

JH 160 · JH 200

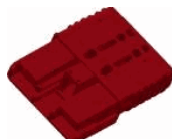
05



SR connectors

SR 50 · SR 175 · SR 350

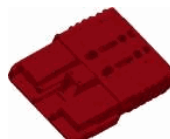
06



SRE connectors

SRE 160 · SRE 320

07



SRX connectors

SRX 175 · SRX 350

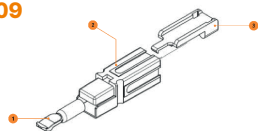
08



Explosion-proof connectors

DR E250 ex

09



Monocon connectors

Monocon 15/30/45 · 75 · 120 · 180

Contents

01 Euro DIN connectors

- DIN 80
- DIN 160
- DIN 320
- DIN 640
- RCC
- Reducing bushings

02 MRC high-current connectors

- MRC 80/120
- MRC 160/250
- MRC 320/400

03 FT motor connectors

04 JH twin connectors

05 SR connectors

- SR 50
- SR 175
- SR 350

06 SRE connectors

- SRE 160
- SRE 320

07 SRX connectors

- SRX 175
- SRX 350

08 Explosion-proof connectors

09 Monocon connectors

- Monocon 15/30/45
- Monocon 75
- Monocon 120
- Monocon 180

01

Euro DIN connectors

DIN 80 · DIN 160 · DIN 320 · DIN 640 · RCC · Reducing bushings

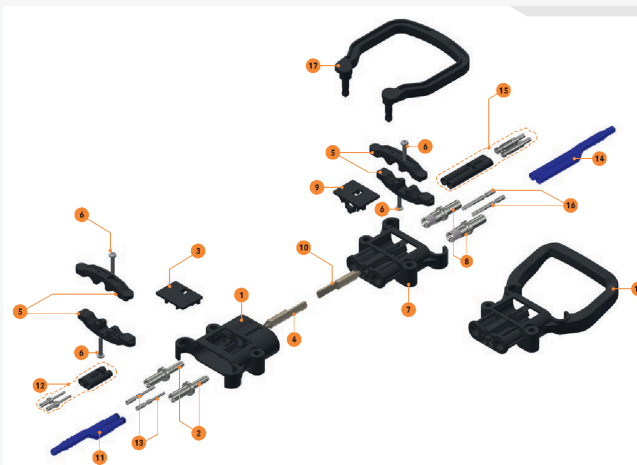
Quick-disconnect battery connectors to DIN 43589 for forklifts, aerial lifts, floor cleaners, utility vehicles and chargers. Glass-fibre reinforced, acid-resistant housings and silver-plated E-Cu crimp contacts; coding pins, air adapters, pilot and auxiliary contacts and handles are all interchangeable. The DIN 640 size covers high-current and fast-charging applications.



STANDARD	SIZES	CABLE	APPROVALS
DIN 43589 · EN 1175-1	80 · 160 · 320 · 640 A	6 – 240 mm ²	UL 1977 · CE

Prices in EUR excl. VAT. Prices marked "ask": request a quote.

DIN 80



DIN 80 PLUG AND SOCKET – DRAWING © REMA · NUMBERS = POS. IN THE TABLES

DIN 80 · Socket (female)			
POS.	ORDER CODE	DESCRIPTION	€
5(2x)/6/7/8/9/10	108913 old 95306-00	DIN 80 socket · 16 mm ² · grey coding · acid resistant	19,50
5(2x)/6/7/8/9/10	108919 old 95309-00	DIN 80 socket 25 mm ² · grey coding · acid resistant	20,00
5(2x)/6/7/8/9/10	108922 old 95309-10	DIN 80 socket 35 mm ² · grey coding · acid resistant	23,50
5/6/7/9	108943 old 95425-01	DIN 80 housing socket (cable clamp, locking device) · acid resistant	6,90
8	108691 old 75317-00	DIN 80 main contact 16 mm ² for socket (1 pc.)	6,80
8	108693 old 75318-00	DIN 80 main contact 25 mm ² for socket (1 pc.)	6,90
8	108695 old 75319-00	DIN 80 main contact 35 mm ² for socket (1 pc.)	8,90
10 	100072 old 75435-00	DIN 80 coding pin grey (wet)	1,40
10 	100075 old 75438-00	DIN 80 coding pin green (dry)	1,40

POS.	ORDER CODE	DESCRIPTION	€
14	100468 old 75070-42	DIN 80 air adapter socket (6 / 8 mm connection) · light blue	11,50
15	108657 old 75289-00	DIN 80 pilot contact set socket (incl. pilot adapter)	10,50
16	121567 old 75240-02	DIN 80 auxiliary contact for socket (1 pc.)	5,00
5(2x)/6/8/9/10/18	108914 old 95306-01	DIN 80 socket · 16 mm ² · grey coding · fixed handle · acid resistant	22,50
5(2x)/6/8/9/10/18	108935 old 95342-01	DIN 80 socket · 25 mm ² · grey coding · fixed handle · acid resistant	21,50
5(2x)/6/8/9/10/18	108920 old 95309-01	DIN 80 socket 35 mm ² · grey coding · fixed handle · acid resistant	25,50
18	108945 old 95425-05	DIN 80 housing socket (cable clamp, locking device) · fixed handle · acid resistant	8,70
	108715 old 75425-01	DIN 80 housing socket (cable clamp, locking device) · black	ask

POS.	ORDER CODE	DESCRIPTION	€
	108717 old 75425-05	DIN 80 housing socket (cable clamp, locking device) · fixed handle · black	ask

DIN 80 · Plug (male)

POS.	ORDER CODE	DESCRIPTION	€
1/2/3/4/5(2x)/6	111077 old 95198-10	DIN 80 plug · 10 mm ² · grey coding · acid resistant	ask
1/2/3/4/5(2x)/6	108891 old 95198-00	DIN 80 plug · 16 mm ² · grey coding · acid resistant	16,00
1/2/3/4/5(2x)/6	108894 old 95199-00	DIN 80 plug · 25 mm ² · grey coding · acid resistant	15,50
1/2/3/4/5(2x)/6	108895 old 95199-10	DIN 80 plug 35 mm ² · grey coding · acid resistant	25,00
1/3/5(2x)/6	108948 old 95427-01	DIN 80 housing plug (cable clamp, locking device) · acid resistant	6,90
2	108685 old 75314-10	DIN 80 main contact 10 mm ² for plug (1 pc.)	3,70
2	108681 old 75314-00	DIN 80 main contact 16 mm ² for plug (1 pc.)	4,20
2	108687 old 75315-00	DIN 80 main contact 25 mm ² for plug (1 pc.)	4,30
2	108689 old 75316-00	DIN 80 main contact 35 mm ² for plug (1 pc.)	8,90
4	 100072 old 75435-00	DIN 80 coding pin grey (wet)	1,40
4	 100075 old 75438-00	DIN 80 coding pin green (dry)	1,40
4	 100074 old 75436-00	DIN 80 coding pin yellow (wet/ dry)	1,40
11	100469 old 75070-43	DIN 80 air adapter plug (6 / 8 mm connection) · light blue	11,50
12	108649 old 75243-00	DIN 80 pilot contact set plug (incl. pilot adapter)	6,90
13	121566 old 75070-02	DIN 80/160 auxiliary contact for plug (1 pc.)	4,20
1/2/3/4/5(2x)/6	108892 old 95198-06	DIN 80 plug · 6 mm ² · grey coding · acid resistant	15,00
	75199-03	REMA DIN 80 male – 35 mm ² – red	31,50
	75199-04	REMA DIN 80 male – 25 mm ² – red	20,50
	75427-04	Housing REMA DIN 80 male – incl. cable clamp – red	11,00
	95198-04	REMA DIN 80 male – 16 mm ² – red	20,00
	108718 old 75427-01	DIN 80 housing plug (cable clamp, locking device) · black	ask

DIN 80 · Accessories

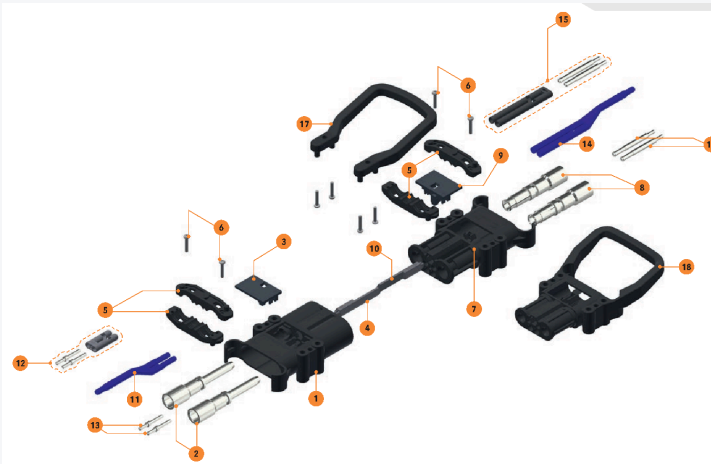
POS.	ORDER CODE	DESCRIPTION	€
	 79811-00	Reducing Bushing REMA 16 mm ² – 10 mm ²	1,40
	 79812-00	Reducing Bushing REMA 25 mm ² – 10 mm ²	1,10

POS.	ORDER CODE	DESCRIPTION	€
	 75327-01	Reducing Bushing REMA 35 mm ² – 10 mm ²	1,50
	 95244-01	Handle REMA DIN 80 – with screws M6×30 – grey	4,40
17	 100441 old 95244-00	DIN 80 handle grey (clip) · acid resistant	4,10
	 100047 old 75229-00	DIN 80 handle red (clip)	5,80
	 100205 old 80283-10	DIN 80 holding device black	3,80
	45584324100	Handle Still euro 80	24,50
	75240-02-SD	Auxiliary contact REMA DIN 80 female – Safety Disconnect	19,00
	75289-00-SD	Pilot contacts (2 pcs.+ adapter) REMA DIN 80 female – safety disconnect	19,00
	75306-04	REMA DIN 80 female – 16 mm ² with moulded handle – red	24,00
	75309-04	REMA DIN 80 female with screwed handle – 25 mm ² – red	24,00
	75310-04	REMA DIN 80 female – 35 mm ² – with moulded handle – red	27,50
	108683 old 75314-06	DIN 80 main contact 6 mm ² for plug (1 pc.)	3,80
	108716 old 75425-04	DIN 80 housing socket (cable clamp, locking device) · fixed handle · red	10,50
17	108905 old 95239-01	DIN 80 A handle · flat · with 2 screws M6×30 · acid resistant	4,50
	95309-01-AC	REMA DIN 80 female – 35 mm ² – with moulded handle, auxiliary contacts	36,50
	110884 old 75198-06	DIN 80 plug · grey coding · 6 mm ² · black	ask
	110377 old 75198-10	DIN 80 plug · 10 mm ² · grey coding · black	ask
	108626 old 75198-00	DIN 80 plug 16 mm ² · grey coding · black	ask
	108630 old 75199-00	DIN 80 plug 25 mm ² · grey coding · black	ask
	108632 old 75199-10	DIN 80 plug · 35 mm ² · grey coding · black	ask
	108658 old 75306-00	DIN 80 socket · 16 mm ² · grey coding · black	ask
	108659 old 75306-01	DIN 80 socket · 16 mm ² · grey coding · fixed handle · black	ask
	108668 old 75309-00	DIN 80 socket 25 mm ² · grey coding · black	ask
	108708 old 75342-01	DIN 80 socket 25 mm ² · grey coding · black · fixed handle	ask
	108671 old 75309-10	DIN 80 socket · 35 mm ² · grey coding · black	ask

POS.	ORDER CODE	DESCRIPTION	€
	108669 old 75309-01	DIN 80 socket · 35 mm ² · grey coding · fixed handle · black	ask
	100052 old 75244-00	DIN 80 handle black (clip)	ask

POS.	ORDER CODE	DESCRIPTION	€
	100046 old 75228-00	DIN 80 handle red · with screws M 6 × 35	ask
17	108911 old 95239-11	DIN 80 A handle · flat · with 2 screws M6×45 · acid resistant	ask

DIN 160



DIN 160 PLUG AND SOCKET – DRAWING © REMA · NUMBERS = POS. IN THE TABLES

DIN 160 · Socket (female)			
POS.	ORDER CODE	DESCRIPTION	€
5(2x)/6/7/8/9/10	108807 old 95001-08	DIN 160 socket · 16 mm ² · grey coding · acid resistant	27,50
5(2x)/6/7/8/9/10	108813 old 95007-08	DIN 160 socket 25 mm ² · grey coding · acid resistant	27,50
5(2x)/6/7/8/9/10	108819 old 95012-08	DIN 160 socket · 35 mm ² · grey coding · acid resistant	20,50
5(2x)/6/7/8/9/10	108831 old 95017-08	DIN 160 socket · 50 mm ² · grey coding · acid resistant	28,00
5(2x)/6/7/8/9/10	95022-08	REMA DIN 160 Female – 70 mm ²	40,50
5/6/7/9	108836 old 95026-01	DIN 160 housing socket (cable clamp, locking device) · acid resistant	9,80
8	108543 old 75021-01	DIN 160 main contact 16 mm ² for socket (1 pc.)	13,50
8	108544 old 75022-01	DIN 160 main contact 25 mm ² for socket (1 pc.)	9,50
8	108546 old 75023-01	DIN 160 main contact 35 mm ² for socket (1 pc.)	9,50
8	108548 old 75024-01	DIN 160 main contact 50 mm ² for socket (1 pc.)	9,60
8	108549 old 75024-05	DIN 160 main contact 70 mm ² for socket (1 pc.)	16,50
10	100015 old 75057-01	DIN 160/ 320/640 coding pin grey (wet)	1,40
10	120922 old 75233-01	DIN 160/ 320/640 coding pin green (dry)	1,40
10	100021 old 75057-95	DIN 160/320/640 coding pin blue for socket (Li-Ion)	ask
14	100464 old 75070-12	DIN 160 air adapter socket (6 / 8 mm connection) · light blue	13,00

POS.	ORDER CODE	DESCRIPTION	€
15	108609 old 75068-03	DIN 160 pilot contact set socket (incl. pilot adapter)	10,50
5(2x)/6/8/9/10/18	108806 old 95001-01	DIN 160 socket · 16 mm ² · grey coding · fixed handle · acid resistant	29,00
5(2x)/6/8/9/10/18	108812 old 95007-01	DIN 160 socket 25 mm ² · grey coding · acid resistant · fixed handle	29,50
5(2x)/6/8/9/10/18	108818 old 95012-01	DIN 160 socket · 35 mm ² · grey coding · fixed handle · acid resistant	29,50
5(2x)/6/8/9/10/18	108826 old 95017-01	DIN 160 socket · 50 mm ² · grey coding · fixed handle · acid resistant	21,50
5(2x)/6/8/9/10/18	108829 old 95017-05	DIN 160 socket 70 mm ² · grey coding · acid resistant · fixed handle	41,50
18	108837 old 95026-04	DIN 160 housing socket (cable clamp, locking device) · fixed handle · acid resistant	12,00
	108553 old 75026-01	DIN 160 housing socket (cable clamp, locking device) · black	ask
	108554 old 75026-04	DIN 160 housing socket (cable clamp, locking device) · black · fixed handle	ask

DIN 160 · Plug (male)

POS.	ORDER CODE	DESCRIPTION	€
1/2/3/4/5(2x)/6	108845 old 95029-01	DIN 160 plug · 16 mm ² · grey coding · acid resistant	24,50
1/2/3/4/5(2x)/6	108851 old 95034-01	DIN 160 plug · 25 mm ² · grey coding · acid resistant	24,00

POS.	ORDER CODE	DESCRIPTION	€
1/2/3/4/ 5(2x)/6	108858 old 95039-01	DIN 160 plug · 35 mm² · grey coding · acid resistant	24,50
1/2/3/4/ 5(2x)/6	108865 old 95044-01	DIN 160 plug · 50 mm² · grey coding · acid resistant	24,50
1/2/3/4/ 5(2x)/6	108868 old 95044-04	DIN 160 plug · grey coding · 70 mm² · acid resistant	38,00
1/3/4/ 5(2x)/6	108873 old 95053-01	DIN 160 housing plug (cable clamp, locking device) · acid resistant	9,80
2	108585 old 75048-10	DIN 160 main contact 10 mm ² plug (1 pc.)	6,30
2	108583 old 75048-01	DIN 160 main contact 16 mm ² plug (1 pc.)	7,40
2	108587 old 75049-01	DIN 160 main contact 25 mm ² plug (1 pc.)	7,60
2	108589 old 75050-01	DIN 160 main contact 35 mm ² plug (1 pc.)	7,60
2	108591 old 75051-01	DIN 160 main contact 50 mm ² for plug (1 pc.)	7,70
2	108592 old 75051-05	DIN 160 main contact 70 mm ² for plug (1 pc.)	14,00
4 	100015 old 75057-01	DIN 160/ 320/640 coding pin grey (wet)	1,40
4 	120922 old 75233-01	DIN 160/ 320/640 coding pin green (dry)	1,40
4 	100020 old 75057-90	DIN 160/320/640 coding pin blue for plug (Li-Ion)	2,20
4 	120921 old 75231-01	DIN 160/ 320/640 coding pin yellow (wet/ dry)	1,40
11	100465 old 75070-13	DIN 160 air adapter plug (6 / 8 mm connection) · light blue	13,50
12	108610 old 75070-03	DIN 160 pilot contact set plug (incl. pilot adapter)	7,30
13	121566 old 75070-02	DIN 80/160 auxiliary contact for plug (1 pc.)	4,20
1/2/3/4/ 5(2x)/6	108846 old 95029-10	DIN 160 plug · 10 mm² · grey coding · acid resistant	25,50
	108594 old 75053-01	DIN 160 housing plug (cable clamp, locking device) · black	ask

DIN 160 · Accessories

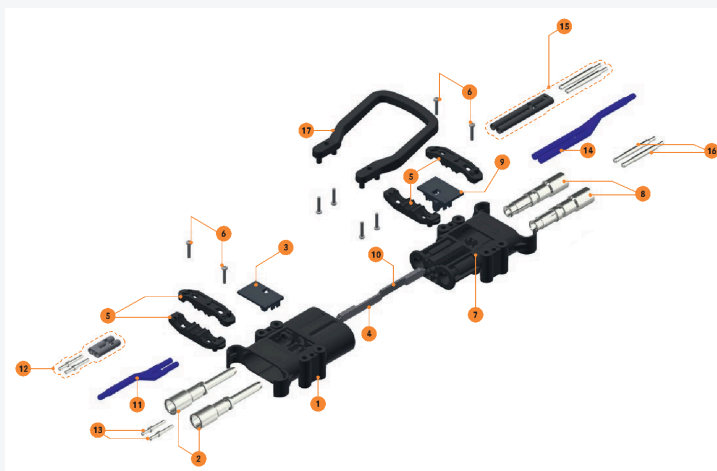
POS.	ORDER CODE	DESCRIPTION	€
	79811-00	Reducing Bushing REMA 16 mm ² – 10 mm ²	1,40
	79812-00	Reducing Bushing REMA 25 mm ² – 10 mm ²	1,10
	75327-01	Reducing Bushing REMA 35 mm ² – 10 mm ²	1,50
17 	108879 old 95066-65	DIN 160 handle grey · bended · with 4 screws · acid resistant	5,00
17 	108881 old 95066-68	DIN 160/ 320 handle grey · bended · with 8 screws for DIN 160/ 320 · acid resistant	5,10
	108601 old 75066-66	DIN 160 handle red · bended · with 4 screws	ask

POS.	ORDER CODE	DESCRIPTION	€
17 	108910 old 95239-07	DIN 160 handle · flat · with 2 screws + lock. nut · acid resistant	5,20
	100206 old 80283-11	DIN 160 holding device black	4,10
	108042	Air adapter REMA DIN 160 female – short version	15,50
	115724 old 77640-00	DIN 160 A aux cont. for socket	7,30
	45624324100	Handle Still DIN 160	38,50
	108604 old 75066-69	DIN 160/ 320 handle red · bended · with 8 screws for DIN 160/ 320	5,10
	75068-03-SD	REMA DIN 160 pilot contacts (2 pieces) for female connector – including pilot contact adapter and safety disconnect	19,00
14	108037 old 75079-12	DIN 160 A air adapter socket (6 / 9 mm connection) · light blue	13,00
11	100473 old 75079-13	DIN 160 air adapter plug (6 / 9 mm connection) · light blue	14,00
	77640-00-SD	Auxiliary contact REMA DIN 160 female – safety disconnect	24,00
	95017-01-AC	REMA DIN 160 female – 50 mm ² – with moulded handle, aux. contacts	48,00
	95030-01	REMA DIN 160 male – 16 mm ² – incl. screwed handle	29,50
	95035-01	REMA DIN 160 male – 25 mm ² – incl. screwed handle	30,00
	95039-09	REMA DIN 160 male – 35 mm ² – incl. green coding pin	24,00
	95040-01	REMA DIN 160 male – 35 mm ² – incl. screwed handle	30,00
	95045-01	REMA DIN 160 male – 50 mm ² – incl. screwed handle	30,00
	95066-92	Handle DIN 160/320, excl. screws	4,60
	95066-93	Handle REMA DIN 160 – 4 bolts 40 mm + security nuts	4,70
	108556 old 75029-10	DIN 160 plug 10 mm ² · grey coding · black	ask
	108555 old 75029-01	DIN 160 plug 16 mm ² · grey coding · black	ask
	108561 old 75034-01	DIN 160 plug 25 mm ² · grey coding · black	ask
	108569 old 75039-01	DIN 160 plug 35 mm ² · grey coding · black	ask
	108577 old 75044-01	DIN 160 plug · 50 mm ² · grey coding · black	ask
	108578 old 75044-04	DIN 160 plug · grey coding · 70 mm ² · black	ask

POS.	ORDER CODE	DESCRIPTION	€
5(2x)/6/ 7/8/9/10	108832 old 95017-09	DIN 160 socket · grey coding · 70 mm² · acid resistant	ask
	108517 old 75001-08	DIN 160 socket 16 mm ² · grey coding · black	ask
	108516 old 75001-01	DIN 160 socket 16 mm ² · grey coding · fixed handle · black	ask
	108521 old 75007-08	DIN 160 socket · grey coding · 25 mm ² · black	ask
	108520 old 75007-01	DIN 160 socket · grey coding · 25 mm ² · black · fixed handle	ask
	108529 old 75012-08	DIN 160 socket 35 mm ² · black · grey coding	ask
	108527 old 75012-01	DIN 160 socket 35 mm ² · grey coding · fixed handle · black	ask

	108538 old 75017-08	DIN 160 socket · 50 mm ² · grey coding · black	ask
	108536 old 75017-01	DIN 160 socket · 50 mm ² · grey coding · fixed handle · black	ask
16	121568	DIN 160 auxiliary contact socket (1 pc.)	ask
17	108906 old 95239-02	DIN 160 handle · flat · with 2 screws · acid resistant	ask
	108600 old 75066-65	DIN 160 handle black · bended · with 4 screws	ask
	108647 old 75239-02	DIN 160 handle flat black · with 2 screws	ask
	108599 old 75066-63	DIN 160/ 320 handle black · bended · with 8 screws for DIN 160/ 320	ask

DIN 320



DIN 320 PLUG AND SOCKET – DRAWING © REMA · NUMBERS = POS. IN THE TABLES

DIN 320 · Socket (female)			
POS.	ORDER CODE	DESCRIPTION	€
5(2x)/6/ 7/8/9/10	108972 old 95601-01	DIN 320 socket 50 mm² · grey coding · acid resistant	26,50
5(2x)/6/ 7/8/9/10	108975 old 95605-01	DIN 320 socket 70 mm² · grey coding · acid resistant	37,00
5(2x)/6/ 7/8/9/10	108979 old 95610-01	DIN 320 socket · grey coding · 95 mm² · acid resistant	81,50
5/6/7/9	108988 old 95700-01	DIN 320 housing socket (cable clamp, locking device) · acid resistant	12,00
8	108772 old 75660-01	DIN 320 main contact 50 mm ² for socket (1 pc.)	13,50
8	108775 old 75665-01	DIN 320 main contact 70 mm ² for socket (1 pc.)	13,50
8	120444 old 75670-01	DIN 320 main contact 95 mm ² for socket (1 pc.)	26,50
10 	100015 old 75057-01	DIN 160/ 320/640 coding pin grey (wet)	1,40
10 	120922 old 75233-01	DIN 160/ 320/640 coding pin green (dry)	1,40

POS.	ORDER CODE	DESCRIPTION	€
10 	100021 old 75057-95	DIN 160/320/640 coding pin blue for socket (Li-Ion)	ask
14	100466 old 75070-32	DIN 320 air adapter socket (6 / 8 mm connection) · light blue	13,00
15	108749 old 75591-00	DIN 320/640 pilot contact set socket (incl. pilot adapter)	10,50
16	75590-02	Auxiliary Contact REMA DIN 320/640 Female	5,00
	108989 old 95700-37	DIN 320 housing socket (cable clamp, locking device) · fixed handle · acid resistant	ask
	108782 old 75700-01	DIN 320 housing socket (cable clamp, locking device) · black	ask

DIN 320 · Plug (male)

POS.	ORDER CODE	DESCRIPTION	€
1/2/3/4/ 5(2x)/6	108952 old 95500-01	DIN 320 plug · 50 mm² · grey coding · acid resistant	32,50
1/2/3/4/ 5(2x)/6	108957 old 95505-01	DIN 320 plug 70 mm² · grey coding · acid resistant	32,50

POS.	ORDER CODE	DESCRIPTION	€
1/2/3/4/ 5(2x)/6	108960 old 95510-01	DIN 320 plug · grey coding · 95 mm² · acid resistant	66,50
1/3/ 5(2x)/6	108969 old 95600-01	DIN 320 housing plug (cable clamp, locking device) · acid resistant	12,00
2	108739 old 75560-01	DIN 320 main contact 50 mm ² for plug (1 pc.)	10,50
2	108743 old 75565-01	DIN 320 main contact 70 mm ² for plug (1 pc.)	11,00
2	111105 old 75570-01	DIN 320 main contact 95 mm ² for plug (1 pc.)	30,00
4 	100015 old 75057-01	DIN 160/ 320/640 coding pin grey (wet)	1,40
4 	120922 old 75233-01	DIN 160/ 320/640 coding pin green (dry)	1,40
4 	100020 old 75057-90	DIN 160/320/640 coding pin blue for plug (Li-Ion)	2,20
4 	120921 old 75231-01	DIN 160/ 320/640 coding pin yellow (wet/ dry)	1,40
11	100467 old 75070-33	DIN 320 air adapter plug (6 / 8 mm connection) · light blue	13,50
12	108751 old 75596-00	DIN 320/640 pilot contact set plug (incl. pilot adapter)	8,60
13	75595-01	Auxiliary Contact REMA DIN 320/640 Male	3,40
	108720 old 75500-01	DIN 320 plug · 50 mm ² · grey coding · black	30,50
	108752 old 75600-01	DIN 320 housing plug (cable clamp, locking device) · black	ask

DIN 320 · Accessories

POS.	ORDER CODE	DESCRIPTION	€
	79817-00	Reducing Bushing REMA 50 mm ² – 35 mm ²	2,10
	79816-00	Reducing Bushing REMA 50 mm ² – 25 mm ²	1,80
	77605-00	Reducing Bushing REMA 50 mm ² – 16 mm ²	3,60
17 	108880 old 95066-67	DIN 320 handle grey · bended · with 4 screws · acid resistant	5,00
17 	108881 old 95066-68	DIN 160/ 320 handle grey · bended · with 8 screws for DIN 160/ 320 · acid resistant	5,10
	108603 old 75066-68	DIN 320 handle red · bended · with 4 screws	ask
	95239-05	Screwed Flat Handle REMA DIN 320 – 2 bolts 50 mm, security nuts	4,80
	100207 old 80283-12	DIN 320 holding device	4,40

POS.	ORDER CODE	DESCRIPTION	€
	75590-55-SD	Auxiliary contact REMA DIN 320/640 female – safety disconnect	19,00
	75591-00-SD	Pilot contacts (2 pcs.+ adapter) REMA DIN 320/640 female – safety disconnect	19,00
	95066-94	Handle REMA DIN 320 – 4 bolts 50 mm + security nuts	4,70
	95066-95	REMA DIN 320 handle – including 4 screws M6 x 40, 4 screws M6 x 50 and 4 locknuts	12,00
	95066-96	Handle REMA DIN 320 – 4 bolts 45mm + security nuts	4,70
	95500-02	REMA DIN 320 male – 50 mm ² – incl. screwed handle	37,50
	95505-02	REMA DIN 320 male – 70 mm ² – incl. screwed handle	37,50
	95510-02	REMA DIN 320 male – 95 mm ² – incl. screwed handle	71,50
	95601-05	REMA DIN 320 female – 50 mm ² – incl. screwed handle	42,00
	95605-02	REMA DIN 320 female – 70 mm ² – incl. screwed handle	42,50
	95610-05	REMA DIN 320 female – 95 mm ² – incl. screwed handle	86,00
	108723 old 75505-01	DIN 320 plug · 70 mm ² · grey coding · black	ask
	108725 old 75510-01	DIN 320 plug · grey coding · 95 mm ² · black	ask
	108754 old 75601-01	DIN 320 socket 50 mm ² · grey coding · black	ask
	108756 old 75605-01	DIN 320 socket · 70 mm ² · grey coding · black	ask
	108758 old 75610-01	DIN 320 socket · grey coding · 95 mm ² · black	ask
13	121563	DIN 320/640 auxiliary contact plug (1 pc.)	ask
17	108908 old 95239-04	DIN 320 handle · flat · with 2 screws · acid resistant	ask
	108602 old 75066-67	DIN 320 handle black · bended · with 4 screws	ask
	108607 old 75067-00	DIN 320 handle red · flat · with 2 screws · only for DIN 320 A	ask
16	121565	DIN 320 auxiliary contact socket (1 pc.)	ask

DIN 640



DIN 640 PLUG AND SOCKET – DRAWING © REMA · NUMBERS = POS. IN THE TABLES

DIN 640 · Socket (female)

POS.	ORDER CODE	DESCRIPTION	€
5(2x)/6/ 7/8/9/10	111165 old 95950-30	DIN 640 socket 70 mm ² · grey coding · acid resistant	214,00
5(2x)/6/ 7/8/9/10	111164 old 95950-20	DIN 640 socket · grey coding · 95 mm ² · acid resistant	242,00
5(2x)/6/ 7/8/9/10	111163 old 95950-10	DIN 640 socket · grey coding · 120 mm ² · acid resistant	242,00
5(2x)/6/ 7/8/9/10	108996 old 95950-00	DIN 640 socket · grey coding · 240 mm ² · acid resistant	242,00
10 	100015 old 75057-01	DIN 160/ 320/640 coding pin grey (wet)	1,40
10 	120922 old 75233-01	DIN 160/ 320/640 coding pin green (dry)	1,40
10 	100021 old 75057-95	DIN 160/320/640 coding pin blue for socket (Li-Ion)	ask
14	100466 old 75070-32	DIN 320 air adapter socket (6 / 8 mm connection) · light blue	13,00
15	108749 old 75591-00	DIN 320/640 pilot contact set socket (incl. pilot adapter)	10,50
16	75590-02	Auxiliary Contact REMA DIN 320/640 Female	5,00
17	M93320-74	Auxiliary Contact REMA MRC 320 Female – 2 pieces	12,00

DIN 640 · Plug (male)

POS.	ORDER CODE	DESCRIPTION	€
1/2/3/4/ 5(2x)/6	111162 old 95850-30	DIN 640 plug 70 mm ² · grey coding · acid resistant	288,00
1/2/3/4/ 5(2x)/6	111161 old 95850-20	DIN 640 plug · grey coding · 95 mm ² · acid resistant	305,00
1/2/3/4/ 5(2x)/6	111160 old 95850-10	DIN 640 plug · grey coding · 120 mm ² · acid resistant	315,00
1/2/3/4/ 5(2x)/6	108995 old 95850-00	DIN 640 plug · grey coding · 240 mm ² · acid resistant	288,00
4 	100015 old 75057-01	DIN 160/ 320/640 coding pin grey (wet)	1,40
4 	120922 old 75233-01	DIN 160/ 320/640 coding pin green (dry)	1,40
4 	100020 old 75057-90	DIN 160/320/640 coding pin blue for plug (Li-Ion)	2,20
4 	120921 old 75231-01	DIN 160/ 320/640 coding pin yellow (wet/ dry)	1,40
11	100467 old 75070-33	DIN 320 air adapter plug (6 / 8 mm connection) · light blue	13,50
12	108751 old 75596-00	DIN 320/640 pilot contact set plug (incl. pilot adapter)	8,60
13	75595-01	Auxiliary Contact REMA DIN 320/640 Male	3,40

DIN 640 · Accessories			
POS.	ORDER CODE	DESCRIPTION	€
18 	108994 old 95800-11	DIN 640 A handle · with 4 screws · acid resistant	13,50
	TOY-640-SCR	screws	ask
1/2/3/4/ (5(2x))/6	113901	REMA DIN 640 male – 4/0 AWG – incl. grey coding pin	458,00
5(2x)/6/ 7/8/9/10	113902	REMA DIN 640 female – 4/0 AWG – incl. grey coding pin	329,00
	75802-40	Main contact REMA DIN 640 male – 240 mm ²	85,00
	95850-30-AC	REMA DIN 640 male – 70 mm ² – incl. grey coding pin – with Auxiliary contacts	328,00

RCC

RCC connectors		
ORDER CODE	DESCRIPTION	€
112033	Housing REMA RCC 320 female – incl. cable clamp	26,00
112034	Housing REMA RCC 320 male – incl. cable clamp	26,50
112035	REMA RCC 320 female – 70 mm ²	55,50
110255 old 95983-00	RCC 80 plug housing with yellow coding pin · light grey	9,30
110256 old 95983-02	RCC 80 plug · grey coding · 25 mm ² · light grey	17,50
110257 old 95983-50	RCC 80 socket housing · grey + green coding · light grey	10,50
110258 old 95983-52	RCC 80 socket · grey coding · 25 mm ² · light grey	23,00

ORDER CODE	DESCRIPTION	€
110259 old 95984-00	RCC 160 plug housing · yellow coding · light grey	13,50
110260 old 95984-05	RCC 160 plug 50 mm ² · grey coding · light grey	27,50
110261 old 95984-50	RCC 160 socket housing · grey + green coding · light grey	16,00
95984-52	REMA RCC 160 female – 25 mm ²	45,50
95984-53	RCC 160 A – 35 mm ² – Socket	33,50
110262 old 95984-55	RCC 160 socket 50 mm ² · grey coding · light grey	33,50
123074	RCC 160 plug housing · without coding pin · light grey	ask
123075	RCC 320 plug housing · without coding pin · light grey	ask

Reducing bushings

Reducing bushings (all DIN sizes)		
ORDER CODE	DESCRIPTION	€
 79811-00	Reducing Bushing REMA 16 mm ² – 10 mm ²	1,40
 79812-00	Reducing Bushing REMA 25 mm ² – 10 mm ²	1,10
 75327-01	Reducing Bushing REMA 35 mm ² – 10 mm ²	1,50
 79817-00	Reducing Bushing REMA 50 mm ² – 35 mm ²	2,10
 79816-00	Reducing Bushing REMA 50 mm ² – 25 mm ²	1,80
 77605-00	Reducing Bushing REMA 50 mm ² – 16 mm ²	3,60
 76935-00	Reducing bushing 35 mm ² – 16 mm ²	ask

ORDER CODE	DESCRIPTION	€
 76925-00	Reducing bushing 35 mm ² – 25 mm ²	2,70
78326-00	Reducing bush REMA 12 mm ² – 8 mm ²	2,40
79810-00	Reducing bushing REMA 16 mm ² – 6 mm ²	1,20
79813-00	Reducing bushing REMA 25 mm ² – 16 mm ²	1,40
79830-00	Reducing bush REMA AWG6 – AWG10 (13,3-5,3 mm ²)	0,90
79832-00	Reducing bush REMA AWG4 (21,2 mm ²) – AWG8 (8,4 mm ²)	2,40
79833-00	Reducing bush REMA AWG4 (21,2 mm ²) – AWG6 (13,3 mm ²)	2,40
79834-00	Reducing bush REMA AWG2 (33,3 mm ²) – AWG6 (13,3 mm ²)	2,40

ORDER CODE	DESCRIPTION	€
79836-00	Reducing bush REMA AWG1/0 (53,5 mm ²) – AWG4 (21,2 mm ²)	2,50
79837-00	Reducing bushing REMA AWG1/0 – AWG2 (53,5-33,6 mm ²)	2,50
79840-00	Reducing bush REMA AWG6 (13,3 mm ²) – 6 mm ²	0,90
79844-00	Reducing bushing REMA AWG2 (33,6 mm ²) – 16 mm ²	2,20

ORDER CODE	DESCRIPTION	€
79846-00	Reducing bush REMA AWG1/0 (53,5 mm ²) – 25 mm ²	7,50
79847-00	Reducing bush REMA AWG1/0 (53,5 mm ²) – 35 mm ²	7,10
79998-00	Reducing bushing 70 mm ² – 35 mm ²	2,40
79999-00	Reducing bushing REMA 70 mm ² – 50 mm ²	1,70

02

MRC high-current connectors

MRC 80/120 · MRC 160/250 · MRC 320/400

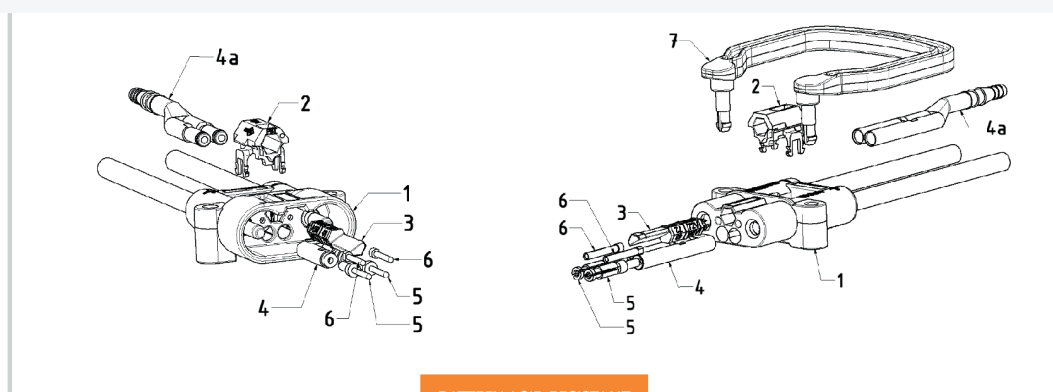
Patented high-power connectors for quick and opportunity charging of large batteries. A gas-tight connection between cable and housing gives a higher current rating than standard DIN connectors. Supplied as pre-assembled cables; housings mate with DIN 80, 160 and 320, and all DIN coding pins, pilot and auxiliary contacts fit.



STANDARD	CABLE	MATES WITH	SUPPLY
DIN VDE 0623-589 · EN 1175	16 – 95 mm ²	DIN 80 / 160 / 320	Pre-assembled cables

Prices in EUR excl. VAT. Prices marked "ask": request a quote.

MRC 80/120



MRC 80/120 PLUG AND SOCKET – DRAWING © REMA · NUMBERS = POS. IN THE TABLES

MRC 80/120 · Socket (female)			
POS.	ORDER CODE	DESCRIPTION	€
2	M93080-48	Coding Pin Support for REMA MRC 80 Female	1,80
2	M93080-53	Coding Pin Support for REMA MRC 120 Female	4,00
3	100072 old 75435-00	DIN 80 coding pin grey (wet)	1,40
3	100075 old 75438-00	DIN 80 coding pin green (dry)	1,40
3	M75057-65	MRC 120 Coding Pin Female – red	ask
4/5	108657 old 75438-00	DIN 80 pilot contact set socket (incl. pilot adapter)	10,50
4a	100468 old 75070-42	DIN 80 air adapter socket (6 / 8 mm connection) · light blue	11,50
6	M93080-74	Auxiliary Contact REMA MRC 80 Female – 2 pieces	12,00
2	110116	MRC 80 – Locking part current rating I (80A) – socket	ask

POS.	ORDER CODE	DESCRIPTION	€
2	111341	MRC 80 – Locking part current rating II (120A) – socket	ask
3	111344	MRC 80 – High power coding pin red (wet) – socket	ask
3	114345	MRC 80 – High power coding pin blue (dry) – socket	ask
4	100035	MRC 80 – Adapter for pilot contacts – socket	ask
5	111104	MRC 80 – Pilot contact 2,5 mm ² – socket	ask
6	120744	MRC 80 – Auxiliary contact 1,5 mm ² – socket	ask
7	102586	MRC 80 – Handle incl. screws (set) – socket	ask

MRC 80/120 · Plug (male)			
POS.	ORDER CODE	DESCRIPTION	€
2	M93080-04	Coding Pin Support for REMA MRC 80 Male	ask

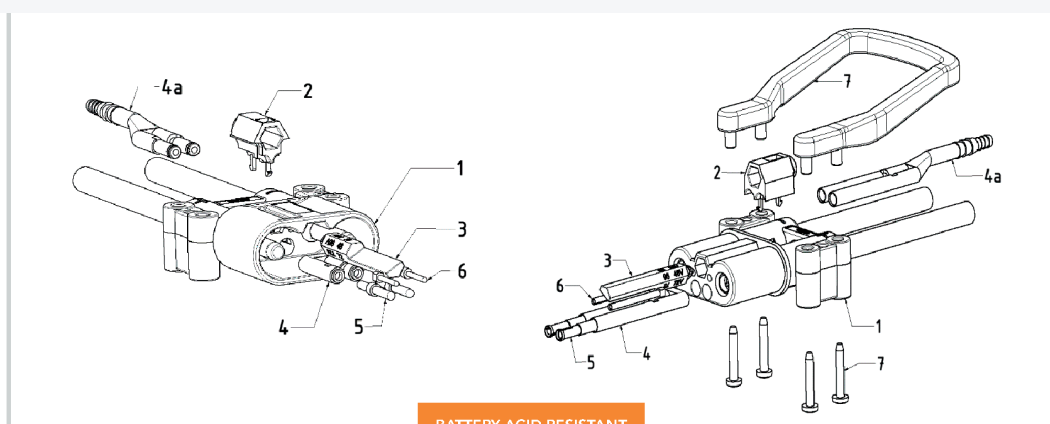
POS.	ORDER CODE	DESCRIPTION	€
2	M93080-05	Coding Pin Support for REMA MRC 120 Male	ask
3	 100072 old 75435-00	DIN 80 coding pin grey (wet)	1,40
3	 100075 old 75438-00	DIN 80 coding pin green (dry)	1,40
3	 100074 old 75436-00	DIN 80 coding pin yellow (wet/ dry)	1,40
3	M75057-60	MRC 120 Coding Pin – Male – red	ask
4/5	108649 old 75243-00	DIN 80 pilot contact set plug (incl. pilot adapter)	6,90
4a	100469 old 75070-43	DIN 80 air adapter plug (6 / 8 mm connection) · light blue	11,50
6	M93080-44	Auxiliary Contact REMA MRC 80 Male – 2 pieces	14,00
2	110108	MRC 80 – Locking part current rating I (80A) – plug	ask
2	111340	MRC 80 – Locking part current rating II (120A) – plug	ask
3	111343	MRC 80 – High power coding pin red (wet) – plug	ask
3	114346	MRC 80 – High power coding pin blue (dry) – plug	ask

POS.	ORDER CODE	DESCRIPTION	€
4	100036	MRC 80 – Adapter for pilot contacts – plug	ask
5	102664	MRC 80 – Pilot contact 2,5 mm ² – plug	ask
6	120743	MRC 80 – Auxiliary contact 1,5 mm ² – plug	ask
7	100528	MRC 80 – Handle to screw – plug	ask
7	109055	MRC 80 – Handle incl. screws (set) – plug	ask

MRC 80/120 · Accessories

POS.	ORDER CODE	DESCRIPTION	€
17	 100441 old 95244-00	DIN 80 handle grey (clip) · acid resistant	4,10
	 95244-01	Handle REMA DIN 80 – with screws M6×30 – grey	4,40
	M93080-73	Pilot contact REMA MRC 80 receptacle – 2 pieces	12,00
	M93080-76	Air adapter REMA MRC 80 receptacle – 2 pieces	14,50
	M93080-80	Air adapter REMA MRC 80 plug – 2 pieces	14,50

MRC 160/250



MRC 160/250 PLUG AND SOCKET – DRAWING © REMA · NUMBERS = POS. IN THE TABLES

MRC 160/250 · Socket (female)

POS.	ORDER CODE	DESCRIPTION	€
2	M93160-48	Coding Pin Support for REMA MRC 160 Female	1,80
2	M93160-53	Coding Pin Support for REMA MRC 250 Female	3,00
3	 100015 old 75057-01	DIN 160/ 320/640 coding pin grey (wet)	1,40
3	 120922 old 75233-01	DIN 160/ 320/640 coding pin green (dry)	1,40
3	M75057-75	MRC250 Coding Pin – Female – red	8,30

POS.	ORDER CODE	DESCRIPTION	€
3	104594	MRC250 Coding Pin – Female – blue	9,90
4/5	108609 old 75068-03	DIN 160 pilot contact set socket (incl. pilot adapter)	10,50
4a	100464 old 75070-12	DIN 160 air adapter socket (6 / 8 mm connection) · light blue	13,00
6	M93160-74	Auxiliary Contact REMA MRC 160 Female – 2 pieces	12,00
2	110138	MRC 160 – Locking part current rating I (160A) – socket	ask

POS.	ORDER CODE	DESCRIPTION	€
2	110141	MRC 160 – Locking part current rating II (250A) – socket	ask
3	109630	MRC 160 – High power coding pin red (wet) – socket	ask
4	100029	MRC 160 – Adapter for pilot contacts – socket	ask
5	108608	MRC 160 – Pilot contact 2,5 mm ² – socket	ask
6	120746	MRC 160 – Auxiliary contact 1,5 mm ² – socket	ask

MRC 160/250 · Plug (male)

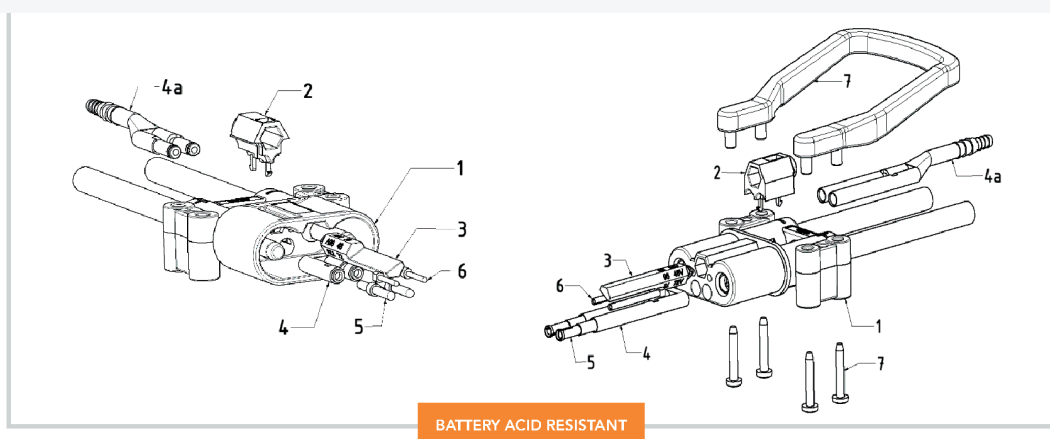
POS.	ORDER CODE	DESCRIPTION	€
2	M93160-04	Coding Pin Support for REMA MRC 160 Male	1,80
2	M93160-05	Coding Pin Support for REMA MRC 250 Male	4,20
3	 100015 old 75057-01	DIN 160/ 320/640 coding pin grey (wet)	1,40
3	 120922 old 75233-01	DIN 160/ 320/640 coding pin green (dry)	1,40
3	 120921 old 75231-01	DIN 160/ 320/640 coding pin yellow (wet/ dry)	1,40
3	M75057-70	MRC250 Coding Pin – Male – red	9,90
3	104593	MRC250 Coding pin – Male – blue	9,90
4	M93160-44	Auxiliary Contact REMA MRC 160 Male – 2 pieces	8,30
4a	100465 old 75070-13	DIN 160 air adapter plug (6 / 8 mm connection) · light blue	13,50
5	108610 old 75070-03	DIN 160 pilot contact set plug (incl. pilot adapter)	7,30

POS.	ORDER CODE	DESCRIPTION	€
2	110131	MRC 160 – Locking part current rating I (160A) – plug	ask
2	110132	MRC 160 – Locking part current rating II (250A) – plug	ask
3	100049	MRC 160 – Coding pin green (dry) – plug	ask
3	100048	MRC 160 – Coding pin yellow (wet + dry)	ask
3	109629	MRC 160 – High power coding pin red (wet) – plug	ask
4	100030	MRC 160 – Adapter for pilot contacts – plug	ask
5	102640	MRC 160 – Pilot contact 2,5 mm ² – plug	ask
6	120745	MRC 160 – Auxiliary contact 1,5 mm ² – plug	ask

MRC 160/250 · Accessories

POS.	ORDER CODE	DESCRIPTION	€
17	 108879 old 95066-65	DIN 160 handle grey · bended · with 4 screws · acid resistant	5,00
	M93160-21	Auxiliary contact REMA MRC 160 plug	5,40
	M93160-43	Pilot contact REMA MRC 160 plug – 2 pieces	10,50
	M93160-73	Pilot contact REMA MRC 160 receptacle – 2 pieces	12,50
	M93160-76	Air adapter REMA MRC 160 receptacle – 2 pieces	16,00
	M93160-80	Air adapter REMA MRC 160 plug – 2 pieces	16,50

MRC 320/400



MRC 320/400 PLUG AND SOCKET – DRAWING © REMA · NUMBERS = POS. IN THE TABLES

MRC 320/400 · Socket (female)

POS.	ORDER CODE	DESCRIPTION	€
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2	M93320-48	Coding Pin Support for REMA MRC 320 Female	1,80
2	M93320-53	Coding Pin Support for REMA MRC 400 Female	4,00

3		100015 old 75057-01	DIN 160/ 320/640 coding pin grey (wet)	1,40
3		120922 old 75233-01	DIN 160/ 320/640 coding pin green (dry)	1,40
3		M75057-85	MRC400 Coding Pin Female – red	9,90
3		111376	MRC400 Coding Pin Female – blue	11,50
4/5		108749 old 75591-00	DIN 320/640 pilot contact set socket (incl. pilot adapter)	10,50
4a		100466 old 75070-32	DIN 320 air adapter socket (6 / 8 mm connection) · light blue	13,00
6		M93320-74	Auxiliary Contact REMA MRC 320 Female – 2 pieces	12,00
2		110162	MRC 320 – Locking part current rating I (320A) – socket	ask
2		110165	MRC 320 – Locking part current rating II (400A) – socket	ask
3		109632	MRC 320 – High power coding pin red (wet) – socket	ask
4		100033	MRC 320 – Adapter for pilot contacts – socket	ask
5		108747	MRC 320 – Pilot contact 2,5 mm ² – socket	ask
6		120748	MRC 320 – Auxiliary contact 1,5 mm ² – socket	ask

MRC 320/400 · Plug (male)

POS.		ORDER CODE	DESCRIPTION	€
2		M93320-04	Coding Pin Support for REMA MRC 320 Male	1,80
2		M93320-05	Coding Pin Support for REMA MRC 400 Male	4,00
3		100015 old 75057-01	DIN 160/ 320/640 coding pin grey (wet)	1,40
3		120922 old 75233-01	DIN 160/ 320/640 coding pin green (dry)	1,40
3		120921 old 75231-01	DIN 160/ 320/640 coding pin yellow (wet/ dry)	1,40

POS.		ORDER CODE	DESCRIPTION	€
3		M75057-80	MRC400 Coding Pin Male – red	9,90
3		111375	MRC400 Coding Pin Male – blue	9,90
4/5		108751 old 75596-00	DIN 320/640 pilot contact set plug (incl. pilot adapter)	8,60
4a		100467 old 75070-33	DIN 320 air adapter plug (6 / 8 mm connection) · light blue	13,50
6		M93320-44	Auxiliary contact REMA MRC 320 plug – 2 pieces	10,50
2		110156	MRC 320 – Locking part current rating I (320A) – plug	ask
2		110157	MRC 320 – Locking part current rating II (400A) – plug	ask
3		109631	MRC 320 – High power coding pin red (wet) – plug	ask
4		100034	MRC 320 – Adapter for pilot contacts – plug	ask
5		102691	MRC 320 – Pilot contact 2,5 mm ² – plug	ask
6		120747	MRC 320 – Auxiliary contact 1,5 mm ² – plug	ask

MRC 320/400 · Accessories

POS.		ORDER CODE	DESCRIPTION	€
17		108880 old 95066-67	DIN 320 handle grey · bended · with 4 screws · acid resistant	5,00
		M93320-43	Pilot contact REMA MRC 320 plug – 2 pieces	10,50
		M93320-73	Pilot contact REMA MRC 320 receptacle – 2 pieces	12,00
		M93320-76	Air adapter REMA MRC 320 receptacle – 2 pieces	16,50
		M93320-80	Air adapter REMA MRC 320 plug – 2 pieces	17,50

03

FT motor connectors

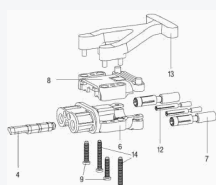
FT 80

Compact motor connectors with low losses for golf carts, personnel carriers, floor - cleaning machines, boats and leisure vehicles. Crimp contacts in E-Cu copper.

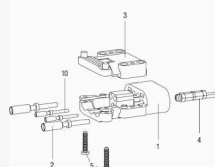


RATING	CABLE	STANDARD	CONTACTS
80 A	16 – 25 mm ²	EN 1175-1	Crimp, E-Cu

Prices in EUR excl. VAT. Prices marked "ask": request a quote.



SOCKET (FEMALE) · NUMBERS = POS. IN THE TABLES



PLUG (MALE) · NUMBERS = POS. IN THE TABLES

FT 80 · Socket (female)			
POS.	ORDER CODE	DESCRIPTION	€
4/6/7/8/9/14	109102 old 81200-00	FT 80 socket · 16 mm ²	ask
4/6/7/8/9/14	109103 old 81201-00	FT 80 socket · 25 mm ² · red coding · black	ask
4/6/7/8/9/13/14	81205-00	FT 80 Female – 16 mm ² – incl. Handle	ask
4/6/7/8/9/13/14	81206-00	FT 80 Female – 25 mm ² – incl. Handle	ask
4	100210 old 81236-00	FT 80 coding pin red	ask
7	109117 old 81232-00	FT 80 contact 16 mm ² for socket (1 pc.)	ask
7	109120 old 81234-00	FT 80 contact 25 mm ² for socket (1 pc.)	ask
12	103149 old 81243-00	Pilot contact for FT 80 socket (1 pc.)	ask
13	109124 old 81235-00	FT 80 handle red	ask

FT 80 · Plug (male)			
POS.	ORDER CODE	DESCRIPTION	€
1/2/3/4/5	109111 old 81220-00	FT 80 plug · 16 mm ²	ask
1/2/3/4/5	109112 old 81221-00	FT 80 plug · 25 mm ² · red coding · black	ask
2	109126 old 81242-00	FT 80 contact 16 mm ² for plug (1 pc.)	ask
2	109129 old 81244-00	FT 80 contact 25 mm ² for plug (1 pc.)	ask
4	100210 old 81236-00	FT 80 coding pin red	ask
10	103150 old 81245-00	Pilot contact for FT 80 plug (1 pc.)	ask

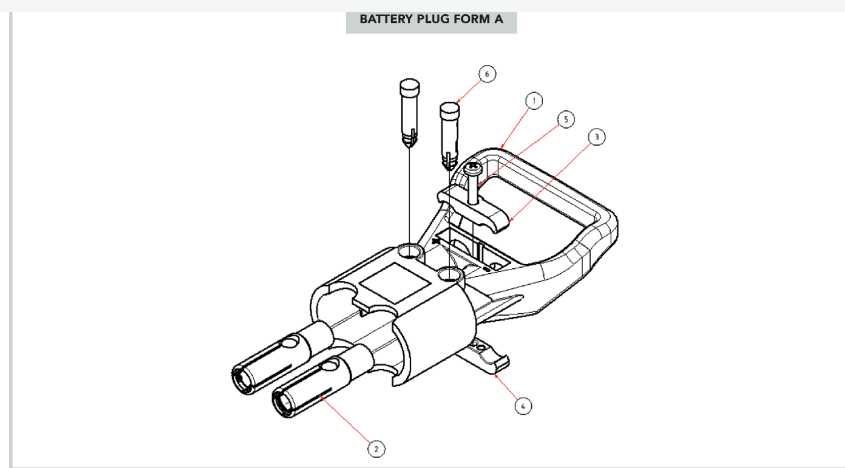
JH twin connectors

JH 160 · JH 200

Proven two-pole connectors for trailer-to-tractor and battery connections on road trucks. Spring-loaded pins slide into sleeves for very low contact resistance; robust, humidity-, acid- and UV-resistant.

SIZES	CABLE	TYPES	USE
160 · 200 A	35 · 50 mm ²	A – G	Battery · truck · charger

Prices in EUR excl. VAT. Prices marked "ask": request a quote.



BATTERY PLUG FORM A – DRAWING © REMA · NUMBERS = POS. IN THE TABLES

JH · Twin connectors			
POS.	ORDER CODE	DESCRIPTION	€
	107301 old 76250-00	Battery plug compl. 35 mm ² · type A · black	ask
	107302 old 76251-00	Battery plug compl. 50 mm ² · type A · black	81,00
	107305 old 76350-00	Vehicle socket compl. 35 mm ² · type B · black	ask
	107306 old 76351-00	2pole vehicle socket compl. 50 mm ² · type B · black	ask
	107307 old 76460-00	2pole charger socket compl. 35 mm ² · type C · black	ask
	107308 old 76470-00	2pole charger socket compl. 50 mm ² · type C · black	ask
	107332 old 77350-00	Vehicle plug compl. 35 mm ² · type D · black	ask
	107333 old 77351-00	2pole vehicle plug compl. 50 mm ² · type D · black	ask
	107334 old 77360-00	2pole vehicle plug compl. 35 mm ² · type E · black	ask
	107335 old 77361-00	2pole vehicle plug compl. 50 mm ² · type E · black	ask
	107337 old 77460-00	2pole charger plug compl. 35 mm ² · type F	ask
	107338 old 77461-00	2pole charger plug compl. 50 mm ² · type F · black	ask

POS.	ORDER CODE	DESCRIPTION	€
	107330 old 77250-00	2pole battery socket compl. 35 mm ² · type G · black	ask
	107331 old 77251-00	2pole battery socket compl. 50 mm ² type G · black	ask
1	100090	JH 160/200 – Housing plug form A	ask
1	100097	JH 160/200 – Housing socket form B	ask
1	100102	JH 160/200 – Housing socket form C	ask

JH · Accessories

POS.	ORDER CODE	DESCRIPTION	€
	 76935-00	Reducing bushing 35 mm ² – 16 mm ²	ask
	 76925-00	Reducing bushing 35 mm ² – 25 mm ²	2,70
2	 107316 old 76765-00	Contact male 160/200 A · 35 mm ²	ask
2	 107317 old 76766-00	Contact male 160/200 A · 50 mm ²	ask
2	 107322 old 76915-00	Contact female 160/200 A · 35 mm ²	ask
2	 107325 old 76916-00	Contact female 160/200 A · 50 mm ²	ask
	 107318 old 76850-00	Cable clamp for 2pole connectors · black	ask
3	 100107 old 76947-00	Retaining pin · 33,5 mm	ask
6	 100106 old 76946-00	Retaining pin · 30,5 mm	ask
3	100110	JH 160/200 – Cable clamp UP	ask
4	107339	JH 160/200 – Cable clamp LP	ask
5	102656	JH 160/200 – Screw	ask

05

SR connectors

SR 50 · SR 175 · SR 350

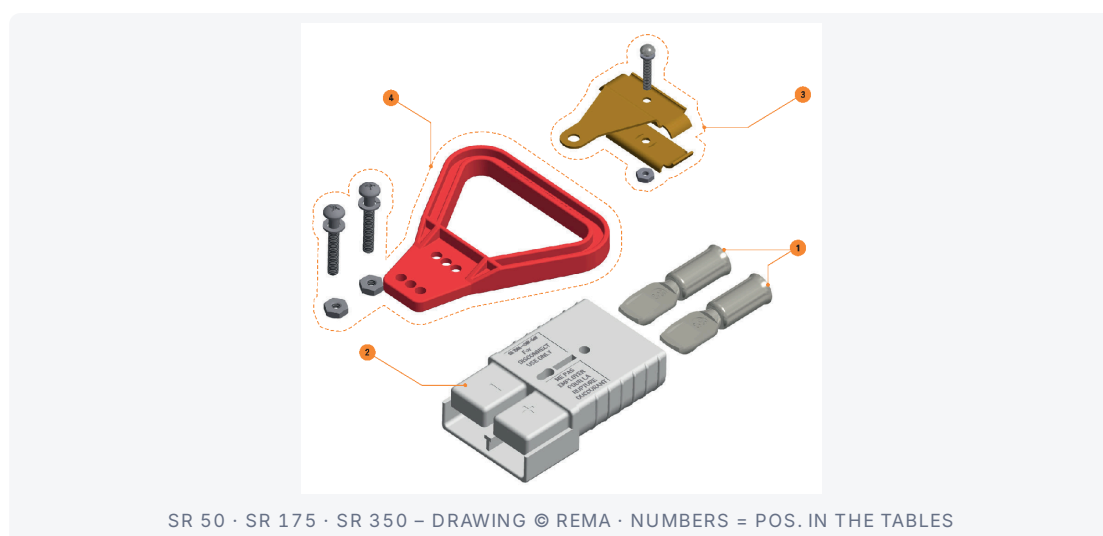
Genderless power connectors for battery vehicles, chargers and other DC applications. Plug and socket share one housing, and the housing colour marks the operating voltage so only matching voltages can mate. Contacts sized in AWG, silver-plated Cu-ETP, for crimping.



SIZES	CABLE	CODING	APPROVALS
50 · 175 · 350 A	12 AWG – 4/0 AWG	By housing colour	CE · UL recognised

Prices in EUR excl. VAT. Prices marked "ask": request a quote.

SR 50



SR 50 · Connector sets (housing + contacts)

HOUSING COLOUR	12-10 AWG	8 AWG	6 AWG
Grey	109317 ask	109318 ask	109316 ask
Red	109310 ask	109311 ask	109324 ask
Black	109320 ask	109321 ask	109319 ask

SR 50 · Housings

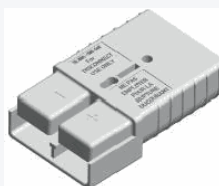
POS.	ORDER CODE	DESCRIPTION	€
Gray	109205 old 78001-00	SR 50 housing grey	ask
Red	109206 old 78002-00	SR 50 housing red	ask
Black	109207 old 78003-00	SR 50 housing black	ask

SR 50 · Contacts (silver-plated)

POS.	ORDER CODE	DESCRIPTION	€
12-10 AWG	109356 old 78265-05	SR 50 contact AWG 10/12 (1 pc.) = 3,5 mm ²	ask
8 AWG	109358 old 78265-10	SR 50 contact AWG 8 (1 pc.) = 8,0 mm ²	ask
6 AWG	109354 old 78265-00	SR 50 contact AWG 6 (1 pc.) = 13,3 mm ²	ask

SR 50 · Accessories			
POS.	ORDER CODE	DESCRIPTION	€
4	109407 old 78295-00	Handle red for SR 50 red with screws	ask
	102759 old 78295-05	Handle red for SR 50 red with screws (hook form)	ask

SR 175



CONNECTOR SETS (HOUSING + CONTACTS) · NUMBERS = POS. IN THE TABLES

SR 175 · Connector sets (housing + contacts)			
HOUSING COLOUR	4 AWG	2 AWG	1/0 AWG
 Grey	109328 ask	109329 ask	109327 ask
 Red	109338 ask	109339 ask	109340 ask
 Blue	109332 ask	109333 ask	109331 ask
 Yellow	78230-00 ask	78231-00 ask	78232-00 ask
 Orange	78229-00 ask	78229-01 ask	78228-00 ask

SR 175 · Housings			
POS.	ORDER CODE	DESCRIPTION	€
Gray	109208 old 78004-00	SR 175 housing grey	ask
Red	109212 old 78008-00	SR 175 housing red	ask
Blue	109209 old 78005-00	SR 175 housing blue	ask
Yellow	78007-00	Housing SR 175 – yellow	ask
Orange	78006-00	Housing SR 175 – orange	ask

SR 175 · Contacts (silver-plated)			
POS.	ORDER CODE	DESCRIPTION	€
AWG 4	109360 old 78268-00	SR 175 contact AWG 4 (1 pc.) = 21,5 mm ²	ask
AWG 2	109364 old 78270-01	SR 175 contact AWG 2 (1 pc.) = 33,6 mm ²	ask
AWG 1/0	109363 old 78270-00	SR 175 contact AWG 1/0 (1 pc.) = 53,5 mm ²	ask

SR 175 · Accessories			
POS.	ORDER CODE	DESCRIPTION	€
4 	109393 old 78290-04	Handle grey SRX 175 & SRE 160 · angled · 4 screws 1/4" x 43 & screw nut	ask
4 	109401 old 78291-04	Handle red SRX 175 & SRE 160 · angled · 4 screws 1/4" x 43 & screw nut	ask
3 	102719 old 78010-00	Cable clamp grey for SR 175	ask
4	109392 old 78290-02	Handle grey SR 175 · angled · 2 screws 1/4" x 38	ask
4	109400 old 78291-02	Handle red SR 175 · angled · 2 screws 1/4" x 38	ask
	110912 old 78291-22	Handle red SR 175 · angled · 2 screws 1/4" x 43 & screw nut	ask
	109395 old 78290-32	Handle grey SR 175 · angled · 2 screws M6 x 40	ask
	109402 old 78291-32	Handle red SR 175 · angled · 2 screws M6 x 40	ask

SR 350



CONNECTOR SETS (HOUSING + CONTACTS) · NUMBERS = POS. IN THE TABLES

SR 350 · Connector sets (housing + contacts)

HOUSING COLOUR	1/0 AWG	2/0 AWG	3/0 AWG
Grey	109421 ask	109422 ask	109424 ask
Red	109428 ask	109429 ask	109430 ask
Blue	109425 ask	109426 ask	110390 ask
Green	78316-01 ask	78316-00 ask	78317-00 ask

SR 350 · Housings

POS.	ORDER CODE	DESCRIPTION	€
Gray	<u>109286</u> old 78135-00	SR 350 housing grey	ask
Red	<u>109289</u> old 78138-00	SR 350 housing red	ask
Blue	<u>109287</u> old 78136-00	SR 350 housing blue	ask
Green	<u>78139-00</u>	Housing SR 350 – green	ask

SR 350 · Contacts (silver-plated)

POS.	ORDER CODE	DESCRIPTION	€
AWG 1/0	<u>109368</u> old 78273-00	SR 350 contact AWG 1/0 (1 pc.) = 53,50 mm ²	ask
AWG 2/0	<u>109371</u> old 78275-00	SR 350 contact AWG 2/0 (1 pc.) = 67,43 mm ²	ask
AWG 3/0	<u>102752</u> old 78275-05	SR 350 contact AWG 3/0 (1 pc.) = 85,01 mm ²	ask
AWG 4/0	<u>102753</u> old 78275-10	SR 350 contact AWG 4/0 (1 pc.) = 107,43 mm ²	ask

SR 350 · Accessories

POS.	ORDER CODE	DESCRIPTION	€
	<u>109411</u> old 78297-04	Handle grey SRE 320 & SRX 350 · 4 screws 1/4" x 43 & spring wash.	ask
	<u>109417</u> old 78298-04	Handle red SRE 320 & SRX 350 · 4 screws 1/4" x 43 & spring wash.	ask
4	<u>109410</u> old 78297-02	Handle grey SR 350 · 2 screws 1/4" x 43 & spring wash	ask
3	<u>102723</u> old 78011-00	Cable clamp grey for SR 350	ask
4	<u>109405</u> old 78292-05	Handle grey SR 350 · straight · 2 screws 1/4" x 38 & spring wash	ask
4	<u>109416</u> old 78298-02	Handle red SR 350 · 2 screws 1/4" x 43 & spring wash	ask
	<u>109413</u> old 78297-22	Handle grey SR 350 · 2 screws M6 x 45	ask
	<u>109420</u> old 78298-22	Handle red SR 350 · 2 screws M6 x 45	ask

Cable size conversion

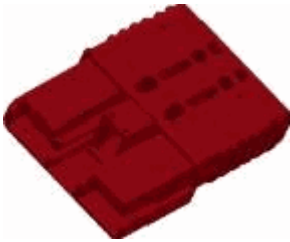
MM ²	AWG / MCM
10	8 AWG
16	6 AWG
25	4 AWG
35	2 AWG
50	1/0 AWG
70	2/0 AWG
95	3/0 AWG
120	4/0 AWG
150	300 MCM
240	500 MCM

06

SRE connectors

SRE 160 · SRE 320

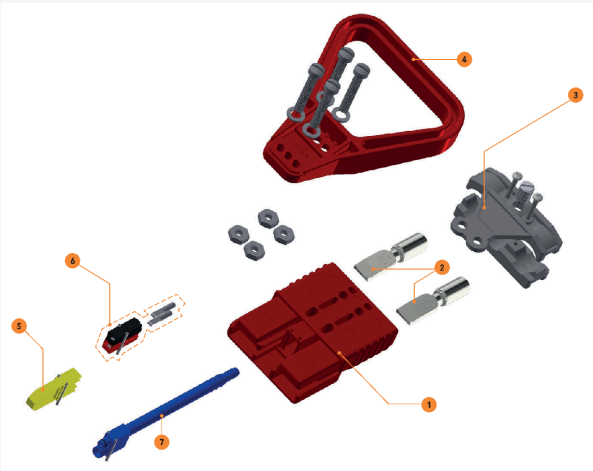
Genderless connectors in metric cable sizes, with the same colour - coded voltage system as SR. Air adapters, coding pins and auxiliary contact kits available.



SIZES	CABLE	CODING	APPROVALS
160 · 320 A	16 – 95 mm²	By housing colour	CE · UL recognised

Prices in EUR excl. VAT. Prices marked "ask": request a quote.

SRE 160



SRE 160 · SRE 320 · SRX 175 · SRX 350 – DRAWING © REMA · NUMBERS = POS. IN THE TABLES

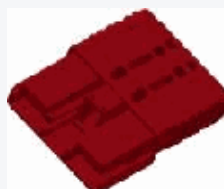
SRE 160 · Connector sets (housing + contacts)					
HOUSING COLOUR	16 MM²	25 MM²	35 MM²	50 MM²	1/0 AWG
Red	109233 ask	109228 ask	109251 11,00	109229 ask	109250 ask
Grey	on request	109220 ask	109238 ask	109221 ask	109237 ask
Blue	on request	109222 ask	109242 ask	109223 ask	109241 ask
Black	110907 ask	109232 ask	109264 ask	109234 ask	109265 ask
Yellow	on request	78033-00 ask	78066-00 ask	78034-00 ask	78065-00 ask
Green	on request	78037-00 ask	78081-00 ask	78038-00 ask	78080-00 ask
Orange	on request	78031-00 ask	78061-00 ask	78032-00 ask	78060-00 ask

SRE 160 · Housings				
POS.	ORDER CODE	DESCRIPTION	€	
Red	109217 old 78024-00	SRE 160 housing red	ask	
Gray	109214 old 78020-00	SRE 160 housing grey	ask	
Blue	109215 old 78021-00	SRE 160 housing blue	ask	
Black	109219 old 78026-00	SRE 160 housing black	ask	
Yellow	78023-00	Housing SRE 160 – yellow	ask	
Green	78025-00	Housing SRE 160 – green	ask	
Orange	78022-00	Housing SRE 160 – orange	ask	

SRE 160 · Contacts (silver-plated)				
POS.	ORDER CODE	DESCRIPTION	€	
16 mm²	109382 old 78284-00	SRE 160 contact 16 mm ² (1 pc.)	ask	
25 mm²	109378 old 78282-00	SRE 160 contact 25 mm ² (1 pc.)	ask	
35 mm²	109380 old 78283-00	SRE 160 contact 35 mm ² (1 pc.)	ask	
50 mm²	109376 old 78281-00	SRE 160 contact 50 mm ² (1 pc.)	3,10	
1/0 AWG	109374 old 78280-00	SRE 160 contact AWG 1/0 (1 pc.) = 53,5 mm²	ask	

SRE 160 · Accessories				
POS.	ORDER CODE	DESCRIPTION	€	
4	 109393 old 78290-04	Handle grey SRX 175 & SRE 160 · angled · 4 screws 1/4" x 43 & screw nut	ask	
4	 109401 old 78291-04	Handle red SRX 175 & SRE 160 · angled · 4 screws 1/4" x 43 & screw nut	ask	
	 109201 old 78000-00	Cable clamp grey · plastic · for SRX/ SRE 160 / 320	3,60	
	 108035 old 75071-10	Air adapter 6 + 8 mm · for 160 A flat connectors · light blue	ask	
5	 109252 old 78072-00	Coding pin (yellow)	ask	
	 109257 old 78079-00	Aux. cont. set for SRX/ SRE (standard)	ask	
	78039-03R	SRE160 – 16 mm ² – red	16,50	
	109398 old 78290-54	Handle grey SRX 175 & SRE 160 · angled · 4 screws M6 x 36	ask	
	109396 old 78290-34	Handle grey SRX 175 & SRE 160 · angled · 4 screws M6 x 36	ask	
	109403 old 78291-34	Handle red SRX 175 & SRE 160 · angled · 4 screws M6 x 36	ask	

SRE 320



CONNECTOR SETS (HOUSING + CONTACTS) · NUMBERS = POS. IN THE TABLES

SRE 320 · Connector sets (housing + contacts)					
HOUSING COLOUR	50 MM ²	70 MM ²	95 MM ²	2/0 AWG	35 MM ²
 Red	109446 ask	109447 ask	109449 ask	109448 ask	on request
 Grey	109438 ask	109439 ask	109441 ask	109440 ask	on request
 Blue	109442 ask	109443 ask	109445 ask	109444 ask	78336-35 ask
 Black	109455 ask	109456 ask	109458 ask	109457 ask	78349-35 ask
 Yellow	78352-00 ask	78353-00 ask	78355-00 ask	78353-05 ask	on request
 Green	78344-00 ask	78345-00 ask	78347-00 ask	78345-05 ask	on request
 Orange	78357-00 ask	78358-00 ask	78360-00 ask	78358-05 ask	on request
 Brown	78357-02 ask	78358-02 ask	78338-00 ask	on request	on request

SRE 320 · Housings			
POS.	ORDER CODE	DESCRIPTION	€
Red	109292 old 78151-00	SRE 320 housing red	ask
Gray	109290 old 78149-00	SRE 320 housing grey	ask
Blue	109291 old 78150-00	SRE 320 housing blue	ask
Black	109294 old 78153-00	SRE 320 housing black	ask
Yellow	78154-00	Housing SRE 320 – yellow	ask
Green	78152-00	Housing SRE 320 – green	ask
Orange	78155-00	Housing SRE 320 – orange	ask
Brown	78156-00	Housing SRE 320 – brown	ask
Purple	78157-00	Housing SRE 320 – purple	ask

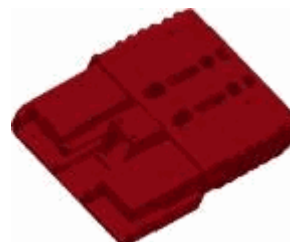
SRE 320 · Contacts (silver-plated)			
POS.	ORDER CODE	DESCRIPTION	€
35 mm²	102756 old 78286-00	SRE 320 contact 35 mm ² (1 pc.)	ask
50 mm²	109199 old 77951-00	SRE 320 contact 50 mm ² (1 pc.)	ask
70 mm²	109384 old 78285-00	SRE 320 contact 70 mm ² (1 pc.) · short version	ask
95 mm²	109389 old 78287-00	SRE 320 contact 95 mm ² (1 pc.)	ask
2/0 AWG	109385 old 78285-05	SRE 320 contact AWG 2/0 (1 pc.)	ask

SRE 320 · Accessories			
POS.	ORDER CODE	DESCRIPTION	€
4	 109410 old 78297-02	Handle grey SR 350 · 2 screws 1/4" x 43 & spring wash	ask
	 109411 old 78297-04	Handle grey SRE 320 & SRX 350 · 4 screws 1/4" x 43 & spring wash.	ask
	 109417 old 78298-04	Handle red SRE 320 & SRX 350 · 4 screws 1/4" x 43 & spring wash.	ask
	 109201 old 78000-00	Cable clamp grey · plastic · for SRX/ SRE 160 / 320	3,60
	 108036 old 75071-11	Air adapter 6 + 8 mm · for 320 A flat connectors · light blue	ask
5	 109252 old 78072-00	Coding pin (yellow)	ask
	 109257 old 78079-00	Aux. cont. set for SRX/ SRE (standard)	ask
	109406 old 78292-15	Handle grey SRE 320 · straight · 4 screws 1/4" x 3/4 & spring wash	ask
	109412 old 78297-14	Handle grey SRE 320 & SRX 350 · 4 screws 1/4" x 43 & screw nut	ask
	109414 old 78297-24	Handle grey SRE 320 & SRX 350 · 4 screws M6 x 45	ask

SRX connectors

SRX 175 · SRX 350

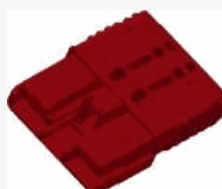
Genderless connectors for AWG cable, sharing housings and accessories with the SRE range.



SIZES	CABLE	CODING	APPROVALS
175 · 350 A	1/0 – 4/0 AWG	By housing colour	CE · UL recognised

Prices in EUR excl. VAT. Prices marked "ask": request a quote.

SRX 175



CONNECTOR SETS (HOUSING + CONTACTS) · NUMBERS = POS. IN THE TABLES

SRX 175 · Connector sets (housing + contacts)

HOUSING COLOUR	1/0 AWG
■ Red	109250 ask
■ Grey	109237 ask
■ Blue	109241 ask
■ Black	109265 ask
■ Yellow	78065-00 ask
■ Green	78080-00 ask
■ Orange	78060-00 ask

SRX 175 · Housings

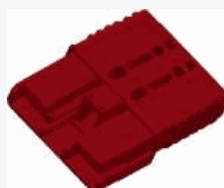
POS.	ORDER CODE	DESCRIPTION	€
Red	109217 old 78024-00	SRE 160 housing red	ask
Gray	109214 old 78020-00	SRE 160 housing grey	ask
Blue	109215 old 78021-00	SRE 160 housing blue	ask
Black	109219 old 78026-00	SRE 160 housing black	ask
Yellow	78023-00	Housing SRE 160 – yellow	ask
Green	78025-00	Housing SRE 160 – green	ask
Orange	78022-00	Housing SRE 160 – orange	ask

SRX 175 · Contacts (silver-plated)

POS.	ORDER CODE	DESCRIPTION	€
1/0 AWG	109374 old 78280-00	SRE 160 contact AWG 1/0 (1 pc.) = 53,5 mm ²	ask

SRX 175 · Accessories			
POS.	ORDER CODE	DESCRIPTION	€
4	 109393 old 78290-04	Handle grey SRX 175 & SRE 160 · angled · 4 screws 1/4" x 43 & screw nut	ask
4	 109401 old 78291-04	Handle red SRX 175 & SRE 160 · angled · 4 screws 1/4" x 43 & screw nut	ask
	 109201 old 78000-00	Cable clamp grey · plastic · for SRX/ SRE 160 / 320	3,60
5	 109252 old 78072-00	Coding pin (yellow)	ask
	 109257 old 78079-00	Aux cont. set for SRX/ SRE (standard)	ask

SRX 350



CONNECTOR SETS (HOUSING + CONTACTS) · NUMBERS = POS. IN THE TABLES

SRX 350 · Connector sets (housing + contacts)	
HOUSING COLOUR	2/0 AWG
 Red	109278 ask
 Grey	109272 ask
 Blue	109274 ask
 Black	109283 ask
 Yellow	78125-00 ask
 Green	78115-00 ask
 Orange	78130-00 ask

SRX 350 · Housings			
POS.	ORDER CODE	DESCRIPTION	€
Red	102738 old 78143-00	SRX 350 housing red	ask
Gray	102736 old 78141-00	SRX 350 housing grey	ask
Blue	102737 old 78142-00	SRX 350 housing blue	ask
Black	102740 old 78145-00	SRX 350 housing black	ask
Yellow	78146-00	Housing SRX 350 – yellow	ask
Green	78144-00	Housing SRX 350 – green	ask
Orange	78147-00	Housing SRX 350 – orange	ask

SRX 350 · Contacts (silver-plated)			
POS.	ORDER CODE	DESCRIPTION	€
2/0 AWG	109385 old 78285-05	SRE 320 contact AWG 2/0 (1 pc.)	ask
3/0 AWG	78287-05	Main Contact SRX 350/SRE 320 – 3/0 AWG	ask
4/0 AWG	102755 old 78285-10	SRX 350 contact AWG 4/0 (1 pc.) = 107,43 mm ²	ask

SRX 350 · Accessories

POS.		ORDER CODE	DESCRIPTION	€
4		109410 old 78297-02	Handle grey SR 350 · 2 screws 1/4" x 43 & spring wash	ask
		109411 old 78297-04	Handle grey SRE 320 & SRX 350 · 4 screws 1/4" x 43 & spring wash.	ask
		109417 old 78298-04	Handle red SRE 320 & SRX 350 · 4 screws 1/4" x 43 & spring wash.	ask
		109201 old 78000-00	Cable clamp grey · plastic · for SRX/ SRE 160 / 320	3,60
5		109252 old 78072-00	Coding pin (yellow)	ask
		109257 old 78079-00	Aux cont. set for SRX/ SRE (standard)	ask

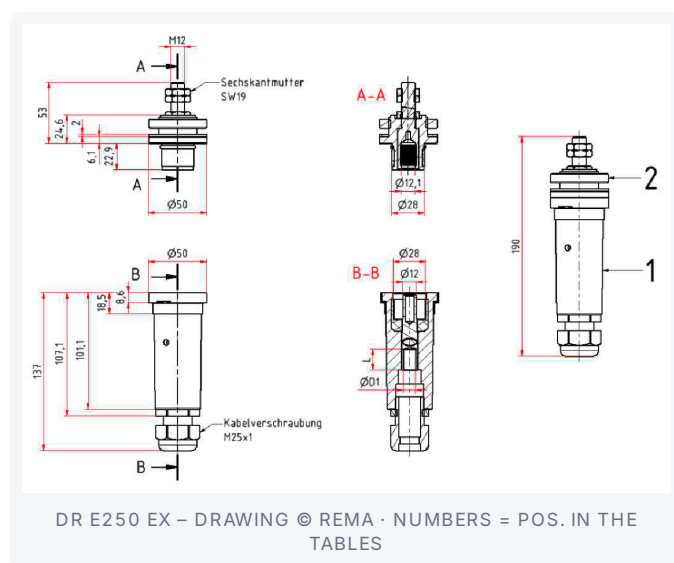
Explosion - proof connectors

DR E250 ex

Connectors for hazardous areas, approved for zone 1 (gas) and zone 21 (dust) to directive 2014/34/EU (EN 60079-0/-1/-7/-31). Contact coding gives polarity protection; with $\geq 50 \text{ mm}^2$ cable the DR E250 ex carries 250 A continuously.

APPROVAL	RATING	CABLE	MARKING
ATEX zone 1 / 21	250 A	25 – 70 mm ²	Ex

Prices in EUR excl. VAT. Prices marked "ask": request a quote.



MALE CONNECTOR – NEGATIVE · NUMBERS = POS. IN THE TABLES

Male connector – positive				
POS.	ORDER CODE	DESCRIPTION	€	
	79250-00	DR E250 ex Plug – positive – 25-50 mm ² – male	ask	
	79270-00	DR E250 ex Plug – positive – 70 mm ² – male	ask	
	79250-05	DR E250 ex Plug – positive – 25-50 mm ² – male – with coding system	ask	
	79270-05	DR E250 ex Plug – positive – 70 mm ² – male – with coding system	ask	
1	109137	DR E250 ex Plug 25 – 50 mm ² – positive	ask	
1	109143	DR E250 ex Plug 70 mm ² – positive	ask	
1	109140	DR E250 ex Plug 25 – 50 mm ² – positive	ask	
1	109145	DR E250 ex Plug 70 mm ² – positive	ask	

Male connector – negative				
POS.	ORDER CODE	DESCRIPTION	€	
	79250-01	DR E250 ex Plug – negative – 25-50 mm ² – male	ask	
	79270-01	DR E250 ex Plug – negative – 70 mm ² – male	ask	
	79250-06	DR E250 ex Plug – negative – 25-50 mm ² – male – with coding system	ask	
	79270-06	DR E250 ex Plug – negative – 70 mm ² – male – with coding system	ask	
1	109138	DR E250 ex Plug 25 – 50 mm ² – negative	ask	
1	109144	DR E250 ex Plug 70 mm ² – negative	ask	
1	109141	DR E250 ex Plug 25 – 50 mm ² – negative	ask	
1	109146	DR E250 ex Plug 70 mm ² – negative	ask	

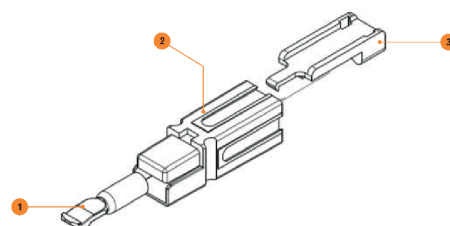
Female connector		
ORDER CODE	DESCRIPTION	€
79350-00	DR E250 ex M12 – female – with screw connection	ask
79350-05	DR E250 ex M12 – female – with screw connection and coding system	ask

09

Monocon connectors

Monocon 15/30/45 · Monocon 75 · Monocon 120 · Monocon 180

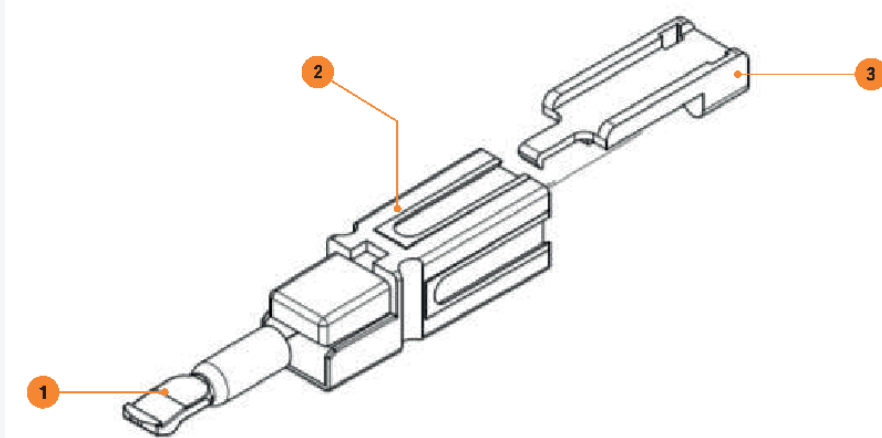
Compact genderless flat-blade connectors for light electric vehicles, chargers and DC power distribution. The housing colour codes the voltage, so only matching connectors mate. Complete connectors, housings, contacts and cable clamps.



SIZES	CABLE	CODING	DESIGN
15 – 180 A	AWG 16 – AWG 1/0	By housing colour	Genderless

Prices in EUR excl. VAT. Prices marked "ask": request a quote.

Monocon 15/30/45



MONOCON 15/30/45 · 75 · 120 · 180 – DRAWING © REMA · NUMBERS = POS. IN THE TABLES

Monocon 15/30/45 · Complete connectors

HOUSING COLOUR	AWG 16	AWG 12	AWG 10
■ Red	109537 ask	109516 ask	109531 ask
■ Black	109538 ask	109518 ask	109532 ask

Monocon 15/30/45 · Accessories

ORDER CODE	DESCRIPTION	€
109204 old 78000-30	Cable clamp grey for Monocon 15 A / 30 A	ask

Monocon 15/30/45 · Housings

ORDER CODE	DESCRIPTION	€
102804 old 80120-00	Monocon 15 A / 30 A housing red	ask
102805 old 80120-01	Monocon 15 A / 30 A housing black	ask
102808 old 80120-04	Monocon 15 A / 30 A housing blue	ask

Monocon 15/30/45 · Contacts

ORDER CODE	DESCRIPTION	€
102800 old 80093-01	Monocon 15 A contact AWG 16	ask
109510 old 80093-02	Monocon 30 A contact AWG 12	ask
102801 old 80093-05	Monocon 45 A contact AWG 10	ask

Monocon 75

Monocon 75 · Complete connectors	
HOUSING COLOUR	AWG 6
 Red	109541 ask
 Black	109542 ask
 Green	109544 ask
 Blue	109545 ask

Monocon 75 · Housings		
ORDER CODE	DESCRIPTION	€
109522 old 80115-00	Monocon 75 A housing red	ask
109523 old 80115-01	Monocon 75 A housing black	ask
109526 old 80115-04	Monocon 75 A housing blue	ask

Monocon 120

Monocon 120 · Complete connectors	
HOUSING COLOUR	AWG 2
 Red	109547 ask
 Black	109548 ask
 Blue	109556 ask

Monocon 120 · Housings		
ORDER CODE	DESCRIPTION	€
109557 old 80192-00	Monocon 120 A housing red	ask
109558 old 80192-01	Monocon 120 A housing black	ask
109561 old 80192-04	Monocon 120 A housing blue	ask

Monocon 120 · Contacts		
ORDER CODE	DESCRIPTION	€
109511 old 80093-03	Monocon 120 A contact AWG 8	ask

Monocon 180

Monocon 180 · Complete connectors	
HOUSING COLOUR	AWG 1/0
 Red	109552 ask
 Black	109553 ask
 Blue	109551 ask

Monocon 180 · Housings		
ORDER CODE	DESCRIPTION	€
109562 old 80193-00	Monocon 180 A housing red	ask
109563 old 80193-01	Monocon 180 A housing black	ask
109565 old 80193-04	Monocon 180 A housing blue	ask

PRODUCT RANGE

Albright DC contactors

Albright stud contactors for direct-current loads in electric vehicles, materials handling, marine thrusters and winches, hydraulics and power distribution. Double-breaking silver-alloy contacts, not polarity sensitive, coils from 12 V to 240 V.

80 – 600 A

stud and busbar contactors

12 – 240 V

DC and AC coils

IP66

sealed P-type versions

Stock range. The part numbers in this catalogue are the models we keep in stock. **Every other existing Albright part number** can be ordered – delivery typically 4–7 weeks. AC-coil versions (e.g. 230 V AC) are available with a rectifier board fitted. **Customer-specific contactors** are built to order: fill in Albright's application form – **standard contactors or HV500** – and send it to us. **Full technical data** for every series – ratings, coils, dimensions – is in the **Albright datasheets**.

MK-Controls Oy is an Albright distributor – established 1992. Contact us for prices, stock and lead times.

01



SW60 & SU60 miniature contactors

SW60 · SU60 · 80 – 100 A

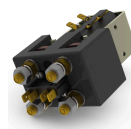
02



SW80 contactors

SW80 · SW82 · SW84 · SW88 · SW120

03



SW180 & SU80 contactors

SW180 · SW181 · SW182 · SU80 · 150 – 200 A

04



SW200 & SU280 contactors

SW200 · SW201 · SW202 · SU280 · 250 – 400 A

05



Motor reversing contactors

DC66 · DC88 · DC92 · DC182

06



High-current & high-voltage

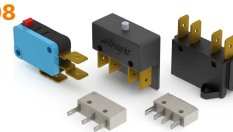
SW250 · SW260 · SW560 · SW1000 · HV500

07

Emergency disconnect switches

ED · SD

08



Spare parts & accessories

Contact kits · brackets · covers

09

Part number index – to order

All known Albright part numbers · 4–7 weeks

Contents

01 SW60 & SU60 miniature contactors

- SU60
- SW60
- SW61 · SW63 · SW66 · SW68

02 SW80 contactors

- SW80
- SW82
- SW84
- SW88
- SW85 · SW822 · SW92

03 SW180 & SU80 contactors

- SU80
- SW180
- SW181
- SW182

04 SW200 & SU280 contactors

- SU280
- SW200
- SW201

05 Motor reversing contactors

- DC66
- DC88
- DC182

06 High-current & high-voltage

- HV500 high voltage
- High-current & busbar

07 Emergency disconnect switches

- ED emergency disconnect
- SD emergency stop

08 Spare parts & accessories

- Mounting brackets
- Contacts, covers & auxiliary switches

09 Part number index – to order

SW60 & SU60 miniature contactors

SU60 · SW60 · SW61 · SW63 · SW66 · SW68

Compact single-pole contactors for pumps, small motors, lifts and power distribution in 12 – 80 V DC systems. Double-breaking silver-alloy contacts, not polarity sensitive; open, blowout and sealed IP66 versions.



RATING	COILS	POLES	TERMINALS
80 – 100 A	12 – 80 V DC	1 pole NO	M5 studs

Prices in EUR excl. VAT. Prices marked "ask": **request a quote**. Listed codes are stock models; other Albright part numbers 4–7 weeks.

CONTACTS

SPST NO	Single pole, single throw, normally open
SPST NC	Single pole, single throw, normally closed
SPDT	Single pole, double throw (changeover)
DPST NO	Double pole, single throw, normally open
2 × SPDT	Paired changeover – DC motor reversing

COIL DUTY (DUTY COLUMN)

CO	Continuous – 100 %, may stay energised permanently
PO	Prolonged – up to 90 %, max. 54 min on at a time
INT	Intermittent – up to 70 %, max. 15 min on at a time
HO	Very intermittent – up to 25 %, max. 3 min on at a time

RATING = interrupted / uninterrupted current (switching on load / carrying only). Shorter duty = stronger coil and return spring = better switching on load (motors, winches).

OPTIONS (• = FITTED)

A	Auxiliary contacts
B	Magnetic blowouts
C	V3 auxiliary contact
P	Sealed to IP66
L	Large contact tips
T	Textured contact tips
M	Magnetically latched

SU60

SU60 · 100 A									
ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	B	P	NOTES	€
<u>SU60-2120P</u>	SPST NO	100 A	12 V	HO			•		36,00
<u>SU60A-2446</u>	SPST NO	100 A	24 V		•				47,00
<u>SU60-2025</u>	SPST NO	100 A	48 V	CO					33,00
<u>SU60B-2169</u>	SPST NO	100 A	80 V	CO		•			34,50

SU60 · standard configurations – to order									
ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	B	P	L	NOTES
<u>SU60</u>	SPST NO	100 A	6–96 V	CO / INT					33,00
<u>SU60A</u>	SPST NO	100 A	6–96 V	CO / INT	•				47,00

ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	B	P	L	NOTES	€
SU60B	SPST NO	100 A	6–96 V	CO / INT	•					34,50
SU60AB	SPST NO	100 A	6–96 V	CO / INT	•	•				48,50
SU60P	SPST NO	100 A	6–96 V	CO / INT			•			36,00
SU60BP	SPST NO	100 A	6–96 V	CO / INT	•	•				37,00
SU60L	SPST NO	100 A	6–96 V	CO / INT				•		40,50

Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.

SW60

SW60 · 80 A										
ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	B	C	P	M	NOTES
SW60B-2	SPST NO	80 A	12 V	CO	•					
SW60-281	SPST NO	80 A	12 V	INT						
SW60-331	SPST NO	80 A	12 V	INT						
SW60-4	SPST NO	80 A	24 V	CO						
SW60-40P	SPST NO	80 A	24 V	CO				•		
SW60A-22	SPST NO	80 A	24 V	CO	•					
SW60A-232	SPST NO	80 A	24 V	CO	•					
SW60CB-512	SPST NO	80 A	24 V			•	•			
SW60-44P	SPST NO	80 A	48 V	CO				•		removable bracket
SW60A-26	SPST NO	80 A	48 V	CO	•					
SW60B-8	SPST NO	80 A	48 V	CO	•					
SW60B-258	SPST NO	80 A	48 V	CO	•					
SW60B-515	SPST NO	80 A	48 V	CO	•					removable bracket
SW60B-534	SPST NO	80 A	48 V	CO	•					
SW60-382M	SPST NO	80 A	48 V	INT				•		
SW60B-7	SPST NO	80 A	48 V	INT	•					
SW60-553	SPST NO	80 A	80 V	CO						
SW60B-514	SPST NO	80 A	80 V	CO	•					
SW60B-537	SPST NO	80 A	80 V	CO	•					

SW60 · standard configurations – to order										
ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	B	P	NOTES		€
SW60	SPST NO	80 A	6–96 V	CO / INT						30,00
SW60A	SPST NO	80 A	6–96 V	CO / INT	•					45,00
SW60B	SPST NO	80 A	6–96 V	CO / INT	•					31,50
SW60AB	SPST NO	80 A	6–96 V	CO / INT	•	•				46,50
SW60P	SPST NO	80 A	6–96 V	CO / INT			•			33,00
SW60BP	SPST NO	80 A	6–96 V	CO / INT	•	•				34,50

Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.

SW61 · SW63 · SW66 · SW68

SW61 · standard configurations – to order

ORDER CODE	CONTACTS	COIL	DUTY	A	B	NOTES	€
SW61	SPDT	6–96 V	CO / INT				35,00
SW61A	SPDT	6–96 V	CO / INT	•			48,50
SW61B	SPDT	6–96 V	CO / INT		•		36,50

Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.

SW63 · standard configurations – to order

ORDER CODE	CONTACTS	COIL	DUTY	B	P	NOTES	€
SW63	SPST NC	6–96 V	CO / INT				31,50
SW63B	SPST NC	6–96 V	CO / INT	•			33,00
SW63P	SPST NC	6–96 V	CO / INT		•		34,00

Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.

SW80 contactors

SW80 · SW82 · SW84 · SW88 · SW85 · SW822 · SW92

The most widely used Albright stud contactor family: single pole, double pole, changeover and double-acting reversing versions for electric vehicles, hydraulics, winches, thrusters and battery isolation.



RATING	COILS	VERSIONS	OPTIONS
100 – 125 A	12 – 125 V DC	NO · DP · changeover · reversing	IP66 · blowouts · aux.

Prices in EUR excl. VAT. Prices marked "ask": **request a quote**. Listed codes are stock models; other Albright part numbers 4–7 weeks.

CONTACTS

SPST NO	Single pole, single throw, normally open
SPST NC	Single pole, single throw, normally closed
SPDT	Single pole, double throw (changeover)
DPST NO	Double pole, single throw, normally open
2 × SPDT	Paired changeover – DC motor reversing

COIL DUTY (DUTY COLUMN)

CO	Continuous – 100 %, may stay energised permanently
PO	Prolonged – up to 90 %, max. 54 min on at a time
INT	Intermittent – up to 70 %, max. 15 min on at a time
HO	Very intermittent – up to 25 %, max. 3 min on at a time

RATING = interrupted / uninterrupted current (switching on load / carrying only). Shorter duty = stronger coil and return spring = better switching on load (motors, winches).

OPTIONS (• = FITTED)

A	Auxiliary contacts
B	Magnetic blowouts
C	V3 auxiliary contact
P	Sealed to IP66
L	Large contact tips
T	Textured contact tips
M	Magnetically latched

SW80



SEALED P TYPE (IP66)

SW80 · single pole

ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	B	C	L	T	M	NOTES	€
<u>SW80-35</u>	SPST NO	100/125 A	12 V	CO								50,00
<u>SW80-58</u>	SPST NO	100/125 A	12 V	CO								50,00
<u>SW80-745</u>	SPST NO	100/125 A	12 V	CO								50,00
<u>SW80-2017T</u>	SPST NO	100/125 A	12 V	CO					•		Haulotte	50,00
<u>SW80-3</u>	SPST NO	100/125 A	12 V	INT								50,00
<u>SW80-2019</u>	SPST NO	100/125 A	12 V	INT							enclosed top cover	50,00

ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	B	C	L	T	M	NOTES	€
SW80C-2004M	SPST NO	100/125 A	12 V	INT			•			•		61,00
SW80-6	SPST NO	100/125 A	24 V	CO								50,00
SW80-65	SPST NO	100/125 A	24 V	CO								50,00
SW80-105	SPST NO	100/125 A	24 V	CO								50,00
SW80-116	SPST NO	100/125 A	24 V	CO								50,00
SW80-284	SPST NO	100/125 A	24 V	CO								50,00
SW80-359	SPST NO	100/125 A	24 V	CO								50,00
SW80-1742	SPST NO	100/125 A	24 V	CO							JPT/JPY connector	50,00
SW80A-182	SPST NO	100/125 A	24 V	CO	•							72,00
SW80AB-19	SPST NO	100/125 A	24 V	CO	•	•						76,00
SW80B-6	SPST NO	100/125 A	24 V	CO			•					55,00
SW80-1	SPST NO	100/125 A	24 V	INT								50,00
SW80-278	SPST NO	100/125 A	24 V	INT								50,00
SW80-1005L	SPST NO	100/125 A	24 V	INT					•			58,00
SW80-1919L	SPST NO	100/125 A	24 V	INT					•		JPT/JPY connector	58,00
SW80A-18	SPST NO	100/125 A	24 V	INT	•							72,00
SW80-28	SPST NO	100/125 A	28 V	CO								50,00
SW80-398	SPST NO	100/125 A	36 V	CO								50,00
SW80B-7	SPST NO	100/125 A	36 V	INT			•					55,00
SW80B-40	SPST NO	100/125 A	36-48 V	INT			•					55,00
SW80B-10	SPST NO	100/125 A	48 V	CO			•					55,00
SW80B-156	SPST NO	100/125 A	48 V	CO			•					55,00
SW80B-15	SPST NO	100/125 A	72 V	CO			•					55,00
SW80B-1648	SPST NO	100/125 A	125 V	CO			•					55,00

SW80 · sealed IP66 (P types)

ORDER CODE	CONTACTS	RATING	COIL	DUTY	P	L	NOTES	€
SW80-384P	SPST NO	100/125 A	12 V	CO	•			60,00
SW80-390P	SPST NO	100/125 A	12 V	CO	•			60,00
SW80-374P	SPST NO	100/125 A	12 V	INT	•			60,00
SW80-859PE	SPST NO	100/125 A	12 V	INT	•			55,00
SW80-357P	SPST NO	100/125 A	24 V	CO	•			60,00
SW80-375P	SPST NO	100/125 A	24 V	INT	•			60,00
SW80-753PE	SPST NO	100/125 A	24 V	INT	•			55,00
SW80-860PE	SPST NO	100/125 A	24 V	INT	•			55,00
SW80-912PL	SPST NO	100/125 A	24 V	INT	•	•		67,00
SW80-1601P	SPST NO	100/125 A	24 V	INT	•			60,00
SW80-1612PL	SPST NO	100/125 A	24 V	INT	•	•		67,00
SW80-2220PL	SPST NO	100/125 A	24 V	INT	•	•		67,00
SW80-2243PE	SPST NO	100/125 A	24 V	INT	•			55,00
SW80-746P	SPST NO	100/125 A	36-48 V	CO	•			60,00
SW80-1609P	SPST NO	100/125 A	80 V	CO	•			60,00

SW80 · special versions

ORDER CODE	CONTACTS	RATING	COIL	P	L	NOTES	€
SW80S-1876PL	SPST NO	100/125 A	12 V	•	•	starter solenoid	75,00

SW80 · standard configurations – to order									
ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	B	P	L	NOTES
SW80	SPST NO	100/125 A	6–96 V	CO / INT					
SW80A	SPST NO	100/125 A	6–96 V	CO / INT	•				
SW80B	SPST NO	100/125 A	6–96 V	CO / INT		•			
SW80AB	SPST NO	100/125 A	6–96 V	CO / INT	•	•			
SW80P	SPST NO	100/125 A	6–96 V	CO / INT			•		
SW80L	SPST NO	100/125 A	6–96 V	CO / INT				•	
SW80BL	SPST NO	100/125 A	6–96 V	CO / INT		•		•	
SW80PL	SPST NO	100/125 A	6–96 V	CO / INT			•	•	
Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.									

SW82

SW82 · double pole									
ORDER CODE	CONTACTS	RATING	COIL	DUTY	P	M	NOTES		€
SW82-1	DPST NO	100 A	12 V	INT					65,00
SW82-4	DPST NO	100 A	24 V	CO					65,00
SW82-228MP	DPST NO	100 A	24 V	CO	•	•	master switch		91,00
SW82-371	DPST NO	100 A	24 V	CO			JPT/JPY connector · fuse holder		65,00
SW82-389	DPST NO	100 A	24 V	CO			JPT/JPY connector · fuse holder · Linde 7535701		65,00
SW82-3	DPST NO	100 A	24 V	INT					65,00
SW82-122P	DPST NO	100 A	28 V	CO	•				75,00

SW82 · standard configurations – to order									
ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	P	L	NOTES	€
SW82	DPST NO	100 A	6–96 V	CO / INT					65,00
SW82A	DPST NO	100 A	6–96 V	CO / INT	•				89,00
SW82P	DPST NO	100 A	6–96 V	CO / INT		•			75,00
SW82L	DPST NO	100 A	6–96 V	CO / INT			•		78,00
Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.									

SW84

SW84 · changeover									
ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	B	L	NOTES	€
SW84-466L	SPDT	100/125 A	12 V	INT			•		115,00
SW84-4	SPDT	100/125 A	24 V	CO					93,00
SW84A-17	SPDT	100/125 A	24 V	CO	•				121,00
SW84B-4	SPDT	100/125 A	24 V	CO		•			99,00
SW84-1	SPDT	100/125 A	24 V	INT					93,00

ORDER CODE	CONTACTS	RATING	COIL	DUTY	A B L	NOTES	€
SW84A-16	SPDT	100/125 A	24 V	INT	•		121,00
SW84-7	SPDT	100/125 A	48 V	INT			93,00

SW84 · standard configurations – to order

ORDER CODE	CONTACTS	RATING	COIL	DUTY	A B	NOTES	€
SW84	SPDT	100/125 A	6–96 V	CO / INT			93,00
SW84A	SPDT	100/125 A	6–96 V	CO / INT	•		121,00
SW84B	SPDT	100/125 A	6–96 V	CO / INT	•		99,00
SW84AB	SPDT	100/125 A	6–96 V	CO / INT	• •		127,00

Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.

SW88

SW88 · SW120 · SW163

ORDER CODE	CONTACTS	RATING	COIL	DUTY	A B	NOTES	€
SW88-3	2 × SPDT, reversing	100 A	12 V	INT			99,00
SW163-2	DP–SP changeover		12 V	INT			146,00
SW88B-3	2 × SPDT, reversing	100 A	12 V	HO	•		105,00
SW88A-16	2 × SPDT, reversing	100 A	24 V	CO	•		127,00
SW120A-125	DPST NO	125 A	24 V	PO	•		130,00
SW88-1	2 × SPDT, reversing	100 A	24 V	INT			99,00
SW88-46	2 × SPDT, reversing	100 A	24 V	INT			99,00

SW88 · standard configurations – to order

ORDER CODE	CONTACTS	RATING	COIL	DUTY	A B	NOTES	€
SW88	2 × SPDT, reversing	100 A	6–96 V	CO / INT			99,00
SW88A	2 × SPDT, reversing	100 A	6–96 V	CO / INT	•		127,00
SW88B	2 × SPDT, reversing	100 A	6–96 V	CO / INT	•		105,00
SW88AB	2 × SPDT, reversing	100 A	6–96 V	CO / INT	• •		133,00

Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.

SW85 · SW822 · SW92

SW85 · standard configurations – to order

ORDER CODE	CONTACTS	COIL	DUTY	A B P	NOTES	€
SW85	SPST NC	6–96 V	CO / INT			58,00
SW85A	SPST NC	6–96 V	CO / INT	•		79,00
SW85B	SPST NC	6–96 V	CO / INT	•		63,00
SW85P	SPST NC	6–96 V	CO / INT	•		70,00

Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.

Part number key

LETTER	MEANING
A	Auxiliary contacts fitted
B	Magnetic blowouts
C	V3 auxiliary contacts
E	Economy circuit
N	No blowouts (SW200)
-nnn	Identity no. (coil & spec)
L	Large contact tips
M	Magnetically latched
P	Protected to IP66
T	Textured contact tips

Example: SW80**B**-1612**PL** = SW80 with blowouts, identity 1612, IP66, large tips.

SW180 & SU80 contactors

SU80 · SW180 · SW181 · SW182

Mid-range contactors for traction, pump and steering motors, battery disconnect and power distribution. SU80 is the modern sealed series; SW181/SW182 changeover and reversing combinations.



RATING	COILS	VERSIONS	OPTIONS
150 – 200 A	12 – 80 V DC	NO · changeover · reversing	IP66 · blowouts · latching

Prices in EUR excl. VAT. Prices marked "ask": request a quote. Listed codes are stock models; other Albright part numbers 4–7 weeks.

CONTACTS

SPST NO	Single pole, single throw, normally open
SPST NC	Single pole, single throw, normally closed
SPDT	Single pole, double throw (changeover)
DPST NO	Double pole, single throw, normally open
2 × SPDT	Paired changeover – DC motor reversing

COIL DUTY (DUTY COLUMN)

CO	Continuous – 100 %, may stay energised permanently
PO	Prolonged – up to 90 %, max. 54 min on at a time
INT	Intermittent – up to 70 %, max. 15 min on at a time
HO	Very intermittent – up to 25 %, max. 3 min on at a time

RATING = interrupted / uninterrupted current (switching on load / carrying only). Shorter duty = stronger coil and return spring = better switching on load (motors, winches).

OPTIONS (• = FITTED)

A	Auxiliary contacts
B	Magnetic blowouts
C	V3 auxiliary contact
P	Sealed to IP66
L	Large contact tips
T	Textured contact tips
M	Magnetically latched

SU80



SEALED IP66 VERSION

SU80 · sealed series

ORDER CODE	CONTACTS	RATING	COIL	DUTY	P	L	NOTES	€
<u>SU80-5567</u>	SPST NO	150/200 A	12 V	INT				46,00
<u>SU80-5162PL</u>	SPST NO	150/200 A	14 V	CO	•	•		60,00
<u>SU80-5050P</u>	SPST NO	150/200 A	24 V	CO	•			54,00
<u>SU80-5144P</u>	SPST NO	150/200 A	24 V	INT	•			54,00
<u>SU80-5163PL</u>	SPST NO	150/200 A	28 V	CO	•	•		60,00
<u>SU80-5217P</u>	SPST NO	150/200 A	36 V	INT	•			54,00

ORDER CODE	CONTACTS	RATING	COIL	DUTY	P L	NOTES	€
SU80-5046P	SPST NO	150/200 A	48 V	CO	•		54,00
SU80-5048P	SPST NO	150/200 A	48 V	INT	•		54,00

SU80 · standard configurations – to order

ORDER CODE	CONTACTS	RATING	COIL	DUTY	A B P L	NOTES	€
SU80	SPST NO	150/200 A	6–96 V	CO / INT			46,00
SU80A	SPST NO	150/200 A	6–96 V	CO / INT	•		63,00
SU80B	SPST NO	150/200 A	6–96 V	CO / INT	•		49,50
SU80AB	SPST NO	150/200 A	6–96 V	CO / INT	• •		67,00
SU80P	SPST NO	150/200 A	6–96 V	CO / INT		•	54,00
SU80BP	SPST NO	150/200 A	6–96 V	CO / INT	• •		57,00
SU80L	SPST NO	150/200 A	6–96 V	CO / INT		•	52,00
SU80PL	SPST NO	150/200 A	6–96 V	CO / INT	• •		60,00

Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.

SW180



SW180 WITH MANUAL OVERRIDE

SW180 · single pole

ORDER CODE	CONTACTS	RATING	COIL	DUTY	A B L M	NOTES	€
SW180B-2	SPST NO	150/200 A	12 V	CO	•		91,00
SW180B-1248L	SPST NO	150/200 A	12 V	INT	• •		121,00
SW180-4	SPST NO	150/200 A	24 V	CO			86,00
SW180A-595	SPST NO	150/200 A	24 V	CO	•		106,00
SW180AB-48	SPST NO	150/200 A	24 V	CO	• •		111,00
SW180B-4	SPST NO	150/200 A	24 V	CO	•		91,00
SW180-3	SPST NO	150/200 A	24 V	INT			86,00
SW180-448L	SPST NO	150/200 A	24 V	INT		•	115,00
SW180-809	SPST NO	150/200 A	24 V	INT			86,00
SW180-954L	SPST NO	150/200 A	24 V	INT		•	115,00
SW180B-3	SPST NO	150/200 A	24 V	INT	•		91,00
SW180B-448L	SPST NO	150/200 A	24 V	INT	• •		121,00
SW180-201	SPST NO	150/200 A	28 V	CO			86,00
SW180A-649M	SPST NO	150/200 A	30 V	INT	•	•	126,00
SW180B-93	SPST NO	150/200 A	36–48 V	INT	•		91,00
SW180B-8	SPST NO	150/200 A	48 V	CO	•		91,00
SW180B-108	SPST NO	150/200 A	48 V	CO	•		91,00
SW180AB-51	SPST NO	150/200 A	48 V	INT	• •		111,00
SW180B-14	SPST NO	150/200 A	72–80 V	CO	•		91,00
SW180B-204	SPST NO	150/200 A	80 V	CO	•		91,00

ORDER CODE	CONTACTS	RATING	COIL	DUTY	A B L M	NOTES	€
SW180AB-879L	SPST NO	150/200 A	80 V	INT	• • •		141,00

SW180 · standard configurations – to order

ORDER CODE	CONTACTS	RATING	COIL	DUTY	A B L	NOTES	€
SW180	SPST NO	150/200 A	6–96 V	CO / INT			86,00
SW180A	SPST NO	150/200 A	6–96 V	CO / INT	•		106,00
SW180B	SPST NO	150/200 A	6–96 V	CO / INT	•		91,00
SW180AB	SPST NO	150/200 A	6–96 V	CO / INT	• •		111,00
SW180L	SPST NO	150/200 A	6–96 V	CO / INT		•	115,00
SW180BL	SPST NO	150/200 A	6–96 V	CO / INT	• •		121,00

Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.

SW181

SW181 · changeover

ORDER CODE	CONTACTS	RATING	COIL	DUTY	A B T	NOTES	€
SW181-1	SPDT	150 A	12 V	INT			99,00
SW181-4	SPDT	150 A	24 V	CO			99,00
SW181A-48	SPDT	150 A	24 V	CO	•		115,00
SW181AB-48	SPDT	150 A	24 V	CO	• •		119,00
SW181B-141	SPDT	150 A	24 V	CO	•		103,00
SW181B-241T	SPDT	150 A	24 V	INT	• •		103,00
SW181-8	SPDT	150 A	48 V	CO			99,00
SW181AB-52	SPDT	150 A	48 V	CO	• •		119,00
SW181AB-51	SPDT	150 A	48 V	INT	• •		119,00

SW181 · standard configurations – to order

ORDER CODE	CONTACTS	RATING	COIL	DUTY	A B	NOTES	€
SW181	SPDT	150 A	6–96 V	CO / INT			99,00
SW181A	SPDT	150 A	6–96 V	CO / INT	•		115,00
SW181B	SPDT	150 A	6–96 V	CO / INT	•		103,00
SW181AB	SPDT	150 A	6–96 V	CO / INT	• •		119,00

Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.

SW182

SW182 · motor reversing

ORDER CODE	CONTACTS	RATING	COIL	DUTY	B	NOTES	€
SW182B-2	2 × SPDT, reversing	150 A	12 V	CO	•		247,00
SW182B-4	2 × SPDT, reversing	150 A	24 V	CO	•		247,00

ORDER CODE	CONTACTS	RATING	COIL	DUTY	B	NOTES	€
<u>SW182B-102</u>	2 × SPDT, reversing	150 A	24 V	INT	•		247,00
<u>SW182B-93</u>	2 × SPDT, reversing	150 A	36–48 V	INT	•		247,00

SW182 · standard configurations – to order

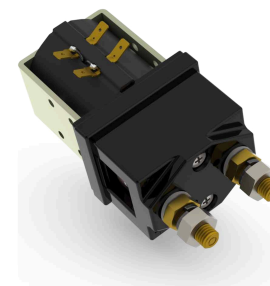
ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	B	NOTES	€
<u>SW182</u>	2 × SPDT, reversing	150 A	6–96 V	CO / INT				239,00
<u>SW182A</u>	2 × SPDT, reversing	150 A	6–96 V	CO / INT	•			275,00
<u>SW182B</u>	2 × SPDT, reversing	150 A	6–96 V	CO / INT		•		247,00
<u>SW182AB</u>	2 × SPDT, reversing	150 A	6–96 V	CO / INT	•	•		284,00

Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.

SW200 & SU280 contactors

SU280 · SW200 · SW201

Heavy-duty contactors for main line switching, traction and battery isolation up to 400 A. Magnetic blowouts as standard on SW200; SU280 in open and sealed IP66 versions; AC coil versions available.



RATING	COILS	VERSIONS	OPTIONS
250 – 400 A	12 – 96 V DC · 110 – 240 V AC	NO · changeover · reversing	IP66 · blowouts · aux.

Prices in EUR excl. VAT. Prices marked "ask": **request a quote**. Listed codes are stock models; other Albright part numbers 4–7 weeks.

CONTACTS

SPST NO	Single pole, single throw, normally open
SPST NC	Single pole, single throw, normally closed
SPDT	Single pole, double throw (changeover)
DPST NO	Double pole, single throw, normally open
2 × SPDT	Paired changeover – DC motor reversing

COIL DUTY (DUTY COLUMN)

CO	Continuous – 100 %, may stay energised permanently
PO	Prolonged – up to 90 %, max. 54 min on at a time
INT	Intermittent – up to 70 %, max. 15 min on at a time
HO	Very intermittent – up to 25 %, max. 3 min on at a time

RATING = interrupted / uninterrupted current (switching on load / carrying only). Shorter duty = stronger coil and return spring = better switching on load (motors, winches).

OPTIONS (• = FITTED)

A	Auxiliary contacts
B	Magnetic blowouts
C	V3 auxiliary contact
P	Sealed to IP66
L	Large contact tips
T	Textured contact tips
M	Magnetically latched

SW200, SW201 and SW202 always have magnetic blowouts (B), also when the B is not in the part number; "N" in the type means without blowouts.

SU280



SU280

SU280							
ORDER CODE	CONTACTS	RATING	COIL	DUTY	B	P	NOTES
<u>SU280-1066P</u>	SPST NO	250/350 A	12 V	CO	•		110,00
<u>SU280-1001</u>	SPST NO	250/350 A	12 V	INT			95,00
<u>SU280-1067P</u>	SPST NO	250/350 A	24 V	INT	•		110,00
<u>SU280-1174</u>	SPST NO	250/350 A	24 V	INT			95,00

ORDER CODE	CONTACTS	RATING	COIL	DUTY	B	P	NOTES	€
SU280-1010	SPST NO	250/350 A	48 V	CO				95,00
SU280-1074P	SPST NO	250/350 A	48 V	CO		•		110,00
SU280B-1699	SPST NO	250/350 A	48 V	CO	•			99,00
SU280B-1387	SPST NO	250/350 A	48 V	INT	•			99,00
SU280B-1283	SPST NO	250/350 A	72 V	CO	•			99,00
SU280B-1015	SPST NO	250/350 A	80 V	INT	•			99,00
SU280B-1079P	SPST NO	250/350 A	80 V	INT	•	•		115,00
SU280B-1412	SPST NO	250/350 A	80 V	INT	•			99,00
SU280B-1326	SPST NO	250/350 A	96 V	CO	•			99,00

SU280 · standard configurations – to order

ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	B	P	NOTES	€
SU280	SPST NO	250/350 A	6–96 V	CO / INT					95,00
SU280A	SPST NO	250/350 A	6–96 V	CO / INT	•				112,00
SU280B	SPST NO	250/350 A	6–96 V	CO / INT		•			99,00
SU280AB	SPST NO	250/350 A	6–96 V	CO / INT	•	•			116,00
SU280P	SPST NO	250/350 A	6–96 V	CO / INT			•		110,00
SU280BP	SPST NO	250/350 A	6–96 V	CO / INT		•	•		115,00

Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.

SW200

SW200 · single pole

ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	B	NOTES	€
SW200-22	SPST NO	250/400 A	12 V	INT		•		193,00
SW200-29	SPST NO	250/400 A	24 V	CO		•		193,00
SW200-336	SPST NO	250/400 A	24 V	CO		•		193,00
SW200A-11	SPST NO	250/400 A	24 V	CO	•	•		217,00
SW200-115	SPST NO	250/400 A	24 V	INT		•		193,00
SW200-281	SPST NO	250/400 A	24 V	INT		•		193,00
SW200-445	SPST NO	250/400 A	24 V	INT		•		193,00
SW200-92	SPST NO	250/400 A	36 V	CO		•		193,00
SW200-20	SPST NO	250/400 A	48 V	CO		•		193,00
SW200-914	SPST NO	250/400 A	48 V	CO		•	enclosed top cover	193,00
SW200A-261	SPST NO	250/400 A	48 V	CO	•	•		217,00
SW200AN-1222	SPST NO	250/400 A	48 V	CO	•			212,00
SW200A-14	SPST NO	250/400 A	48 V	INT	•	•		217,00
SW200-21	SPST NO	250/400 A	72–80 V	CO		•		193,00
SW200-1405	SPST NO	250/400 A	96 V	CO		•		193,00
SW200A-24	SPST NO	250/400 A	110 V	CO	•	•		217,00
SW200-599	SPST NO	250/400 A	230 V AC	CO		•		193,00
SW200N-48	SPST NO	250/400 A	240 V AC					188,00

SW200 · standard configurations – to order

ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	B	NOTES	€
SW200	SPST NO	250/400 A	6–96 V	CO / INT	•			193,00
SW200A	SPST NO	250/400 A	6–96 V	CO / INT	•	•		217,00
SW200N	SPST NO	250/400 A	6–96 V	CO / INT				188,00
SW200AN	SPST NO	250/400 A	6–96 V	CO / INT	•			212,00

Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.

SW201

SW201 · SW202 · changeover & reversing								
ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	B	NOTES	€
SW202-60	2 × SPDT, reversing	250 A	12 V	CO		•		299,00
SW201A-14	SPDT	250 A	24 V	CO	•	•		212,00
SW202-16	2 × SPDT, reversing	250 A	24 V	CO		•		299,00
SW201-241	SPDT	250 A	24 V	INT		•		194,00
SW202N-6	2 × SPDT, reversing	250 A	24 V	INT				294,00
SW201-157	SPDT	250 A	72–80 V	CO		•		194,00

SW201 · standard configurations – to order								
ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	B	NOTES	€
SW201	SPDT	250 A	6–96 V	CO / INT		•		194,00
SW201A	SPDT	250 A	6–96 V	CO / INT	•	•		212,00
SW201N	SPDT	250 A	6–96 V	CO / INT				191,00

Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.

SW202 · standard configurations – to order								
ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	B	NOTES	€
SW202	2 × SPDT, reversing	250 A	6–96 V	CO / INT		•		299,00
SW202A	2 × SPDT, reversing	250 A	6–96 V	CO / INT	•	•		326,00
SW202N	2 × SPDT, reversing	250 A	6–96 V	CO / INT				294,00

Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.

Motor reversing contactors

DC66 · DC88 · DC182

Monoblock direction contactors for DC motors: bow and stern thrusters, winches, tail-lifts, hydraulic power packs and access platforms. Two contactors mechanically and electrically paired on one block.



RATING	COILS	DUTY	OPTIONS
80 – 150 A	12 – 80 V DC	Intermittent	IP66 · blowouts

Prices in EUR excl. VAT. Prices marked "ask": **request a quote**. Listed codes are stock models; other Albright part numbers 4–7 weeks.

CONTACTS

SPST NO	Single pole, single throw, normally open
SPST NC	Single pole, single throw, normally closed
SPDT	Single pole, double throw (changeover)
DPST NO	Double pole, single throw, normally open
2 × SPDT	Paired changeover – DC motor reversing

COIL DUTY (DUTY COLUMN)

CO	Continuous – 100 %, may stay energised permanently
PO	Prolonged – up to 90 %, max. 54 min on at a time
INT	Intermittent – up to 70 %, max. 15 min on at a time
HO	Very intermittent – up to 25 %, max. 3 min on at a time

RATING = interrupted / uninterrupted current (switching on load / carrying only). Shorter duty = stronger coil and return spring = better switching on load (motors, winches).

OPTIONS (• = FITTED)

A	Auxiliary contacts
B	Magnetic blowouts
C	V3 auxiliary contact
P	Sealed to IP66
L	Large contact tips
T	Textured contact tips
M	Magnetically latched

DC66

DC66 · 80 A						
ORDER CODE	CONTACTS	RATING	COIL	DUTY	P	NOTES
DC66-11P	2 × SPDT, reversing	80 A	12 V	CO	•	75,00
DC66-9P	2 × SPDT, reversing	80 A	12 V	INT	•	75,00
DC66-19P	2 × SPDT, reversing	80 A	12 V	HO	•	75,00
DC66-53P	2 × SPDT, reversing	80 A	12 V	HO	•	75,00
DC66-13P	2 × SPDT, reversing	80 A	24 V	CO	•	75,00
DC66-31P	2 × SPDT, reversing	80 A	24 V	HO	•	75,00
DC66-38P	2 × SPDT, reversing	80 A	24 V	HO	•	75,00
DC66-73P	2 × SPDT, reversing	80 A	24 V	HO	•	75,00

DC88

DC88 · DC92 · 100 A										
ORDER CODE	CONTACTS	RATING	COIL	DUTY	B	P	L	T	NOTES	€
DC88-2	2 × SPDT, reversing	100 A	12 V	CO						139,00
DC88B-2	2 × SPDT, reversing	100 A	12 V	CO	●					147,00
DC88-259	2 × SPDT, reversing	100 A	12 V	INT						139,00
DC88-286L	2 × SPDT, reversing	100 A	12 V	INT				●		159,00
DC88-492L	2 × SPDT, reversing	100 A	12 V	INT				●		159,00
DC88-538L	2 × SPDT, reversing	100 A	12 V	INT				●		159,00
DC88-554L	2 × SPDT, reversing	100 A	12 V	INT				●		159,00
DC88B-467L	2 × SPDT, reversing	100 A	12 V	INT	●			●		166,00
DC92-230P	2 × SPST NO	100 A	12 V	INT		●				105,00
DC88-499PL	2 × SPDT, reversing	100 A	12 V	HO		●	●			173,00
DC88B-4	2 × SPDT, reversing	100 A	24 V	CO	●					147,00
DC88-1	2 × SPDT, reversing	100 A	24 V	INT						139,00
DC88-267L	2 × SPDT, reversing	100 A	24 V	INT				●		159,00
DC88-307T	2 × SPDT, reversing	100 A	24 V	INT					●	139,00
DC88-325T	2 × SPDT, reversing	100 A	24 V	INT					●	139,00
DC88-409T	2 × SPDT, reversing	100 A	24 V	INT					●	139,00
DC88-479L	2 × SPDT, reversing	100 A	24 V	INT				●		159,00
DC88-641L	2 × SPDT, reversing	100 A	24 V	INT				●		159,00
DC88B-374	2 × SPDT, reversing	100 A	24 V	INT	●					147,00
DC88-122	2 × SPDT, reversing	100 A	48 V	INT						139,00

DC88 · standard configurations – to order										
ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	B	P	L	NOTES	€
DC88	2 × SPDT, reversing	100 A	6–96 V	CO / INT						139,00
DC88A	2 × SPDT, reversing	100 A	6–96 V	CO / INT	•					185,00
DC88B	2 × SPDT, reversing	100 A	6–96 V	CO / INT		•				147,00
DC88L	2 × SPDT, reversing	100 A	6–96 V	CO / INT				•		159,00
DC88P	2 × SPDT, reversing	100 A	6–96 V	CO / INT			•			154,00
DC88PL	2 × SPDT, reversing	100 A	6–96 V	CO / INT			•	•		173,00
Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.										

DC92 · standard configurations – to order								
ORDER CODE	CONTACTS	RATING	COIL	DUTY	B	P	NOTES	€
DC92	2 × SPST NO	100 A	6–96 V	CO / INT				97,00
DC92B	2 × SPST NO	100 A	6–96 V	CO / INT	•			104,00
DC92P	2 × SPST NO	100 A	6–96 V	CO / INT		•		105,00
Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.								

DC182

DC182 · 150 A							
ORDER CODE	CONTACTS	RATING	COIL	DUTY	B	L	T NOTES €
DC182B-2	2 × SPDT, reversing	150 A	12 V	CO	•		188,00
DC182-490	2 × SPDT, reversing	150 A	12 V	INT			182,00
DC182-656	2 × SPDT, reversing	150 A	12 V	INT			182,00
DC182-774L	2 × SPDT, reversing	150 A	12 V	INT		•	213,00
DC182-776L	2 × SPDT, reversing	150 A	12 V	INT		•	213,00
DC182B-1	2 × SPDT, reversing	150 A	12 V	INT	•		188,00
DC182B-692L	2 × SPDT, reversing	150 A	12 V	INT	•	•	219,00
DC182B-4	2 × SPDT, reversing	150 A	24 V	CO	•		188,00
DC182-3	2 × SPDT, reversing	150 A	24 V	INT			182,00
DC182-491	2 × SPDT, reversing	150 A	24 V	INT			182,00
DC182-780L	2 × SPDT, reversing	150 A	24 V	INT		•	213,00
DC182B-3	2 × SPDT, reversing	150 A	24 V	INT	•		188,00
DC182B-691L	2 × SPDT, reversing	150 A	24 V	INT	•	•	219,00
DC182-781L	2 × SPDT, reversing	150 A	24 V			•	for Lewmar bow thrusters 4–8 kW 213,00
DC182B-7	2 × SPDT, reversing	150 A	48 V	INT	•		188,00
DC182B-538T	2 × SPDT, reversing	150 A	48 V	INT	•	•	188,00
DC182B-588	2 × SPDT, reversing	150 A	48 V	INT	•		188,00
DC182B-733	2 × SPDT, reversing	150 A	48 V		•		188,00
DC182B-15	2 × SPDT, reversing	150 A	72–80 V	INT	•		188,00
DC182-619	2 × SPDT, reversing	150 A					182,00

DC182 · standard configurations – to order							
ORDER CODE	CONTACTS	RATING	COIL	DUTY	A	B	P L NOTES €
DC182	2 × SPDT, reversing	150 A	6–96 V	CO / INT			182,00
DC182A	2 × SPDT, reversing	150 A	6–96 V	CO / INT	•		223,00
DC182B	2 × SPDT, reversing	150 A	6–96 V	CO / INT		•	188,00
DC182L	2 × SPDT, reversing	150 A	6–96 V	CO / INT			• 213,00
DC182P	2 × SPDT, reversing	150 A	6–96 V	CO / INT		•	193,00
DC182PL	2 × SPDT, reversing	150 A	6–96 V	CO / INT		•	• 224,00

Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.

High - current & high - voltage

HV500 high voltage · High-current & busbar

Busbar and high-current contactors up to 1000 A class, and the HV500 high-voltage contactor for EV and energy-storage systems up to 1000 V DC with PWM coil economiser.

RATING up to 600 A+ **HV500** up to 1000 V DC **COIL** PWM economiser **USE** EV · ESS · busbar

Prices in EUR excl. VAT. Prices marked "ask": request a quote. Listed codes are stock models; other Albright part numbers 4-7 weeks.



CONTACTS

- SPST NO** Single pole, single throw, normally open
- SPST NC** Single pole, single throw, normally closed
- SPDT** Single pole, double throw (changeover)
- DPST NO** Double pole, single throw, normally open
- 2 × SPDT** Paired changeover – DC motor reversing

COIL DUTY (DUTY COLUMN)

- CO** Continuous – 100 %, may stay energised permanently
- PO** Prolonged – up to 90 %, max. 54 min on at a time
- INT** Intermittent – up to 70 %, max. 15 min on at a time
- HO** Very intermittent – up to 25 %, max. 3 min on at a time

RATING = interrupted / uninterrupted current (switching on load / carrying only). Shorter duty = stronger coil and return spring = better switching on load (motors, winches).

OPTIONS (• = FITTED)

- A** Auxiliary contacts
- B** Magnetic blowouts
- C** V3 auxiliary contact
- P** Sealed to IP66
- L** Large contact tips
- T** Textured contact tips
- M** Magnetically latched

HV500 high voltage

HV500 high voltage						
ORDER CODE	CONTACTS	RATING	COIL	DUTY	A NOTES	€
<u>HV500AF-55</u>	SPST NO	500 A	9-36 V		• switching 500 V DC	182,00
<u>HV500AF-47S</u>	SPST NO	500 A	24 V		• PWM coil · high-voltage DC	182,00
<u>HV500F-21</u>	SPST NO	500 A	24 V		PWM coil · switching up to 1000 V DC	163,00
<u>HV500F-73S</u>	SPST NO	500 A	48 V	INT	high-voltage DC	163,00
<u>HV500AF-38</u>	SPST NO	500 A	48 V		• PWM coil · high-voltage DC	182,00
<u>HV500</u>	SPST NO	500 A			switching 500 V DC	168,00

HV500 · standard configurations – to order						
ORDER CODE	CONTACTS	RATING	COIL	DUTY	A NOTES	€
<u>HV500F</u>	SPST NO	500 A	6-96 V	CO / INT		163,00
<u>HV500AF</u>	SPST NO	500 A	6-96 V	CO / INT	•	182,00

Made to order, typically 4–7 weeks. Choose the coil – 6, 12, 24, 36, 48, 60, 72, 80 or 96 V DC – and the duty – CO or INT (PO and HO on request). AC versions, e.g. 230 V AC, are available with a rectifier board fitted – price on request. Albright assigns the full part number; special versions via the Albright application form.

High-current & busbar

High-current & busbar							
ORDER CODE	CONTACTS	RATING	COIL	DUTY	A M	NOTES	€
SW250-1016	SPST NO		24 V	CO		busbar contactor	61,00
SW1000-174	SPST NO		24 V	CO			539,00
SW560A-38M	SPST NO	600 A	24 V	INT	• •	busbar contactor	202,00
SW260-82	SPST NO		36–48 V	HO			119,00

Emergency disconnect switches

ED emergency disconnect · SD emergency stop

Manual emergency disconnect ("panic") switches for battery - powered vehicles and machines, with mushroom push button and optional key lock, magnetic blowouts and auxiliary contacts.

RATING	VOLTAGE	POLES	OPTIONS
80 – 400 A	up to 96 V	single · double	key lock · aux.

Prices in EUR excl. VAT. Prices marked "ask": request a quote. Listed codes are stock models; other Albright part numbers 4–7 weeks.

OPTIONS (• = FITTED)

- A** Auxiliary contacts
- B** Magnetic blowouts
- K** Key lock

ED emergency disconnect

ED emergency disconnect						
ORDER CODE	CONTACTS	RATING	A	B	K	NOTES
ED80-1	SP	80 A				max. 48 V
ED125-4	SP	125 A				max. 48 V
ED125-34	SP	125 A				max. 48 V
ED125B-4	SP	125 A	•			max. 96 V
ED125LB-4	SP	125 A	•	•		max. 96 V
ED250B-1	SP	250 A	•			max. 96 V
ED250B-4	SP	250 A	•			max. 96 V
ED250LB-1	SP	250 A	•	•		max. 96 V
ED250LB-4	SP	250 A	•	•		max. 96 V
ED252-1	DP	250 A				max. 96 V
ED252A-2	DP	250 A	•			max. 96 V
ED252B-1	DP	250 A	•			max. 96 V
ED252L-1	DP	250 A		•		max. 96 V
ED300-5	DP	300 A				max. 48 V
ED300B-1	DP	300 A	•			max. 96 V
ED300B-5	DP	300 A	•			max. 96 V
ED402-1	DP	400 A				max. 96 V
ED402L-2	DP	400 A	•			max. 96 V

SD emergency stop

SD emergency stop						
ORDER CODE	CONTACTS	RATING	A	B	NOTES	€
SD150A-2	SP		•		coil-operated emergency stop	120,00

<u>SD200AB-34</u>	SP	200 A	• • max. 48 V · coil-operated emergency stop	114,00
<u>SD300AB-84</u>	SP	300 A	• • max. 24 V · coil-operated emergency stop	157,00

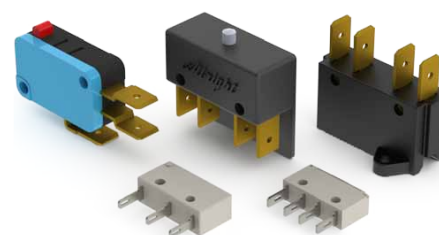
Spare parts & accessories

Mounting brackets · Contacts, covers & auxiliary switches

Genuine Albright spare contacts, contact kits, top covers, auxiliary switches and mounting brackets for servicing stud contactors. P - type (IP66) contactors are not serviceable.

CONTACTS **BRACKETS** **COVERS** **AUX.**
fixed & moving **L · double · top-hat** **dust shields** **micro-switches**

Prices in EUR excl. VAT. Prices marked "ask": **request a quote**. Listed codes are stock models; other Albright part numbers 4-7 weeks.



Mounting brackets



MOUNTING BRACKET

Mounting brackets		
ORDER CODE	NOTES	€
2070-40	SW80 / DC88 Solenoid L-Shape Mounting Bracket	2,99
2070-41	SW88, DC88 Solenoid Mounting Bracket	3,80
2126-48A	SW80 and SW82 Solenoid - Mounting Bracket	6,50
2155-56	SW202 Solenoid Mounting Bracket	5,70
2159-47	SW120, SW180 and SU280 Solenoid Mounting Bracket	2,80

Contacts, covers & auxiliary switches

Contacts, covers & auxiliary switches		
ORDER CODE	NOTES	€
2070-57	SW80 Series Contact Kit (Full Repair KIT)	25,90
2070-75	SW82, SW822 Top Cover Dust Shield	1,50
2070-124	Auxiliary Micro-Switch for SW80/SU80 Solenoid	32,50
2155-19	SW200 Series fixed contact (1x spare contact)	21,00
2155-23	SW200 Moving Contact Assembly	45,00
2155-99	SW200 Series (Spare Contacts / Repair Kit)	59,99
2180-27	SW180 Moving Contact - Repair Kit	45,00
2180-41A	SW181, SW182 Top Cover Dust Shield	1,60
2180-42	SW180 Series Contact Kit	26,00
2180-42B	Spares Kit (contacts)	49,00
2180-102	SW180 Fixed Contact - Spares Kit	19,99

Part number index – to order

All known Albright part numbers · 4–7 weeks

Albright part numbers that are not in our stock range but can be ordered – typically 4–7 weeks. Rating, coil and duty are given for reference; Albright confirms the exact specification of every part number on order. Prices follow the type price of the series and options. Missing a part number? Send it to us – or describe your application on the Albright application form.

PART NUMBERS DELIVERY COILS CUSTOM
SW · SU · DC · HV · ED · 4–7 weeks 6 – 96 V DC · AC application form
SD

Prices in EUR excl. VAT. Prices marked “ask”: **request a quote**. Listed codes are stock models; other Albright part numbers 4–7 weeks.

CONTACTS

- SPST NO** Single pole, single throw, normally open
- SPST NC** Single pole, single throw, normally closed
- SPDT** Single pole, double throw (changeover)
- DPST NO** Double pole, single throw, normally open
- 2 × SPDT** Paired changeover – DC motor reversing

COIL DUTY (DUTY COLUMN)

- CO** **Continuous** – 100 %, may stay energised permanently
- PO** **Prolonged** – up to 90 %, max. 54 min on at a time
- INT** **Intermittent** – up to 70 %, max. 15 min on at a time
- HO** **Very intermittent** – up to 25 %, max. 3 min on at a time

RATING = interrupted / uninterrupted current (switching on load / carrying only). Shorter duty = stronger coil and return spring = better switching on load (motors, winches).

OPTIONS (• = FITTED)

- A** Auxiliary contacts
- B** Magnetic blowouts
- C** V3 auxiliary contact
- P** Sealed to IP66
- L** Large contact tips
- T** Textured contact tips
- M** Magnetically latched

SW60 · SU60 · SW61 – SW68

PART NUMBER	CONTACTS	RATING	COIL	DUTY OPT.	€	PART NUMBER	CONTACTS	RATING	COIL	DUTY OPT.	€
SW60-144P	SPST NO	80 A	8 V	CO P	33,00	SW63-2	SPST NC	80 A	12 V	CO	31,50
SW61-128	SPDT	80 A	8 V	INT	35,00	SW63-153	SPST NC	80 A	12 V	CO	31,50
SU60-2001	SPST NO	100 A	12 V	CO	33,00	SW66-2	2×SPDT rev.	80 A	12 V	CO	85,00
SU60-2005P	SPST NO	100 A	12 V	CO P	36,00	SW68-2	DPST NO	80 A	12 V	CO	37,50
SU60B-2001	SPST NO	100 A	12 V	CO B	34,50	SW68-60P	DPST NO	80 A	12 V	CO P	41,00
SU60B-2410P	SPST NO	100 A	12 V	CO BP	37,00	SW688-2	2×SPDT rev.	80 A	12 V	CO	78,00
SW60-2	SPST NO	80 A	12 V	CO	30,00	SW60B-264	SPST NO	80 A	12 V	PO B	31,50
SW60-38P	SPST NO	80 A	12 V	CO P	33,00	SU60-2003	SPST NO	100 A	12 V	INT	33,00
SW60-208	SPST NO	80 A	12 V	CO	30,00	SU60-2301P	SPST NO	100 A	12 V	INT P	36,00
SW60B-341	SPST NO	80 A	12 V	CO B	31,50	SU60B-2003	SPST NO	100 A	12 V	INT B	34,50
SW60B-767	SPST NO	80 A	12 V	CO B	31,50	SW60-1	SPST NO	80 A	12 V	INT	30,00
SW61-2	SPDT	80 A	12 V	CO	35,00	SW60-37P	SPST NO	80 A	12 V	INT P	33,00
SW61B-2	SPDT	80 A	12 V	CO B	36,50	SW60-119MP	SPST NO	80 A	12 V	INT PM	40,00

SW60A-19	SPST NO	80 A	12 V	INT	A	45,00	SW68-45	DPST NO	80 A	27 V	CO	37,50
SW60B-1	SPST NO	80 A	12 V	INT	B	31,50	SW60-164	SPST NO	80 A	28 V	CO	30,00
SW61-1	SPDT	80 A	12 V	INT		35,00	SW63-101	SPST NC	80 A	30 V	CO	31,50
SW61-115	SPDT	80 A	12 V	INT		35,00	SW60-103	SPST NO	80 A	30 V	INT	30,00
SW61B-1	SPDT	80 A	12 V	INT	B	36,50	SW63-100	SPST NC	80 A	30 V	INT	31,50
SW63-1	SPST NC	80 A	12 V	INT		31,50	SU60-2021P	SPST NO	100 A	36 V	CO	P 36,00
SW66-1	2×SPDT rev.	80 A	12 V	INT		85,00	SW60-6	SPST NO	80 A	36 V	CO	30,00
SW66A-19	2×SPDT rev.	80 A	12 V	INT	A	112,00	SW60-782P	SPST NO	80 A	36 V	CO	P 33,00
SW68-1	DPST NO	80 A	12 V	INT		37,50	SW60B-6	SPST NO	80 A	36 V	CO	B 31,50
SW60-110	SPST NO	80 A	12 V	HO		30,00	SW61-6	SPDT	80 A	36 V	CO	35,00
SW688-1	2×SPDT rev.	80 A	12 V	HO		78,00	SW61B-6	SPDT	80 A	36 V	CO	B 36,50
SU60-2071	SPST NO	100 A	14 V	CO		33,00	SW63-6	SPST NC	80 A	36 V	CO	31,50
SU60A-2483	SPST NO	100 A	14 V	CO	A	47,00	SW60-440	SPST NO	80 A	36 V	PO	30,00
SW60-446	SPST NO	80 A	14 V	CO		30,00	SU60-TBC9	SPST NO	100 A	36 V	INT	PT 33,00
SW60-830	SPST NO	80 A	14 V	CO		30,00	SW60-5	SPST NO	80 A	36 V	INT	30,00
SU60-2009	SPST NO	100 A	24 V	CO		33,00	SW60-261	SPST NO	80 A	36 V	INT	30,00
SU60-2013P	SPST NO	100 A	24 V	CO	P	36,00	SW60B-5	SPST NO	80 A	36 V	INT	B 31,50
SU60-2126	SPST NO	100 A	24 V	CO		33,00	SW60B-261	SPST NO	80 A	36 V	INT	B 31,50
SU60-2278T	SPST NO	100 A	24 V	CO	T	33,00	SW61-5	SPDT	80 A	36 V	INT	35,00
SU60-2440	SPST NO	100 A	24 V	CO		33,00	SW61B-5	SPDT	80 A	36 V	INT	B 36,50
SU60B-2009	SPST NO	100 A	24 V	CO	B	34,50	SW63-5	SPST NC	80 A	36 V	INT	31,50
SW60-126	SPST NO	80 A	24 V	CO		30,00	SU60-2029P	SPST NO	100 A	48 V	CO	P 36,00
SW60-180	SPST NO	80 A	24 V	CO		30,00	SU60-2171	SPST NO	100 A	48 V	CO	33,00
SW60-209	SPST NO	80 A	24 V	CO		30,00	SU60B-2025	SPST NO	100 A	48 V	CO	B 34,50
SW60A-262	SPST NO	80 A	24 V	CO	A	45,00	SU60B-2171	SPST NO	100 A	48 V	CO	B 34,50
SW60A-300	SPST NO	80 A	24 V	CO	A	45,00	SU60B-2381	SPST NO	100 A	48 V	CO	B 34,50
SW60AB-22	SPST NO	80 A	24 V	CO	AB	46,50	SW60-8	SPST NO	80 A	48 V	CO	30,00
SW60AB-232	SPST NO	80 A	24 V	CO	AB	46,50	SW60-120P	SPST NO	80 A	48 V	CO	P 33,00
SW60AB-451	SPST NO	80 A	24 V	CO	AB	46,50	SW60-406P	SPST NO	80 A	48 V	CO	P 33,00
SW60AB-587	SPST NO	80 A	24 V	CO	AB	46,50	SW61-8	SPDT	80 A	48 V	CO	35,00
SW60B-4	SPST NO	80 A	24 V	CO	B	31,50	SW61B-8	SPDT	80 A	48 V	CO	B 36,50
SW60C-512	SPST NO	80 A	24 V	CO	C	35,50	SW63-8	SPST NC	80 A	48 V	CO	31,50
SW61B-4	SPDT	80 A	24 V	CO	B	36,50	SW63-143	SPST NC	80 A	48 V	CO	31,50
SW63-4	SPST NC	80 A	24 V	CO		31,50	SW63B-143	SPST NC	80 A	48 V	CO	B 33,00
SW63A-129	SPST NC	80 A	24 V	CO	A	45,00	SW68-8	DPST NO	80 A	48 V	CO	37,50
SW66-4	2×SPDT rev.	80 A	24 V	CO		85,00	SW688-4	2×SPDT rev.	80 A	48 V	CO	78,00
SW66-144	2×SPDT rev.	80 A	24 V	CO		85,00	SU60-2439P	SPST NO	100 A	48 V	PO	P 36,00
SW68-4	DPST NO	80 A	24 V	CO		37,50	SW60-431	SPST NO	80 A	48 V	PO	30,00
SW68-73P	DPST NO	80 A	24 V	CO	P	41,00	SU60-2031P	SPST NO	100 A	48 V	INT	P 36,00
SW688-9	2×SPDT rev.	80 A	24 V	CO		78,00	SU60-2085	SPST NO	100 A	48 V	INT	33,00
SU60-2010	SPST NO	100 A	24 V	PO		33,00	SU60B-2085	SPST NO	100 A	48 V	INT	B 34,50
SW60B-195	SPST NO	80 A	24 V	PO	B	31,50	SW60-7	SPST NO	80 A	48 V	INT	30,00
SU60-2011	SPST NO	100 A	24 V	INT		33,00	SW61-7	SPDT	80 A	48 V	INT	35,00
SU60-2015P	SPST NO	100 A	24 V	INT	P	36,00	SW61B-7	SPDT	80 A	48 V	INT	B 36,50
SU60-2339M	SPST NO	100 A	24 V	INT	M	51,00	SW63-7	SPST NC	80 A	48 V	INT	31,50
SU60B-2011	SPST NO	100 A	24 V	INT	B	34,50	SW60-626	SPST NO	80 A	48 V	HO	30,00
SW60-3	SPST NO	80 A	24 V	INT		30,00	SW60B-626	SPST NO	80 A	48 V	HO	B 31,50
SW60-39P	SPST NO	80 A	24 V	INT	P	33,00	SU60B-2441	SPST NO	100 A	54 V	CO	B 34,50
SW60-172P	SPST NO	80 A	24 V	INT	P	33,00	SU60AB-2327	SPST NO	100 A	60 V	CO	AB 48,50
SW60-236MP	SPST NO	80 A	24 V	INT	PM	40,00	SW60-631P	SPST NO	80 A	60 V	CO	P 33,00
SW60-309	SPST NO	80 A	24 V	INT		30,00	SW63-10	SPST NC	80 A	60 V	CO	31,50
SW60A-283	SPST NO	80 A	24 V	INT	A	45,00	SW63-9	SPST NC	80 A	60 V	INT	31,50
SW60B-3	SPST NO	80 A	24 V	INT	B	31,50	SU60-2355	SPST NO	100 A	72 V	CO	33,00
SW61-3	SPDT	80 A	24 V	INT		35,00	SU60-2499P	SPST NO	100 A	72-80 V	CO	P 36,00
SW61-4	SPDT	80 A	24 V	INT		35,00	SU60B-2355	SPST NO	100 A	72 V	CO	B 34,50
SW61-127	SPDT	80 A	24 V	INT		35,00	SW61-12	SPDT	80 A	72 V	CO	35,00
SW61B-3	SPDT	80 A	24 V	INT	B	36,50	SW61B-12	SPDT	80 A	72 V	CO	B 36,50
SW63-3	SPST NC	80 A	24 V	INT		31,50	SW63-12	SPST NC	80 A	72 V	CO	31,50
SW66-3	2×SPDT rev.	80 A	24 V	INT		85,00	SW68-12	DPST NO	80 A	72 V	CO	37,50
SW68-3	DPST NO	80 A	24 V	INT		37,50	SW68-63P	DPST NO	80 A	72 V	CO	P 41,00
SW68-42P	DPST NO	80 A	24 V	INT	P	41,00	SU60-2083	SPST NO	100 A	72 V	INT	33,00
SW688-5P	2×SPDT rev.	80 A	24 V	INT	P	78,00	SU60B-2083	SPST NO	100 A	72 V	INT	B 34,50
SW688-8	2×SPDT rev.	80 A	24 V	INT		78,00	SW61-11	SPDT	80 A	72 V	INT	35,00
SU60A-2228	SPST NO	100 A	24 V	HO	A	47,00	SW61B-11	SPDT	80 A	72 V	INT	B 36,50
SW688-3	2×SPDT rev.	80 A	24 V	HO		78,00	SW63-11	SPST NC	80 A	72 V	INT	31,50

SU60B-2049	SPST NO	100 A	80 V	CO	B	34,50	SW68-14	DPST NO	80 A	80 V	CO		37,50
SU60B-2241P	SPST NO	100 A	80 V	CO	BP	37,00	SU60B-2276L	SPST NO	100 A	80 V	INT	BL	42,00
SW60B-274	SPST NO	80 A	80 V	CO	B	31,50	SW61-13	SPDT	80 A	80 V	INT		35,00
SW60B-336	SPST NO	80 A	80 V	CO	B	31,50	SW61B-13	SPDT	80 A	80 V	INT	B	36,50
SW61-14	SPDT	80 A	80 V	CO		35,00	SW63-13	SPST NC	80 A	80 V	INT		31,50
SW61B-14	SPDT	80 A	80 V	CO	B	36,50	SW66B-13	2×SPDT rev.	80 A	80 V	INT	B	88,00
SW63-14	SPST NC	80 A	80 V	CO		31,50	SW60B-225	SPST NO	80 A	110 V	INT	B	31,50

SW80 · SW82 · SW84 · SW85 · SW88 · SW822

PART NUMBER	CONTACTS	RATING	COIL	DUTY OPT.	€	PART NUMBER	CONTACTS	RATING	COIL	DUTY OPT.	€		
SW80-5	SPST NO	100/125 A	12 V	CO	50,00	SW80AB-182	SPST NO	100/125 A	24 V	CO	AB	76,00	
SW80-358	SPST NO	100/125 A	12 V	CO	50,00	SW80AB-1944	SPST NO	100/125 A	24 V	CO	AB	76,00	
SW80-1277P	SPST NO	100/125 A	12 V	CO	P	60,00	SW80AB-2180	SPST NO	100/125 A	24 V	CO	AB	76,00
SW80A-1446	SPST NO	100/125 A	12 V	CO	A	72,00	SW80B-105	SPST NO	100/125 A	24 V	CO	B	55,00
SW80B-5	SPST NO	100/125 A	12 V	CO	B	55,00	SW80B-290L	SPST NO	100/125 A	24 V	CO	BL	63,00
SW80B-35	SPST NO	100/125 A	12 V	CO	B	55,00	SW80B-1764	SPST NO	100/125 A	24 V	CO	B	55,00
SW82-2	DPST NO	100 A	12 V	CO		65,00	SW82-31	DPST NO	100 A	24 V	CO		65,00
SW82-89P	DPST NO	100 A	12 V	CO	P	75,00	SW82-90P	DPST NO	100 A	24 V	CO	P	75,00
SW82-246	DPST NO	100 A	12 V	CO		65,00	SW82-250T	DPST NO	100 A	24 V	CO	T	65,00
SW84-2	SPDT	100/125 A	12 V	CO		93,00	SW82-256	DPST NO	100 A	24 V	CO		65,00
SW84B-2	SPDT	100/125 A	12 V	CO	B	99,00	SW84-94	SPDT	100/125 A	24 V	CO		93,00
SW85-171	SPST NC	100 A	12 V	CO		58,00	SW84-129	SPDT	100/125 A	24 V	CO		93,00
SW88-2	2×SPDT rev.	100 A	12 V	CO		99,00	SW84-238T	SPDT	100/125 A	24 V	CO	T	93,00
SW88-69	2×SPDT rev.	100 A	12 V	CO		99,00	SW85-2	SPST NC	100 A	24 V	CO		58,00
SW88B-2	2×SPDT rev.	100 A	12 V	CO	B	105,00	SW85-178P	SPST NC	100 A	24 V	CO	P	70,00
SW822-2	2×SPDT rev.	100 A	12 V	CO		153,00	SW88-4	2×SPDT rev.	100 A	24 V	CO		99,00
SW822-50P	2×SPDT rev.	100 A	12 V	CO	P	175,00	SW88B-4	2×SPDT rev.	100 A	24 V	CO	B	105,00
SW80-56	SPST NO	100/125 A	12 V	INT		50,00	SW120A-31	DPST NO	125 A	24 V	CO	A	130,00
SW80-324	SPST NO	100/125 A	12 V	INT		50,00	SW822-4	2×SPDT rev.	100 A	24 V	CO		153,00
SW80-475PL	SPST NO	100/125 A	12 V	INT	PL	67,00	SW822-54P	2×SPDT rev.	100 A	24 V	CO	P	175,00
SW80-751PE	SPST NO	100/125 A	12 V	INT	P	55,00	SW80-307	SPST NO	100/125 A	24 V	PO		50,00
SW80-762P	SPST NO	100/125 A	12 V	INT	P	60,00	SW80AB-1894	SPST NO	100/125 A	24 V	PO	AB	76,00
SW80-1268P	SPST NO	100/125 A	12 V	INT	P	60,00	SW84B-182T	SPDT	100/125 A	24 V	PO	BT	99,00
SW80-1600P	SPST NO	100/125 A	12 V	INT	P	60,00	SW80-4	SPST NO	100/125 A	24 V	INT		50,00
SW80B-3	SPST NO	100/125 A	12 V	INT	B	55,00	SW80-64	SPST NO	100/125 A	24 V	INT		50,00
SW80B-56	SPST NO	100/125 A	12 V	INT	B	55,00	SW80-97	SPST NO	100/125 A	24 V	INT		50,00
SW80B-171	SPST NO	100/125 A	12 V	INT	B	55,00	SW80-491	SPST NO	100/125 A	24 V	INT		50,00
SW82-203P	DPST NO	100 A	12 V	INT	P	75,00	SW80-763P	SPST NO	100/125 A	24 V	INT	P	60,00
SW84-3	SPDT	100/125 A	12 V	INT		93,00	SW80-823PE	SPST NO	100/125 A	24 V	INT	P	55,00
SW84-261	SPDT	100/125 A	12 V	INT		93,00	SW80-832PL	SPST NO	100/125 A	24 V	INT	PL	67,00
SW84A-14	SPDT	100/125 A	12 V	INT	A	121,00	SW80-837P	SPST NO	100/125 A	24 V	INT	P	60,00
SW84B-3	SPDT	100/125 A	12 V	INT	B	99,00	SW80-1135MP	SPST NO	100/125 A	24 V	INT	PM	66,00
SW85-37	SPST NC	100 A	12 V	INT		58,00	SW80-1781L	SPST NO	100/125 A	24 V	INT	L	58,00
SW88-34	2×SPDT rev.	100 A	12 V	INT		99,00	SW80-1994PE	SPST NO	100/125 A	24 V	INT	P	55,00
SW88-117	2×SPDT rev.	100 A	12 V	INT		99,00	SW80B-1	SPST NO	100/125 A	24 V	INT	B	55,00
SW88-125L	2×SPDT rev.	100 A	12 V	INT	L	111,00	SW80B-4	SPST NO	100/125 A	24 V	INT	B	55,00
SW92-12	2×SPST NO	100 A	12 V	INT		102,00	SW80B-548	SPST NO	100/125 A	24 V	INT	B	55,00
SW822-1	2×SPDT rev.	100 A	12 V	INT		153,00	SW82-76P	DPST NO	100 A	24 V	INT	P	75,00
SW822-39	2×SPDT rev.	100 A	12 V	INT		153,00	SW84-213	SPDT	100/125 A	24 V	INT		93,00
SW822-47P	2×SPDT rev.	100 A	12 V	INT	P	175,00	SW84-482	SPDT	100/125 A	24 V	INT		93,00
SW80-535P	SPST NO	100/125 A	14 V	CO	P	60,00	SW84B-1	SPDT	100/125 A	24 V	INT	B	99,00
SW80-1301P	SPST NO	100/125 A	14 V	CO	P	60,00	SW84B-213	SPDT	100/125 A	24 V	INT	B	99,00
SW82-239	DPST NO	100 A	14 V	CO		65,00	SW85-9	SPST NC	100 A	24 V	INT		58,00
SW80-104	SPST NO	100/125 A	24 V	CO		50,00	SW85-278P	SPST NC	100 A	24 V	INT	P	70,00
SW80-441	SPST NO	100/125 A	24 V	CO		50,00	SW88-118	2×SPDT rev.	100 A	24 V	INT		99,00
SW80-766P	SPST NO	100/125 A	24 V	CO	P	60,00	SW88-176	2×SPDT rev.	100 A	24 V	INT		99,00
SW80-932PT	SPST NO	100/125 A	24 V	CO	PT	60,00	SW88B-1	2×SPDT rev.	100 A	24 V	INT	B	105,00
SW80-1478PT	SPST NO	100/125 A	24 V	CO	PT	60,00	SW88B-27	2×SPDT rev.	100 A	24 V	INT	B	105,00
SW80-1764	SPST NO	100/125 A	24 V	CO		50,00	SW822-3	2×SPDT rev.	100 A	24 V	INT		153,00
SW80-1907	SPST NO	100/125 A	24 V	CO		50,00	SW822-48P	2×SPDT rev.	100 A	24 V	INT	P	175,00
SW80-1930L	SPST NO	100/125 A	24 V	CO	L	58,00	SW822-116L	2×SPDT rev.	100 A	24 V	INT	L	182,00
SW80A-19	SPST NO	100/125 A	24 V	CO	A	72,00	SW80-592	SPST NO	100/125 A	28 V	CO		50,00
SW80A-2292	SPST NO	100/125 A	24 V	CO	A	72,00	SW80-945P	SPST NO	100/125 A	28 V	CO	P	60,00

SW82-14	DPST NO	100 A	28 V	CO		65,00	SW84B-7	SPDT	100/125 A	48 V	INT	B	99,00
SW84-29	SPDT	100/125 A	28 V	CO		93,00	SW85-50	SPST NC	100 A	48 V	INT		58,00
SW85-261	SPST NC	100 A	30 V	INT		58,00	SW88B-7	2×SPDT rev.	100 A	48 V	INT	B	105,00
SW80AB-976	SPST NO	100/125 A	33 V	CO	AB	76,00	SW88B-28	2×SPDT rev.	100 A	48 V	INT	B	105,00
SW80-8	SPST NO	100/125 A	36 V	CO		50,00	SW822-7	2×SPDT rev.	100 A	48 V	INT		153,00
SW80-383P	SPST NO	100/125 A	36 V	CO	P	60,00	SW822-94P	2×SPDT rev.	100 A	48 V	INT	P	175,00
SW80-1858P	SPST NO	100/125 A	36 V	CO	P	60,00	SW80B-83	SPST NO	100/125 A	50 V	CO	B	55,00
SW82-6	DPST NO	100 A	36 V	CO		65,00	SW80AB-617	SPST NO	100/125 A	52 V	CO	AB	76,00
SW85-13	SPST NC	100 A	36 V	CO		58,00	SW80-1289P	SPST NO	100/125 A	54 V	PO	P	60,00
SW822-6	2×SPDT rev.	100 A	36 V	CO		153,00	SW80-574	SPST NO	100/125 A	60 V	CO		50,00
SW822-42P	2×SPDT rev.	100 A	36 V	CO	P	175,00	SW80-1294	SPST NO	100/125 A	60 V	CO		50,00
SW80-1147P	SPST NO	100/125 A	36 V	INT	P	60,00	SW82-10	DPST NO	100 A	60 V	CO		65,00
SW80B-39	SPST NO	100/125 A	36-48 V	INT	B	55,00	SW82-290	DPST NO	100 A	60 V	CO		65,00
SW82-5	DPST NO	100 A	36 V	INT		65,00	SW85-315	SPST NC	100 A	60 V	CO		58,00
SW84-34	SPDT	100/125 A	36-48 V	INT		93,00	SW80-15	SPST NO	100/125 A	72 V	CO		50,00
SW85-190	SPST NC	100 A	36 V	INT		58,00	SW80-62	SPST NO	100/125 A	72-80 V	CO		50,00
SW822-5	2×SPDT rev.	100 A	36 V	INT		153,00	SW80-406	SPST NO	100/125 A	72-80 V	CO		50,00
SW822-65P	2×SPDT rev.	100 A	36 V	INT	P	175,00	SW80-494	SPST NO	100/125 A	72-80 V	CO		50,00
SW80B-638	SPST NO	100/125 A	37 V	CO	B	55,00	SW80-1763P	SPST NO	100/125 A	72 V	CO	P	60,00
SW80-122	SPST NO	100/125 A	40 V	CO		50,00	SW80B-62	SPST NO	100/125 A	72-80 V	CO	B	55,00
SW822-37	2×SPDT rev.	100 A	40 V	CO		153,00	SW80B-288	SPST NO	100/125 A	72-80 V	CO	B	55,00
SW80-10	SPST NO	100/125 A	48 V	CO		50,00	SW80B-494	SPST NO	100/125 A	72-80 V	CO	B	55,00
SW80-106	SPST NO	100/125 A	48 V	CO		50,00	SW82-12	DPST NO	100 A	72 V	CO		65,00
SW80-415P	SPST NO	100/125 A	48 V	CO	P	60,00	SW82-213P	DPST NO	100 A	72 V	CO	P	75,00
SW80-727P	SPST NO	100/125 A	48 V	CO	P	60,00	SW85-21	SPST NC	100 A	72 V	CO		58,00
SW80-1420	SPST NO	100/125 A	48 V	CO		50,00	SW88B-12	2×SPDT rev.	100 A	72 V	CO	B	105,00
SW80-2404	SPST NO	100/125 A	48 V	CO		50,00	SW822-12	2×SPDT rev.	100 A	72 V	CO		153,00
SW80A-23	SPST NO	100/125 A	48 V	CO	A	72,00	SW80-14	SPST NO	100/125 A	72 V	INT		50,00
SW80B-106	SPST NO	100/125 A	48 V	CO	B	55,00	SW80-TBC	SPST NO	100/125 A	72-80 V	INT	T	50,00
SW80B-1901	SPST NO	100/125 A	48 V	CO	B	55,00	SW80B-14	SPST NO	100/125 A	72 V	INT	B	55,00
SW80B-2192	SPST NO	100/125 A	48 V	CO	B	55,00	SW80B-1726	SPST NO	100/125 A	72-80 V	INT	B	55,00
SW80B-2428	SPST NO	100/125 A	48 V	CO	B	55,00	SW80B-TBC	SPST NO	100/125 A	72-80 V	INT	BT	55,00
SW82-8	DPST NO	100 A	48 V	CO		65,00	SW82-138	DPST NO	100 A	72 V	INT		65,00
SW82-157P	DPST NO	100 A	48 V	CO	P	75,00	SW88B-11	2×SPDT rev.	100 A	72 V	INT	B	105,00
SW84-8	SPDT	100/125 A	48 V	CO		93,00	SW82-13	DPST NO	100 A	80 V	CO		65,00
SW84B-8	SPDT	100/125 A	48 V	CO	B	99,00	SW822-13	2×SPDT rev.	100 A	80 V	CO		153,00
SW85-17	SPST NC	100 A	48 V	CO		58,00	SW80-645P	SPST NO	100/125 A	80 V	INT	P	60,00
SW88B-8	2×SPDT rev.	100 A	48 V	CO	B	105,00	SW80B-553	SPST NO	100/125 A	80 V	INT	B	55,00
SW88B-93	2×SPDT rev.	100 A	48 V	CO	B	105,00	SW82-115P	DPST NO	100 A	80 V	INT	P	75,00
SW822-8	2×SPDT rev.	100 A	48 V	CO		153,00	SW82-134	DPST NO	100 A	80 V	INT		65,00
SW822-52P	2×SPDT rev.	100 A	48 V	CO	P	175,00	SW85AB-281	SPST NC	100 A	90 V	CO	AB	84,00
SW80-2187P	SPST NO	100/125 A	48 V	PO	P	60,00	SW80B-70	SPST NO	100/125 A	96 V	CO	B	55,00
SW80B-337	SPST NO	100/125 A	48 V	PO	B	55,00	SW80-50	SPST NO	100/125 A	96-120 V	INT		50,00
SW84B-181T	SPDT	100/125 A	48 V	PO	BT	99,00	SW80-111	SPST NO	100/125 A	110 V	CO		50,00
SW84B-228T	SPDT	100/125 A	48 V	PO	BT	99,00	SW80-2116L	SPST NO	100/125 A	110 V	CO	L	58,00
SW80-9	SPST NO	100/125 A	48 V	INT		50,00	SW80AB-612	SPST NO	100/125 A	110 V	CO	AB	76,00
SW80-167	SPST NO	100/125 A	48 V	INT		50,00	SW80AB-1430	SPST NO	100/125 A	110 V	CO	AB	76,00
SW80-541P	SPST NO	100/125 A	48 V	INT	P	60,00	SW80AB-230	SPST NO	100/125 A	120 V	CO	AB	76,00
SW80B-9	SPST NO	100/125 A	48 V	INT	B	55,00	SW80B-484	SPST NO	100/125 A	220 V	CO	B	55,00
SW80B-167	SPST NO	100/125 A	48 V	INT	B	55,00	SW88-115	2×SPDT rev.	100 A	24 V AC	INT		99,00
SW80B-552	SPST NO	100/125 A	48 V	INT	B	55,00	SW80-81	SPST NO	100/125 A	240 V AC	CO		50,00
SW82-7	DPST NO	100 A	48 V	INT		65,00	SW132AE-38	DPST NC		240 V AC	CO	A	177,00
SW82-156P	DPST NO	100 A	48 V	INT	P	75,00	SW822-70	2×SPDT rev.	100 A	240 V AC	CO		153,00
SW84A-250	SPDT	100/125 A	48 V	INT	A	121,00							

SW180 · SW181 · SW182 · SU80 · SW185 · SW190													
PART NUMBER	CONTACTS	RATING	COIL	DUTY OPT.	€	PART NUMBER	CONTACTS	RATING	COIL	DUTY OPT.	€		
SU80-5000	SPST NO	150/200 A	12 V	CO	46,00	SU80B-5225	SPST NO	150/200 A	12 V	CO	B	49,50	
SU80-5062P	SPST NO	150/200 A	12 V	CO	P	54,00	SW180-2	SPST NO	150/200 A	12 V	CO		86,00
SU80-5198	SPST NO	150/200 A	12 V	CO		46,00	SW180-463	SPST NO	150/200 A	12 V	CO		86,00
SU80-5225	SPST NO	150/200 A	12 V	CO		46,00	SW180-533	SPST NO	150/200 A	12 V	CO		86,00
SU80-5544	SPST NO	150/200 A	12 V	CO		46,00	SW181-2	SPDT	150 A	12 V	CO		99,00
SU80B-5000	SPST NO	150/200 A	12 V	CO	B	49,50	SW181B-2	SPDT	150 A	12 V	CO	B	103,00

SW182-2	2×SPDT rev.	150 A	12 V	CO		239,00
SW182B-24L	2×SPDT rev.	150 A	12 V	CO	BL	301,00
SW185-139	SPST NC	150 A	12 V	CO		103,00
SW185-205	SPST NC	150 A	12 V	CO		103,00
SU80-5002	SPST NO	150/200 A	12 V	INT		46,00
SU80-5161MP	SPST NO	150/200 A	12 V	INT	PM	68,00
SU80-5164MPL	SPST NO	150/200 A	12 V	INT	PLM	74,00
SU80-5175P	SPST NO	150/200 A	12 V	INT	P	54,00
SU80B-5002	SPST NO	150/200 A	12 V	INT	B	49,50
SW180-1	SPST NO	150/200 A	12 V	INT		86,00
SW180-461L	SPST NO	150/200 A	12 V	INT	L	115,00
SW180B-1	SPST NO	150/200 A	12 V	INT	B	91,00
SW181B-1	SPDT	150 A	12 V	INT	B	103,00
SW182-1	2×SPDT rev.	150 A	12 V	INT		239,00
SW182-306	2×SPDT rev.	150 A	12 V	INT		239,00
SW182B-1	2×SPDT rev.	150 A	12 V	INT	B	247,00
SW182B-23L	2×SPDT rev.	150 A	12 V	INT	BL	301,00
SW185-192	SPST NC	150 A	12 V	INT		103,00
SW190-265M	DPST NO	190 A	12 V	INT	M	125,00
SU80-5499	SPST NO	150/200 A	14 V	CO		46,00
SU80-5004	SPST NO	150/200 A	24 V	CO		46,00
SU80-5432	SPST NO	150/200 A	24 V	CO		46,00
SU80AB-5569	SPST NO	150/200 A	24 V	CO	AB	67,00
SU80B-5004	SPST NO	150/200 A	24 V	CO	B	49,50
SW180-140	SPST NO	150/200 A	24 V	CO		86,00
SW180-1104	SPST NO	150/200 A	24 V	CO		86,00
SW180-1176	SPST NO	150/200 A	24 V	CO		86,00
SW180A-1111	SPST NO	150/200 A	24 V	CO	A	106,00
SW180AB-1081	SPST NO	150/200 A	24 V	CO	AB	111,00
SW180B-646M	SPST NO	150/200 A	24 V	CO	BM	110,00
SW180C-1313	SPST NO	150/200 A	24 V	CO	C	91,00
SW181B-4	SPDT	150 A	24 V	CO	B	103,00
SW181B-187	SPDT	150 A	24 V	CO	B	103,00
SW182-4	2×SPDT rev.	150 A	24 V	CO		239,00
SW185-140	SPST NC	150 A	24 V	CO		103,00
SW185-197	SPST NC	150 A	24 V	CO		103,00
SW190A-48	DPST NO	190 A	24 V	CO	A	125,00
SW190A-345	DPST NO	190 A	24 V	CO	A	125,00
SW182-148	2×SPDT rev.	150 A	24 V	PO		239,00
SU80-5006	SPST NO	150/200 A	24 V	INT		46,00
SU80-5165MPL	SPST NO	150/200 A	24 V	INT	PLM	74,00
SU80-5170P	SPST NO	150/200 A	24 V	INT	P	54,00
SU80-5388MP	SPST NO	150/200 A	24 V	INT	PM	68,00
SU80B-5006	SPST NO	150/200 A	24 V	INT	B	49,50
SW180-106	SPST NO	150/200 A	24 V	INT		86,00
SW180-241	SPST NO	150/200 A	24 V	INT		86,00
SW180-536L	SPST NO	150/200 A	24 V	INT	L	115,00
SW180-677L	SPST NO	150/200 A	24 V	INT	L	115,00
SW180-1099	SPST NO	150/200 A	24-36 V	INT		86,00
SW180B-106	SPST NO	150/200 A	24 V	INT	B	91,00
SW180B-321	SPST NO	150/200 A	24 V	INT	B	91,00
SW180B-423	SPST NO	150/200 A	24 V	INT	B	91,00
SW181-3	SPDT	150 A	24 V	INT		99,00
SW181A-408	SPDT	150 A	24 V	INT	A	115,00
SW181B-3	SPDT	150 A	24 V	INT	B	103,00
SW181B-164	SPDT	150 A	24 V	INT	B	103,00
SW181B-186	SPDT	150 A	24 V	INT	B	103,00
SW182-3	2×SPDT rev.	150 A	24 V	INT		239,00
SW182B-3	2×SPDT rev.	150 A	24 V	INT	B	247,00
SW185-14	SPST NC	150 A	24 V	INT		103,00
SW185-16	SPST NC	150 A	24 V	INT		103,00
SU80-5576P	SPST NO	150/200 A	28 V	CO	P	54,00
SW180-89	SPST NO	150/200 A	28 V	CO		86,00
SW180B-90L	SPST NO	150/200 A	28 V	CO	BL	121,00
SW190-478	DPST NO	190 A	28 V	INT		107,00
SW190-508	DPST NO	190 A	28 V	INT		107,00
SW180-1211	SPST NO	150/200 A	30 V	INT		86,00
SU80-5315P	SPST NO	150/200 A	36 V	CO	P	54,00
SW185-38	SPST NC	150 A	36 V	CO		103,00
SW180-94L	SPST NO	150/200 A	36-48 V	INT	L	115,00
SW182-340	2×SPDT rev.	150 A	36 V	INT		239,00
SW182B-340	2×SPDT rev.	150 A	36 V	INT	B	247,00
SW180-402	SPST NO	150/200 A	45 V	INT		86,00
SU80-5016	SPST NO	150/200 A	48 V	CO		46,00
SU80B-5016	SPST NO	150/200 A	48 V	CO	B	49,50
SW180-8	SPST NO	150/200 A	48 V	CO		86,00
SW180AB-921	SPST NO	150/200 A	48 V	CO	AB	111,00
SW181B-8	SPDT	150 A	48 V	CO	B	103,00
SW182B-8	2×SPDT rev.	150 A	48 V	CO	B	247,00
SW185AB-66	SPST NC	150 A	48 V	CO	AB	126,00
SW190A-52	DPST NO	190 A	48 V	CO	A	125,00
SW180B-440	SPST NO	150/200 A	48 V	PO	B	91,00
SW182B-150	2×SPDT rev.	150 A	48 V	PO	B	247,00
SU80-5018	SPST NO	150/200 A	48 V	INT		46,00
SU80-5389MP	SPST NO	150/200 A	48 V	INT	PM	68,00
SU80B-5018	SPST NO	150/200 A	48 V	INT	B	49,50
SW180-7	SPST NO	150/200 A	48 V	INT		86,00
SW180B-7	SPST NO	150/200 A	48 V	INT	B	91,00
SW180B-29L	SPST NO	150/200 A	48 V	INT	BL	121,00
SW180B-361	SPST NO	150/200 A	48 V	INT	B	91,00
SW180B-541	SPST NO	150/200 A	48 V	INT	B	91,00
SW181-7	SPDT	150 A	48 V	INT		99,00
SW181B-7	SPDT	150 A	48 V	INT	B	103,00
SW182-7	2×SPDT rev.	150 A	48 V	INT		239,00
SW182B-7	2×SPDT rev.	150 A	48 V	INT	B	247,00
SW182B-299	2×SPDT rev.	150 A	48 V	INT	B	247,00
SU80-5242P	SPST NO	150/200 A	54 V	CO	P	54,00
SU80B-5261	SPST NO	150/200 A	54 V	CO	B	49,50
SW180-821	SPST NO	150/200 A	54 V	CO		86,00
SU80-5058M	SPST NO	150/200 A	60 V	INT	M	60,00
SU80-5063P	SPST NO	150/200 A	72 V	CO	P	54,00
SU80-5274	SPST NO	150/200 A	72 V	CO		46,00
SU80B-5274	SPST NO	150/200 A	72 V	CO	B	49,50
SW180-12	SPST NO	150/200 A	72 V	CO		86,00
SW180B-12	SPST NO	150/200 A	72 V	CO	B	91,00
SW181-16	SPDT	150 A	72-80 V	CO		99,00
SW181B-16	SPDT	150 A	72-80 V	CO	B	103,00
SW182B-12	2×SPDT rev.	150 A	72 V	CO	B	247,00
SW185-72	SPST NC	150 A	72 V	CO		103,00
SW181B-308T	SPDT	150 A	72 V	PO	BT	103,00
SU80-5275	SPST NO	150/200 A	72 V	INT		46,00
SU80B-5275	SPST NO	150/200 A	72 V	INT	B	49,50
SW180-11	SPST NO	150/200 A	72 V	INT		86,00
SW180B-11	SPST NO	150/200 A	72 V	INT	B	91,00
SW181-15	SPDT	150 A	72-80 V	INT		99,00
SW181B-15	SPDT	150 A	72-80 V	INT	B	103,00
SW182B-11	2×SPDT rev.	150 A	72 V	INT	B	247,00
SW182B-185L	2×SPDT rev.	150 A	72-80 V	INT	BL	301,00
SW182B-316	2×SPDT rev.	150 A	72-80 V	INT	B	247,00
SU80-5169P	SPST NO	150/200 A	80 V	CO	P	54,00
SW180B-524	SPST NO	150/200 A	80 V	PO	B	91,00
SW180B-564	SPST NO	150/200 A	80 V	INT	B	91,00
SW180-18	SPST NO	150/200 A	96 V	CO		86,00
SW180B-270	SPST NO	150/200 A	96 V	CO	B	91,00
SW180B-356	SPST NO	150/200 A	100 V	CO	B	91,00
SW185B-10	SPST NC		110 V	CO	B	108,00
SW190-42L	DPST NO		110 V	CO	L	138,00
SW190-367L	DPST NO		110 V	CO	L	138,00
SW180AB-630	SPST NO	150/200 A	144 V	CO	AB	111,00
SW185AB-129	SPST NC		145 V	CO	AB	126,00

SW185B-104	SPST NC	150 A	220 V AC	CO	B	108,00
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SW200 · SW201 · SW202 · SU280 · SW204 – SW210											
PART NUMBER	CONTACTS	RATING	COIL	DUTY OPT.	€	PART NUMBER	CONTACTS	RATING	COIL	DUTY OPT.	€
SU280-1193	SPST NO	250/350 A	12 V	CO	95,00	SW202-136	2×SPDT rev.	250 A	24 V	INT B	299,00
SU280-1250T	SPST NO	250/350 A	12 V	CO T	95,00	SW202N-14	2×SPDT rev.	250 A	24 V	INT	294,00
SU280B-1002	SPST NO	250/350 A	12 V	CO B	99,00	SW202N-89	2×SPDT rev.	250 A	24 V	INT	294,00
SU285-1	SPST NC	250 A	12 V	CO	118,00	SW202N-246	2×SPDT rev.	250 A	24 V	INT	294,00
SW200-3	SPST NO	250/400 A	12 V	CO B	193,00	SW202N-317	2×SPDT rev.	250 A	24 V	INT	294,00
SW200N-3	SPST NO	250/400 A	12 V	CO	188,00	SW202N-363	2×SPDT rev.	250 A	24 V	INT	294,00
SW200R-834	SPST NO	250/400 A	12 V	CO B	231,00	SW206-20M	SPST NO	250 A	24 V	INT M	201,00
SW201-29	SPDT	250 A	12 V	CO B	194,00	SU280-1240	SPST NO	250/350 A	24 V	HO	95,00
SW201N-29	SPDT	250 A	12 V	CO	191,00	SU280-1570P	SPST NO	250/350 A	24 V	HO P	110,00
SW380-1	2×SPDT rev.	250 A	12 V	CO	ask	SU285-4P	SPST NC	250 A	28 V	CO P	136,00
SU280-1065P	SPST NO	250/350 A	12 V	INT P	110,00	SU288-3	SPST NO	250 A	28 V	CO	ask
SU280B-1001	SPST NO	250/350 A	12 V	INT B	99,00	SU285-2P	SPST NC	250 A	30 V	CO P	136,00
SU285-10	SPST NC	250 A	12 V	INT	118,00	SW210F-268	SPST NC	250 A	30 V	INT	204,00
SW200-116	SPST NO	250/400 A	12 V	INT B	193,00	SU280-1072P	SPST NO	250/350 A	36 V	CO P	110,00
SW200N-22	SPST NO	250/400 A	12 V	INT	188,00	SU280B-1244	SPST NO	250/350 A	36 V	CO B	99,00
SW200R-685	SPST NO	250/400 A	12 V	INT B	231,00	SW200-279	SPST NO	250/400 A	36 V	CO B	193,00
SW200R-1107	SPST NO	250/400 A	12 V	INT B	231,00	SW201-19	SPDT	250 A	36 V	CO B	194,00
SW200R-1483	SPST NO	250/400 A	12 V	INT B	231,00	SU280-1071P	SPST NO	250/350 A	36 V	INT P	110,00
SW201-50	SPDT	250 A	12 V	INT B	194,00	SW200-282	SPST NO	250/400 A	36 V	INT B	193,00
SW201N-50	SPDT	250 A	12 V	INT	191,00	SW200N-92	SPST NO	250/400 A	36 V	INT	188,00
SW202-9	2×SPDT rev.	250 A	12 V	INT B	299,00	SW200N-282	SPST NO	250/400 A	36 V	INT	188,00
SW202N-119	2×SPDT rev.	250 A	12 V	INT	294,00	SW201-48	SPDT	250 A	36 V	INT B	194,00
SW202N-254	2×SPDT rev.	250 A	12 V	INT	294,00	SW200A-93	SPST NO	250/400 A	43 V	CO AB	217,00
SW202N-256	2×SPDT rev.	250 A	12 V	INT	294,00	SU280-1224	SPST NO	250/350 A	48 V	CO	95,00
SW202N-345	2×SPDT rev.	250 A	12 V	INT	294,00	SU280-1225P	SPST NO	250/350 A	48 V	CO P	110,00
SW202N-353	2×SPDT rev.	250 A	12 V	INT	294,00	SU280-1468P	SPST NO	250/350 A	48 V	CO P	110,00
SU280-1004	SPST NO	250/350 A	24 V	CO	95,00	SU280-1556P	SPST NO	250/350 A	48 V	CO P	110,00
SU280-1068P	SPST NO	250/350 A	24 V	CO P	110,00	SU280A-1408	SPST NO	250/350 A	48 V	CO A	112,00
SU280-1678T	SPST NO	250/350 A	24 V	CO T	95,00	SU280B-1010	SPST NO	250/350 A	48 V	CO B	99,00
SU280AB-1020	SPST NO	250/350 A	24 V	CO AB	116,00	SU280B-1282	SPST NO	250/350 A	48 V	CO B	99,00
SU280AB-1372	SPST NO	250/350 A	24 V	CO AB	116,00	SU280B-1449P	SPST NO	250/350 A	48 V	CO BP	115,00
SU280AB-1454	SPST NO	250/350 A	24 V	CO AB	116,00	SU280B-1661	SPST NO	250/350 A	48 V	CO B	99,00
SU280B-1004	SPST NO	250/350 A	24 V	CO B	99,00	SU280CB-1618	SPST NO	250/350 A	48 V	CO BC	103,00
SU285-14	SPST NC	250 A	24 V	CO	118,00	SW200-262	SPST NO	250/400 A	48 V	CO B	193,00
SU285-15P	SPST NC	250 A	24 V	CO P	136,00	SW200-1240	SPST NO	250/400 A	48 V	CO B	193,00
SW200N-29	SPST NO	250/400 A	24 V	CO	188,00	SW200A-128	SPST NO	250/400 A	48 V	CO AB	217,00
SW200N-88	SPST NO	250/400 A	24 V	CO	188,00	SW201-3	SPDT	250 A	48 V	CO B	194,00
SW200N-336	SPST NO	250/400 A	24 V	CO	188,00	SW201N-71	SPDT	250 A	48 V	CO	191,00
SW201-58	SPDT	250 A	24 V	CO B	194,00	SW202-41	2×SPDT rev.	250 A	48 V	CO B	299,00
SW201N-58	SPDT	250 A	24 V	CO	191,00	SU280-1009	SPST NO	250/350 A	48 V	INT	95,00
SW204A-298	DPST NO	250 A	24 V	CO A	372,00	SU280-1073P	SPST NO	250/350 A	48 V	INT P	110,00
SW210-194	SPST NC	250 A	24 V	CO	204,00	SU280B-1009	SPST NO	250/350 A	48 V	INT B	99,00
SW210-274	SPST NC	250 A	24 V	CO	204,00	SU280B-1220	SPST NO	250/350 A	48 V	INT B	99,00
SU280-1683	SPST NO	250/350 A	24-36 V	INT	95,00	SU280B-1804	SPST NO	250/350 A	48 V	INT B	99,00
SU280A-1581M	SPST NO	250/350 A	24 V	INT AM	127,00	SU280C-1542M	SPST NO	250/350 A	48 V	INT CM	114,00
SU280B-1003	SPST NO	250/350 A	24 V	INT B	99,00	SW200-1	SPST NO	250/400 A	48 V	INT B	193,00
SU280B-1487	SPST NO	250/350 A	24 V	INT B	99,00	SW200-7	SPST NO	250/400 A	48 V	INT B	193,00
SU285-11	SPST NC	250 A	24 V	INT	118,00	SW200-421	SPST NO	250/400 A	48 V	INT B	193,00
SW200-2	SPST NO	250/400 A	24 V	INT B	193,00	SW201-101	SPDT	250 A	48 V	INT B	194,00
SW200-350	SPST NO	250/400 A	24 V	INT B	193,00	SW202-3	2×SPDT rev.	250 A	48 V	INT B	299,00
SW200-359	SPST NO	250/400 A	24 V	INT B	193,00	SW202-22	2×SPDT rev.	250 A	48 V	INT B	299,00
SW200-700	SPST NO	250/400 A	24 V	INT B	193,00	SW210-129	SPST NC	250 A	48 V	INT	204,00
SW200N-2	SPST NO	250/400 A	24 V	INT	188,00	SW200-1277	SPST NO	250/400 A	48 V	HO B	193,00
SW201-2	SPDT	250 A	24 V	INT B	194,00	SU280B-1439	SPST NO	250/350 A	54 V	CO B	99,00
SW201-223	SPDT	250 A	24 V	INT B	194,00	SU280B-1012	SPST NO	250/350 A	60 V	CO B	99,00
SW201AN-329	SPDT	250 A	24 V	INT A	208,00	SW200A-658	SPST NO	250/400 A	60 V	CO AB	217,00
SW201N-2	SPDT	250 A	24 V	INT	191,00	SW200A-711	SPST NO	250/400 A	60 V	CO AB	217,00
SW202-2	2×SPDT rev.	250 A	24 V	INT B	299,00	SU280-1078P	SPST NO	250/350 A	72 V	CO P	110,00
SW202-37	2×SPDT rev.	250 A	24 V	INT B	299,00	SU280-1548P	SPST NO	250/350 A	72-80 V	CO P	110,00

SW200-9	SPST NO	250/400 A	72 V	CO	B	193,00	SU280B-1080P	SPST NO	250/350 A	80 V	CO	BP	115,00
SW200-652	SPST NO	250/400 A	72 V	CO	B	193,00	SW200-460	SPST NO	250/400 A	80 V	CO	B	193,00
SW200A-799	SPST NO	250/400 A	72-80 V	CO	AB	217,00	SW200-583	SPST NO	250/400 A	80 V	CO	B	193,00
SW201N-247	SPDT	250 A	72 V	CO		191,00	SW200-879	SPST NO	250/400 A	80 V	CO	B	193,00
SW202-36	2×SPDT rev.	250 A	72 V	CO	B	299,00	SW200-5	SPST NO	250/400 A	80 V	INT	B	193,00
SW200A-252	SPST NO	250/400 A	72-80 V	PO	AB	217,00	SW200-219	SPST NO	250/400 A	80 V	INT	B	193,00
SU280-1077P	SPST NO	250/350 A	72 V	INT	P	110,00	SW200-476	SPST NO	250/400 A	80 V	INT	B	193,00
SU280B-TBA011	SPST NO	250/350 A	72 V	INT	BT	99,00	SW200-675	SPST NO	250/400 A	80 V	INT	B	193,00
SW200-6	SPST NO	250/400 A	72 V	INT	B	193,00	SW200-27	SPST NO	250/400 A	96 V	CO	B	193,00
SW200A-33	SPST NO	250/400 A	72 V	INT	AB	217,00	SW200-341	SPST NO	250/400 A	96 V	CO	B	193,00
SW201-199	SPDT	250 A	72-80 V	INT	B	194,00	SW200N-436	SPST NO	250/400 A	110 V	CO		188,00
SW202-10	2×SPDT rev.	250 A	72 V	INT	B	299,00	SW200N-704	SPST NO	250/400 A	110 V	CO		188,00
SW202-48	2×SPDT rev.	250 A	72 V	INT	B	299,00	SW200R-322	SPST NO	250/400 A	115 V	INT	B	231,00
SW202-95	2×SPDT rev.	250 A	72 V	INT	B	299,00	SW200-28	SPST NO	250/400 A	120 V	CO	B	193,00
SW210-132	SPST NC	250 A	72 V	INT		204,00	SW200A-869	SPST NO	250/400 A	120 V	CO	AB	217,00
SU280-1016	SPST NO	250/350 A	80 V	CO		95,00	SW202-56	2×SPDT rev.	250 A	120 V	INT	B	299,00
SU280-1080P	SPST NO	250/350 A	80 V	CO	P	110,00	SW205N-71	DPST NO	250 A	125 V	CO		426,00
SU280B-1016	SPST NO	250/350 A	80 V	CO	B	99,00							

DC motor reversing													
PART NUMBER	CONTACTS	RATING	COIL	DUTY OPT.	€	PART NUMBER	CONTACTS	RATING	COIL	DUTY OPT.	€		
DC66-125P	2×SPDT rev.	80 A	12 V	CO	P	75,00	DC92B-243	2×SPST NO	100 A	24 V	CO	B	104,00
DC88-313P	2×SPDT rev.	100 A	12 V	CO	P	154,00	DC182-4	2×SPDT rev.	150 A	24 V	CO		182,00
DC88-584PL	2×SPDT rev.	100 A	12 V	CO	PL	173,00	DC182-842	2×SPDT rev.	150 A	24 V	CO		182,00
DC88-690	2×SPDT rev.	100 A	12 V	CO		139,00	DC182B-842	2×SPDT rev.	150 A	24 V	CO	B	188,00
DC88B-690	2×SPDT rev.	100 A	12 V	CO	B	147,00	DC66-17P	2×SPDT rev.	80 A	24 V	PO	P	75,00
DC92-TBC10	2×SPST NO	100 A	12 V	CO	T	97,00	DC182B-687	2×SPDT rev.	150 A	24 V	PO	B	188,00
DC92B-TBC11	2×SPST NO	100 A	12 V	CO	BT	104,00	DC66-10P	2×SPDT rev.	80 A	24 V	INT	P	75,00
DC182-2	2×SPDT rev.	150 A	12 V	CO		182,00	DC66-15P	2×SPDT rev.	80 A	24 V	INT	P	75,00
DC182-843	2×SPDT rev.	150 A	12 V	CO		182,00	DC88-111	2×SPDT rev.	100 A	24 V	INT		139,00
DC182-862P	2×SPDT rev.	150 A	12 V	CO	P	193,00	DC88-137	2×SPDT rev.	100 A	24 V	INT		139,00
DC182B-843	2×SPDT rev.	150 A	12 V	CO	B	188,00	DC88-206	2×SPDT rev.	100 A	24 V	INT		139,00
DC88-3	2×SPDT rev.	100 A	12 V	INT		139,00	DC88-261	2×SPDT rev.	100 A	24 V	INT		139,00
DC88-91	2×SPDT rev.	100 A	12 V	INT		139,00	DC88-282P	2×SPDT rev.	100 A	24 V	INT	P	154,00
DC88-136	2×SPDT rev.	100 A	12 V	INT		139,00	DC88-323T	2×SPDT rev.	100 A	24 V	INT	T	139,00
DC88-276P	2×SPDT rev.	100 A	12 V	INT	P	154,00	DC88-556PL	2×SPDT rev.	100 A	24 V	INT	PL	173,00
DC88-420	2×SPDT rev.	100 A	12 V	INT		139,00	DC88B-1	2×SPDT rev.	100 A	24 V	INT	B	147,00
DC88B-3	2×SPDT rev.	100 A	12 V	INT	B	147,00	DC88B-27	2×SPDT rev.	100 A	24 V	INT	B	147,00
DC88B-91	2×SPDT rev.	100 A	12 V	INT	B	147,00	DC88B-111	2×SPDT rev.	100 A	24 V	INT	B	147,00
DC92-17	2×SPST NO	100 A	12 V	INT		97,00	DC88B-137	2×SPDT rev.	100 A	24 V	INT	B	147,00
DC92-213	2×SPST NO	100 A	12 V	INT		97,00	DC88B-331	2×SPDT rev.	100 A	24 V	INT	B	147,00
DC92B-17	2×SPST NO	100 A	12 V	INT	B	104,00	DC92-1	2×SPST NO	100 A	24 V	INT		97,00
DC182-1	2×SPDT rev.	150 A	12 V	INT		182,00	DC92-214	2×SPST NO	100 A	24 V	INT		97,00
DC182-180L	2×SPDT rev.	150 A	12 V	INT	L	213,00	DC92-1010P	2×SPST NO	100 A	24 V	INT	P	105,00
DC182-237	2×SPDT rev.	150 A	12 V	INT		182,00	DC92B-1	2×SPST NO	100 A	24 V	INT	B	104,00
DC182-864P	2×SPDT rev.	150 A	12 V	INT	P	193,00	DC182-181L	2×SPDT rev.	150 A	24 V	INT	L	213,00
DC182B-237	2×SPDT rev.	150 A	12 V	INT	B	188,00	DC182-206	2×SPDT rev.	150 A	24 V	INT		182,00
DC66-1P	2×SPDT rev.	80 A	12 V	HO	P	75,00	DC182-651	2×SPDT rev.	150 A	24 V	INT		182,00
DC66-40P	2×SPDT rev.	80 A	12 V	HO	P	75,00	DC182-658	2×SPDT rev.	150 A	24 V	INT		182,00
DC66-72P	2×SPDT rev.	80 A	12 V	HO	P	75,00	DC182-663	2×SPDT rev.	150 A	24 V	INT		182,00
DC66-77P	2×SPDT rev.	80 A	12 V	HO	P	75,00	DC182-717L	2×SPDT rev.	150 A	24 V	INT	L	213,00
DC66-140P	2×SPDT rev.	80 A	12 V	HO	P	75,00	DC182-865P	2×SPDT rev.	150 A	24 V	INT	P	193,00
DC88-572	2×SPDT rev.	100 A	12 V	HO		139,00	DC182B-100	2×SPDT rev.	150 A	24 V	INT	B	188,00
DC88-1066PL	2×SPDT rev.	100 A	12 V	HO	PL	173,00	DC182B-102	2×SPDT rev.	150 A	24 V	INT	B	188,00
DC182-859PL	2×SPDT rev.	150 A	12 V	HO	PL	224,00	DC182B-206	2×SPDT rev.	150 A	24 V	INT	B	188,00
DC182-878PL	2×SPDT rev.	150 A	12 V	HO	PL	224,00	DC182B-247	2×SPDT rev.	150 A	24 V	INT	B	188,00
DC66-116P	2×SPDT rev.	80 A	24 V	CO	P	75,00	DC182B-508	2×SPDT rev.	150 A	24 V	INT	B	188,00
DC88-4	2×SPDT rev.	100 A	24 V	CO		139,00	DC182B-530T	2×SPDT rev.	150 A	24 V	INT	BT	188,00
DC88-316P	2×SPDT rev.	100 A	24 V	CO	P	154,00	DC66-3P	2×SPDT rev.	80 A	24 V	HO	P	75,00
DC88-389PL	2×SPDT rev.	100 A	24 V	CO	PL	173,00	DC66-14P	2×SPDT rev.	80 A	24 V	HO	P	75,00
DC88-392	2×SPDT rev.	100 A	24 V	CO		139,00	DC66-35P	2×SPDT rev.	80 A	24 V	HO	P	75,00
DC88B-392	2×SPDT rev.	100 A	24 V	CO	B	147,00	DC66-152P	2×SPDT rev.	80 A	24 V	HO	P	75,00
DC92-243	2×SPST NO	100 A	24 V	CO		97,00	DC88-1031P	2×SPDT rev.	100 A	24 V	HO	P	154,00

DC88-6	2×SPDT rev.	100 A	36 V	CO		139,00	DC88B-7	2×SPDT rev.	100 A	48 V	INT	B	147,00
DC88-285P	2×SPDT rev.	100 A	36 V	CO	P	154,00	DC88B-122	2×SPDT rev.	100 A	48 V	INT	B	147,00
DC88-533	2×SPDT rev.	100 A	36 V	CO		139,00	DC92-249	2×SPST NO	100 A	48 V	INT		97,00
DC88B-6	2×SPDT rev.	100 A	36 V	CO	B	147,00	DC92B-249	2×SPST NO	100 A	48 V	INT	B	104,00
DC88-5	2×SPDT rev.	100 A	36 V	INT		139,00	DC182-7	2×SPDT rev.	150 A	48 V	INT		182,00
DC88-404P	2×SPDT rev.	100 A	36 V	INT	P	154,00	DC182-419	2×SPDT rev.	150 A	48 V	INT		182,00
DC88B-5	2×SPDT rev.	100 A	36 V	INT	B	147,00	DC182-853P	2×SPDT rev.	150 A	48 V	INT	P	193,00
DC182B-93	2×SPDT rev.	150 A	36 V	INT	B	188,00	DC182B-103	2×SPDT rev.	150 A	48 V	INT	B	188,00
DC182B-425	2×SPDT rev.	150 A	36 V	INT	B	188,00	DC182B-419	2×SPDT rev.	150 A	48 V	INT	B	188,00
DC66-34P	2×SPDT rev.	80 A	48 V	CO	P	75,00	DC182B-634T	2×SPDT rev.	150 A	48 V	INT	BT	188,00
DC88-8	2×SPDT rev.	100 A	48 V	CO		139,00	DC182B-659T	2×SPDT rev.	150 A	48 V	INT	BT	188,00
DC88-407P	2×SPDT rev.	100 A	48 V	CO	P	154,00	DC182B-677T	2×SPDT rev.	150 A	48 V	INT	BT	188,00
DC88-TBC5	2×SPDT rev.	100 A	48 V	CO	T	139,00	DC184AB-429L	2×SPST NO	150 A	48 V	INT	ABL	245,00
DC88B-8	2×SPDT rev.	100 A	48 V	CO	B	147,00	DC66-93P	2×SPDT rev.	80 A	48 V	HO	P	75,00
DC88B-TBC6	2×SPDT rev.	100 A	48 V	CO	BT	147,00	DC88-TBC1	2×SPDT rev.	100 A	72-80 V	CO	T	139,00
DC92-224	2×SPST NO	100 A	48 V	CO		97,00	DC88B-TBC2	2×SPDT rev.	100 A	72-80 V	CO	BT	147,00
DC92B-224	2×SPST NO	100 A	48 V	CO	B	104,00	DC182-839	2×SPDT rev.	150 A	72-80 V	CO		182,00
DC182-8	2×SPDT rev.	150 A	48 V	CO		182,00	DC182B-14	2×SPDT rev.	150 A	72 V	CO	B	188,00
DC182-545	2×SPDT rev.	150 A	48 V	CO		182,00	DC182B-839	2×SPDT rev.	150 A	72-80 V	CO	B	188,00
DC182-857P	2×SPDT rev.	150 A	48 V	CO	P	193,00	DC88-646	2×SPDT rev.	100 A	72-80 V	INT		139,00
DC182B-8	2×SPDT rev.	150 A	48 V	CO	B	188,00	DC88B-646	2×SPDT rev.	100 A	72-80 V	INT	B	147,00
DC182B-545	2×SPDT rev.	150 A	48 V	CO	B	188,00	DC182-604	2×SPDT rev.	150 A	72-80 V	INT		182,00
DC66-33P	2×SPDT rev.	80 A	48 V	PO	P	75,00	DC182B-256	2×SPDT rev.	150 A	72 V	INT	B	188,00
DC66-21P	2×SPDT rev.	80 A	48 V	INT	P	75,00	DC182B-604	2×SPDT rev.	150 A	72-80 V	INT	B	188,00
DC88-7	2×SPDT rev.	100 A	48 V	INT		139,00	DC182B-684	2×SPDT rev.	150 A	80 V	INT	B	188,00
DC88-483P	2×SPDT rev.	100 A	48 V	INT	P	154,00							

High-current, busbar & HV500

PART NUMBER	CONTACTS	RATING	COIL	DUTY OPT.	€	PART NUMBER	CONTACTS	RATING	COIL	DUTY OPT.	€
SW150-1067	SPST NO	150 A	12 V	CO	51,00	SW300-1001	SPST NO	300 A	30 V	CO	95,00
SW150A-1071	SPST NO	150 A	12 V	CO	A 74,00	SW300A-1014	SPST NO	300 A	30 V	CO	A 118,00
SW560-52	SPST NO	600 A	12 V	CO	162,00	SW400-1	SPST NO	400 A	30 V	CO	119,00
SW800-69	SPST NO	100/125 A	12 V	CO	397,00	SW560-1	SPST NO	600 A	30 V	CO	162,00
SW1000-187	SPST NO	1200 A	12 V	CO	539,00	SW800-5	SPST NO	100/125 A	30 V	CO	397,00
SW1000F-193	SPST NO	1200 A	12 V	CO	539,00	SW300-1020	SPST NO	300 A	30 V	INT	95,00
SW260-58	SPST NO	300 A	12 V	INT	119,00	SW1500A-101M	SPST NO	1500 A	30 V	INT	AM 729,00
SW300-1044M	SPST NO	300 A	12 V	INT	M 113,00	SW800-104	SPST NO	100/125 A	36 V	CO	397,00
SW300-1102	SPST NO	300 A	12 V	INT	95,00	SW150-1070	SPST NO	150 A	48 V	CO	51,00
SW300C-1043M	SPST NO	300 A	12 V	INT	CM 129,00	SW250-1030	SPST NO	250 A	48 V	CO	61,00
HV500AF-13	SPST NO	500 A	12 V		A 182,00	SW260-39	SPST NO	300 A	48 V	CO	119,00
HV500F-102	SPST NO	500 A	12 V		163,00	SW300-1018	SPST NO	300 A	48 V	CO	95,00
SW150-1079	SPST NO	150 A	24 V	CO	51,00	SW500-10	SPST NO	500 A	48 V	CO	142,00
SW150A-1086	SPST NO	150 A	24 V	CO	A 74,00	SW560-168	SPST NO	600 A	48 V	CO	162,00
SW260-25	SPST NO	300 A	24 V	CO	119,00	SW800-8	SPST NO	100/125 A	48 V	CO	397,00
SW300-1087	SPST NO	300 A	24 V	CO	95,00	SW1500-9	SPST NO	1800 A	48 V	CO	694,00
SW400-45	SPST NO	400 A	24 V	CO	119,00	HV500AF-170M	SPST NO	500 A	48 V	INT	AM 205,00
SW400C-66	SPST NO	400 A	24 V	CO	C 123,00	HV500F-35	SPST NO	500 A	48 V	INT	163,00
SW500-18	SPST NO	500 A	24 V	CO	142,00	SW400F-92M	SPST NO	400 A	48 V	INT	M 136,00
SW520A-21	DPST NO	520 A	24 V	CO	A 556,00	SW500-28M	SPST NO	500 A	48 V	INT	M 159,00
SW560-16	SPST NO	600 A	24 V	CO	162,00	SW560-25M	SPST NO	600 A	48 V	INT	M 179,00
SW560A-24	SPST NO	600 A	24 V	CO	A 185,00	SW560A-36M	SPST NO	600 A	48 V	INT	AM 202,00
SW800-28	SPST NO	100/125 A	24 V	CO	397,00	SW1500-57M	SPST NO	1800 A	48 V	INT	M 712,00
HV500F-149	SPST NO	500 A	24 V	INT	163,00	SW500A-54	SPST NO	500 A	54 V	CO	A 165,00
SW250-1111M	SPST NO	250 A	24 V	INT	M 78,00	SW150-1002	SPST NO	150 A	60 V	CO	51,00
SW260-101	SPST NO	300 A	24 V	INT	119,00	SW150A-1004	SPST NO	150 A	60 V	CO	A 74,00
SW300-1021	SPST NO	300 A	24 V	INT	95,00	SW250-1002	SPST NO	250 A	60 V	CO	61,00
SW520-28M	DPST NO	500 A	24 V	INT	M 556,00	SW250A-1004	SPST NO	250 A	60 V	CO	A 84,00
SW560-55	SPST NO	600 A	24 V	INT	162,00	SW260-3	SPST NO	300 A	60 V	CO	119,00
SW560A-76M	SPST NO	600 A	24 V	INT	AM 202,00	SW260A-4	SPST NO	300 A	60 V	CO	A 142,00
SW560A-101	SPST NO	600 A	24 V	INT	A 185,00	SW300-1002	SPST NO	300 A	60 V	CO	95,00
HV500AF-159	SPST NO	500 A	24 V		A 182,00	SW300-1030	SPST NO	300 A	60 V	CO	95,00
SW250-1001	SPST NO	250 A	30 V	CO	61,00	SW400-7	SPST NO	400 A	60 V	CO	119,00
SW260-1	SPST NO	300 A	30 V	CO	119,00	SW800-6	SPST NO	100/125 A	60 V	CO	397,00

SW800A-2	SPST NO	100/125 A	60 V	CO	A	415,00	SW250-1085	SPST NO	250 A	80 V	CO	61,00
SW250A-1107M	SPST NO	250 A	60 V	INT	AM	101,00	SW560-26	SPST NO	600 A	80 V	CO	162,00
SW260-9	SPST NO	300 A	60 V	INT		119,00	SW800-114	SPST NO	100/125 A	80 V	CO	397,00
SW800-7	SPST NO	100/125 A	60 V	INT		397,00	SW800A-75	SPST NO	100/125 A	80 V	CO	A 415,00
HV500F-128	SPST NO	500 A	60 V			163,00	SW260-66	SPST NO	300 A	80 V	INT	119,00
SW560-87	SPST NO	600 A	72 V	CO		162,00	SW560-139	SPST NO	600 A	80 V	INT	162,00
SW800-58	SPST NO	100/125 A	72 V	CO		397,00	SW800-82	SPST NO	100/125 A	80 V	INT	397,00
SW560-23	SPST NO	600 A	72 V	INT		162,00						

ED · SD emergency switches

PART NUMBER	CONTACTS	RATING	COIL	DUTY OPT.	€	PART NUMBER	CONTACTS	RATING	COIL	DUTY OPT.	€
SD150-5	SP	150 A	max. 48 V		89,00	ED250-25	SP	250 A	max. 48 V		63,00
SD150A-54	SP	150 A	max. 24 V	A	120,00	ED250-54	SP	250 A	max. 48 V		63,00
SD150LA-TBC	SP	150 A	max. 24 V	AK	153,00	ED250A-2	SP	250 A	max. 48 V	A	90,00
SD250A-1	SP	250 A	max. 24 V	A	140,00	ED250AB-2	SP	250 A	max. 96 V	AB	94,00
SD250LB-9	SP	250 A	max. 48 V	BK	170,00	ED250B-25	SP	250 A	max. 96 V	B	67,00
SD300A-2	SP	300 A	max. 24 V	A	152,00	ED250L-1	SP	250 A	max. 48 V	K	92,00
SD300A-4	SP	300 A	max. 48 V	A	152,00	ED250L-4	SP	250 A	max. 48 V	K	92,00
SD300AB-2	SP	300 A	max. 24 V	AB	157,00	ED250LAB-2	SP	250 A	max. 96 V	ABK	123,00
SD300AB-4	SP	300 A	max. 48 V	AB	157,00	ED250LAB-5	SP	250 A	max. 96 V	ABK	123,00
SD150A-26	SP	150 A	max. 24 V	A	120,00	ED252-4	DP	250 A	max. 96 V		87,00
SD150A-30	SP	150 A	max. 24 V	A	120,00	ED252-16	DP	250 A	max. 96 V		87,00
SD150A-44	SP	150 A	max. 24 V	A	120,00	ED252-26	DP	250 A	max. 96 V		87,00
SD200A-16	SP	200 A	max. 24 V	A	109,00	ED252A-14	DP	250 A	max. 96 V	A	116,00
SD200AB-16	SP	200 A	max. 24 V	AB	114,00	ED252AB-2	DP	250 A	max. 150 V	AB	120,00
SD250A-43	SP	250 A	max. 24 V	A	140,00	ED252B-4	DP	250 A	max. 150 V	B	91,00
ED125-1	SP	125 A	max. 48 V		48,00	ED252L-4	DP	250 A	max. 96 V	K	119,00
ED125-16	SP	125 A	max. 48 V		48,00	ED252L-14	DP	250 A	max. 96 V	K	119,00
ED125A-2	SP	125 A	max. 48 V	A	77,00	ED252LA-2	DP	250 A	max. 96 V	AK	148,00
ED125A-27	SP	125 A	max. 48 V	A	77,00	ED252LA-15	DP	250 A	max. 96 V	AK	148,00
ED125AB-2	SP	125 A	max. 96 V	AB	81,00	ED252LB-1	DP	250 A	max. 150 V	BK	123,00
ED125B-1	SP	125 A	max. 96 V	B	53,00	ED252LB-4	DP	250 A	max. 150 V	BK	123,00
ED125L-1	SP	125 A	max. 48 V	K	80,00	ED300-1	DP	300 A	max. 48 V		80,00
ED125L-4	SP	125 A	max. 48 V	K	80,00	ED300A-4	DP	300 A	max. 48 V	A	112,00
ED125L-7	SP	125 A	max. 48 V	K	80,00	ED300AB-4	DP	300 A	max. 96 V	AB	117,00
ED125LB-1	SP	125 A	max. 96 V	BK	84,00	ED300L-3	DP	300 A	max. 48 V	K	80,00
ED250-1	SP	250 A	max. 48 V		63,00	ED300LB-3	DP	300 A	max. 96 V	BK	121,00
ED250-4	SP	250 A	max. 48 V		63,00	ED520-1	DP	500 A	max. 60 V		625,00

Micropower battery chargers

Industrial battery chargers from Micropower for forklifts, AGVs, cleaning machines, utility vehicles and other battery - powered equipment: stationary and onboard, single - and three - phase, for lead - acid and lithium - ion batteries.

Click **PDF** or **web** next to a charger to open its datasheet or product page at Micropower. Matching **REMA connectors** and Anderson connectors are available from us. Prices, lead times and special versions: **request a quote**.

Micropower chargers and DC-DC converters from MK-Controls Oy.

We also supply the REMA and Anderson battery connectors for these chargers. Ask us for a complete charger -and -connector package.

16 series

from 100 W to 39 kW

4.2–280 V

output voltages

Lead - acid · Li - ion

all battery types

01



SC chargers

Micropower SC

02



SX chargers

Micropower SX

03



SQ chargers

Micropower SQ

04



ST chargers

Micropower ST

05



SL chargers

Micropower SL

06



RC onboard chargers

Micropower RC

07



Robust (RO) chargers

RO / Robust

08



Access chargers

Access

09



Lion chargers

Lion

10



Sharp chargers

Sharp

11



Champ chargers

Champ · Champ Pro

12



ABC chargers

ABC

13



PAC/PAP chargers and power supplies

PAC / PAP

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Workshop and rescue chargers

Workshop · Rescue

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13 PAC/PAP chargers and power
supplies

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01

SC chargers

Micropower SC

Stationary single-phase chargers for industrial batteries, in versions for lead-acid, GEL and AGM and for lithium-ion with CAN bus. Wall-mounted with the bracket and cable holder included; settings are made wirelessly with the GET app (NFC).



OUTPUT VOLTAGE	OUTPUT CURRENT	MAINS	PROTECTION
24 – 48 V	20 – 120 A	1-phase	IP20

Micropower SC									
ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	OUTPUT CONN.	EFF. %	DATA
V42240-A1	SC6	24 V / 20 A	1	220-240	645	IP20	DIN80	91	PDF · web
V62240-A1	SC6-LI-CAN	24 V / 20 A	1	220-240	645	IP20	DIN80	91	PDF · web
V72270-A1	SC8	24 V / 30 A	1	220-240	977	IP20	DIN80	91	PDF · web
V92270-A1	SC8-LI-CAN	24 V / 30 A	1	220-240	977	IP20	DIN80	91	PDF · web
VA2300-A1	SC11	24 V / 40 A	1	220-240	1296	IP20	DIN80	91	PDF · web
VC2300-A1	SC11-LI-CAN	24 V / 40 A	1	220-240	1296	IP20	DIN80	91	PDF · web
VD2310-A1	SC13	24 V / 45 A	1	220-240	1462	IP20	DIN80	91	PDF · web
VF2310-A1	SC13-LI-CAN	24 V / 45 A	1	220-240	1462	IP20	DIN80	91	PDF · web
VG2320-A1	SC14	24 V / 50 A	1	220-240	1613	IP20	DIN80	91	PDF · web
VJ2320-A1	SC14-LI-CAN	24 V / 50 A	1	220-240	1613	IP20	DIN80	91	PDF · web
VK2340-A1	SC17	24 V / 60 A	1	220-240	1942	IP20	DIN80	91	PDF · web
VM2340-A1	SC17-LI-CAN	24 V / 60 A	1	220-240	1942	IP20	DIN80	91	PDF · web
VN2380-A1	SC23	24 V / 80 A	1	220-240	2581	IP20	DIN80	91	PDF · web
VN4300-A1	SC23	48 V / 40 A	1	220-240	2562	IP20	DIN80	91	PDF · web
VQ2380-A1	SC23-LI-CAN	24 V / 80 A	1	220-240	2581	IP20	DIN80	91	PDF · web
VQ4300-A1	SC23-LI-CAN	48 V / 40 A	1	220-240	2562	IP20	DIN80	91	PDF · web
VR2420-A1	SC32	24 V / 100 A	1	220-240	3220	IP20	DIN160	91	PDF · web
VR2460-A1	SC32	24 V / 120 A	1	220-240	3385	IP20	DIN160	91	PDF · web
VR4340-A1	SC32	48 V / 60 A	1	220-240	3377	IP20	DIN80	91	PDF · web
VT2420-A1	SC32-LI-CAN	24 V / 100 A	1	220-240	3220	IP20	DIN160	91	PDF · web
VT2460-A1	SC32-LI-CAN	24 V / 120 A	1	220-240	3385	IP20	DIN160	91	PDF · web
VT4340-A1	SC32-LI-CAN	48 V / 60 A	1	220-240	3377	IP20	DIN80	91	PDF · web

02

SX chargers

Micropower SX

Stationary single-phase chargers with an intuitive interface, supplied with wall bracket and cable holder for fast installation. Several charging algorithms for lead-acid and lithium-ion batteries.



OUTPUT VOLTAGE
24 – 48 V

OUTPUT CURRENT
40 – 120 A

MAINS
1-phase

PROTECTION
IP20 · IP21

Micropower SX									
ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	OUTPUT CONN.	EFF. %	DATA
WG2321-A2	SX14	24 V / 50 A	1	120-240	1613	IP20	DIN80	91	PDF · web
WJ2321-A2	SX14	24 V / 50 A	1	120-240	1613	IP21	DIN80	91	PDF · web
WG2321-A3	SX14	24 V / 50 A	1	120-240	1613	IP21	DIN80	91	PDF · web
WJ2321-A3	SX14	24 V / 50 A	1	120-240	1613	IP21	DIN80	91	PDF · web
WG2320-A1	SX14	24 V / 50 A	1	220-240	1613	IP21	DIN80	91	PDF · web
WJ2320-A1	SX14	24 V / 50 A	1	220-240	1613	IP21	DIN80	91	PDF · web
WK2340-A1	SX17	24 V / 60 A	1	220-240	1942	IP21	DIN80	91	PDF · web
WK2340-A2	SX17	24 V / 60 A	1	220-240	1942	IP21	DIN80	91	PDF · web
WK2340-A3	SX17	24 V / 60 A	1	220-240	1942	IP21	DIN80	91	PDF · web
WM2340-A1	SX17	24 V / 60 A	1	220-240	1942	IP21	DIN80	91	PDF · web
WM2340-A2	SX17	24 V / 60 A	1	220-240	1942	IP21	DIN80	91	PDF · web
WM2340-A3	SX17	24 V / 60 A	1	220-240	1942	IP21	DIN80	91	PDF · web
WQ2380-A1	SX23	24 V / 80 A	1	220-240	2581	IP21	DIN80	91	PDF · web
WQ2380-A2	SX23	24 V / 80 A	1	220-240	2581	IP21	DIN80	91	PDF · web
WQ2380-A3	SX23	24 V / 80 A	1	220-240	2581	IP21	DIN80	91	PDF · web
WN2380-A1	SX23	24 V / 80 A	1	220-240	2581	IP21	DIN80	91	PDF · web
WN2380-A2	SX23	24 V / 80 A	1	220-240	2581	IP21	DIN80	91	PDF · web
WN2380-A3	SX23	24 V / 80 A	1	220-240	2581	IP21	DIN80	91	PDF · web
WQ4300-A1	SX23	48 V / 40 A	1	220-240	2562	IP21	DIN80	91	PDF · web
WQ4300-A2	SX23	48 V / 40 A	1	220-240	2562	IP21	DIN80	91	PDF · web
WQ4300-A3	SX23	48 V / 40 A	1	220-240	2562	IP21	DIN80	91	PDF · web
WN4300-A1	SX23	48 V / 40 A	1	220-240	2562	IP21	DIN80	91	PDF · web
WN4300-A2	SX23	48 V / 40 A	1	220-240	2562	IP21	DIN80	91	PDF · web
WN4300-A3	SX23	48 V / 40 A	1	220-240	2562	IP21	DIN80	91	PDF · web
WR2420-A1	SX32	24 V / 100 A	1	220-240	3220	IP21	DIN160	91	PDF · web
WT2420-A1	SX32	24 V / 100 A	1	220-240	3220	IP21	DIN160	91	PDF · web
WR2460-A1	SX32	24 V / 120 A	1	220-240	3385	IP21	DIN160	91	PDF · web
WT2460-A1	SX32	24 V / 120 A	1	220-240	3385	IP21	DIN160	91	web
WT2460-A3	SX32	24 V / 120 A	1	220-240	3385	IP21	DIN160	91	PDF · web
WR2460-A3	SX32	24 V / 120 A	1	220-240	3385	IP21	DIN160	91	PDF · web
WR2460-A2	SX32	24 V / 120 A	1	220-240	3385	IP21	DIN160	91	PDF · web
WT2460-A2	SX32	24 V / 120 A	1	220-240	3385	IP21	DIN160	91	PDF · web
WT4340-A1	SX32	48 V / 60 A	1	220-240	3377	IP21	DIN80	91	PDF · web

ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	OUTPUT CONN.	EFF. %	DATA
WT4340-A2	SX32	48 V / 60 A	1	220-240	3377	IP21	DIN80	91	PDF · web
WT4340-A3	SX32	48 V / 60 A	1	220-240	3377	IP21	DIN80	91	PDF · web
WR4340-A1	SX32	48 V / 60 A	1	220-240	3377	IP21	DIN80	91	PDF · web
WR4340-A2	SX32	48 V / 60 A	1	220-240	3377	IP21	DIN80	91	PDF · web
WR4340-A3	SX32	48 V / 60 A	1	220-240	3377	IP21	DIN80	91	PDF · web

SQ chargers

Micropower SQ

Compact, robust three-phase chargers for traditional lead-acid batteries, from about 1.7 to 9 kW.

OUTPUT VOLTAGE	OUTPUT CURRENT	MAINS	PROTECTION
24 – 80 V	60 – 200 A	3-phase	IP21



Micropower SQ									
ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	OUTPUT CONN.	EFF. %	DATA
SN2349	SQ17	24 V / 60 A	3	380-440	1894	IP21	DIN80	94	PDF · web
SN2389	SQ20	24 V / 80 A	3	380-440	2507	IP21	DIN80	94	PDF · web
SN2429	SQ30	24 V / 100 A	3	380-440	3127	IP21	DIN160	94	PDF · web
SN4349	SQ30	48 V / 60 A	3	380-440	3656	IP21	DIN80	96	PDF · web
SN2489	SQ40	24 V / 130 A	3	380-440	4068	IP21	DIN160	94	PDF · web
SN2486	SQ40	24 V / 130 A	3	480	4065	IP21	DIN160	94	PDF · web
SN2529	SQ45	24 V / 150 A	3	380-440	4727	IP21	DIN160	93	PDF · web
SN3439	SQ50	36 V / 105 A	3	380-440	4848	IP21	DIN160	95	web
SN3436	SQ50	36 V / 105 A	3	480	4876	IP21	DIN160	94	PDF · web
SN4389	SQ50	48 V / 80 A	3	380-440	4867	IP21	DIN80	96	PDF · web
SN4386	SQ50	48 V / 80 A	3	480	4907	IP21	DIN80	95	PDF · web
SN2629	SQ60	24 V / 200 A	3	380-440	6302	IP21	DIN320	93	PDF · web
SN2626	SQ60	24 V / 200 A	3	480	6361	IP21	DIN320	93	PDF · web
SN3489	SQ60	36 V / 130 A	3	380-440	6034	IP21	DIN160	94	PDF · web
SN3529	SQ60	36 V / 150 A	3	380-440	6975	IP21	DIN160	94	PDF · web
SN4429	SQ60	48 V / 100 A	3	380-440	6077	IP21	DIN160	96	PDF · web
SN6349	SQ60	80 V / 60 A	3	380-440	6054	IP21	DIN80	96	web
SN3569	SQ70	36 V / 170 A	3	380-440	7888	IP21	DIN320	94	PDF · web
SN3566	SQ70	36 V / 170 A	3	480	7940	IP21	DIN320	94	PDF · web
SN4489	SQ70	48 V / 130 A	3	380-440	7903	IP21	DIN160	96	PDF · web
SN4486	SQ70	48 V / 130 A	3	480	7963	IP21	DIN160	95	PDF · web
SN6389	SQ80	80 V / 80 A	3	380-440	8063	IP21	DIN80	96	PDF · web
SN6409	SQ90	80 V / 90 A	3	380-440	9061	IP21	DIN160	96	PDF · web
SN6406	SQ90	80 V / 90 A	3	480	9057	IP21	DIN160	96	PDF · web

04

ST chargers

Micropower ST

Compact, robust three-phase chargers for all battery types, from about 1.7 to 14.5 kW.

OUTPUT VOLTAGE 24 – 120 V OUTPUT CURRENT 60 – 300 A MAINS 3-phase PROTECTION IP20 · IP21



Micropower ST									
ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	OUTPUT CONN.	EFF. %	DATA
AN2349	ST17	24 V / 60 A	3	380-440	1871	IP21	DIN80	94	PDF · web
AN2346	ST17	24 V / 60 A	3	480	1878	IP21	DIN80	94	PDF · web
AN2389	ST20	24 V / 80 A	3	380-440	2507	IP21	DIN80	94	PDF · web
LN2389	ST20	24 V / 80 A	3	380-440	2507	IP21	DIN80	94	PDF · web
AN2386	ST20	24 V / 80 A	3	480	2519	IP21	DIN80	94	PDF · web
AN2429	ST30	24 V / 100 A	3	380-440	3127	IP21	DIN160	94	PDF · web
LN2429	ST30	24 V / 100 A	3	380-440	3127	IP21	DIN160	94	PDF · web
AN4349	ST30	48 V / 60 A	3	380-440	3656	IP21	DIN80	96	PDF · web
LN4349	ST30	48 V / 60 A	3	380-440	3656	IP21	DIN80	96	PDF · web
AN2489	ST40	24 V / 130 A	3	380-440	4068	IP21	DIN160	94	PDF · web
LN2489	ST40	24 V / 130 A	3	380-440	4068	IP21	DIN160	94	PDF · web
LN2486	ST40	24 V / 130 A	3	480	4065	IP21	DIN160	94	PDF · web
AN2486	ST40	24 V / 130 A	3	480	4065	IP21	DIN160	94	PDF · web
AN2529	ST45	24 V / 150 A	3	380-440	4727	IP21	DIN160	93	PDF · web
LN2529	ST45	24 V / 150 A	3	380-440	4727	IP21	DIN160	93	web
AN3439	ST50	36 V / 105 A	3	380-440	4848	IP21	DIN160	95	PDF · web
LN3439	ST50	36 V / 105 A	3	380-440	4848	IP21	DIN160	95	PDF · web
AN3436	ST50	36 V / 105 A	3	480	4876	IP21	DIN160	94	PDF · web
LN3436	ST50	36 V / 105 A	3	480	4876	IP21	DIN160	94	PDF · web
AN4389	ST50	48 V / 80 A	3	380-440	4867	IP21	DIN80	96	PDF · web
LN4389	ST50	48 V / 80 A	3	380-440	4867	IP21	DIN80	96	PDF · web
AN4386	ST50	48 V / 80 A	3	480	4907	IP21	DIN80	95	PDF · web
LN4386	ST50	48 V / 80 A	3	480	4907	IP21	DIN80	95	PDF · web
AN2629	ST60	24 V / 200 A	3	380-440	6302	IP21	DIN320	93	PDF · web
LN2629	ST60	24 V / 200 A	3	380-440	6302	IP21	DIN320	93	PDF · web
AN2626	ST60	24 V / 200 A	3	480	6361	IP21	DIN320	93	PDF · web
LN2626	ST60	24 V / 200 A	3	480	6361	IP21	DIN320	93	PDF · web
AN3489	ST60	36 V / 130 A	3	380-440	6034	IP21	DIN160	94	PDF · web
LN3489	ST60	36 V / 130 A	3	380-440	6034	IP21	DIN160	94	PDF · web
LN3529	ST60	36 V / 150 A	3	380-440	6975	IP21	DIN160	94	PDF · web
AN4429	ST60	48 V / 100 A	3	380-440	6077	IP21	DIN160	96	PDF · web
LN4429	ST60	48 V / 100 A	3	380-440	6077	IP21	DIN160	96	PDF · web
AN6349	ST60	80 V / 60 A	3	380-440	6054	IP21	DIN80	96	PDF · web
LN6349	ST60	80 V / 60 A	3	380-440	6054	IP21	DIN80	96	PDF · web

ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	OUTPUT CONN.	EFF. %	DATA
AN3529	ST65	36 V / 150 A	3	380-440	6975	IP21	DIN160	94	PDF · web
AN3569	ST70	36 V / 170 A	3	380-440	7888	IP21	DIN320	94	PDF · web
LN3569	ST70	36 V / 170 A	3	380-440	7888	IP21	DIN320	94	PDF · web
AN3566	ST70	36 V / 170 A	3	480	7940	IP21	DIN320	94	PDF · web
LN3566	ST70	36 V / 170 A	3	480	7940	IP21	DIN320	94	PDF · web
AN4489	ST70	48 V / 130 A	3	380-440	7903	IP21	DIN160	96	PDF · web
LN4489	ST70	48 V / 130 A	3	380-440	7903	IP21	DIN160	96	PDF · web
AN4486	ST70	48 V / 130 A	3	480	7963	IP21	DIN160	95	PDF · web
LN4486	ST70	48 V / 130 A	3	480	7963	IP21	DIN160	95	PDF · web
AN6389	ST80	80 V / 80 A	3	380-440	8063	IP21	DIN80	96	PDF · web
LN6389	ST80	80 V / 80 A	3	380-440	8063	IP21	DIN80	96	PDF · web
LN6389-3073	ST80	80 V / 80 A	3	380-440	8063	IP21	Cobra	96	PDF · web
AN6409	ST90	80 V / 90 A	3	380-440	9061	IP21	DIN160	96	PDF · web
LN6409	ST90	80 V / 90 A	3	380-440	9061	IP21	DIN160	96	PDF · web
AN6406	ST90	80 V / 90 A	3	480	9057	IP21	DIN160	96	PDF · web
LN6406	ST90	80 V / 90 A	3	480	9057	IP21	DIN160	96	PDF · web
AV2769-B1	ST100	24 V / 300 A	3	380-440	9458	IP20	DIN320	92.73	PDF · web
LV2769-B1	ST100	24 V / 300 A	3	380-440	9458	IP20	DIN320	92.73	PDF · web
AV2766-B3	ST100	24 V / 300 A	3	480	9458	IP20	DIN320	93	PDF · web
LV2766-B3	ST100	24 V / 300 A	3	480	9458	IP20	DIN320	93	PDF · web
AV3669-B1	ST100	36 V / 220 A	3	380-440	10296	IP20	DIN320	93	PDF · web
LV3669-B1	ST100	36 V / 220 A	3	380-440	10296	IP20	DIN320	93	PDF · web
AV3666-B3	ST100	36 V / 220 A	3	480	10353	IP20	DIN320	94.3	PDF · web
LV3666-B3	ST100	36 V / 220 A	3	480	10353	IP20	DIN320	94.3	PDF · web
AV4559-B1	ST100	48 V / 165 A	3	380-440	10226	IP20	DIN320	95.4	PDF · web
LV4559-B1	ST100	48 V / 165 A	3	380-440	10226	IP20	DIN320	95.4	PDF · web
AV4556-B3	ST100	48 V / 165 A	3	480	10215	IP20	DIN320	95.4	PDF · web
LV4556-B3	ST100	48 V / 165 A	3	480	10215	IP20	DIN320	95.4	PDF · web
AV6429-B1	ST100	80 V / 100 A	3	380-440	10105	IP20	DIN160	96	PDF · web
LV6429-B1	ST100	80 V / 100 A	3	380-440	10105	IP20	DIN160	96	PDF · web
AV6426-B3	ST100	80 V / 100 A	3	480	10111	IP20	DIN160	96	PDF · web
LV6426-B3	ST100	80 V / 100 A	3	480	10111	IP20	DIN160	96	PDF · web
AX7409-3073	ST100	90 V / 90 A	3	380-440	9928	IP20	DIN320	96	PDF · web
AV6449-B1	ST110	80 V / 110 A	3	380-440	11121	IP20	DIN160	96	PDF · web
LV6449-B1	ST110	80 V / 110 A	3	380-440	11121	IP20	DIN160	96	PDF · web
AV6489-B1	ST120	80 V / 130 A	3	380-440	13139	IP20	DIN160	96	PDF · web
LV6489-B1	ST120	80 V / 130 A	3	380-440	13139	IP20	DIN160	96	PDF · web
AV6486-B3	ST120	80 V / 130 A	3	480	13148	IP20	DIN160	96	PDF · web
LV6486-B3	ST120	80 V / 130 A	3	480	13148	IP20	DIN160	96	PDF · web
LX6489-3073	ST120	90 V / 130 A	3	380-440	13208	IP20	DIN320	95	PDF · web
AV9429-B1	ST120	96 V / 100 A	3	380-440	12104	IP20	DIN160	96	PDF · web
LV9429-B1	ST120	96 V / 100 A	3	380-440	12104	IP20	DIN160	96	PDF · web
LV9426-B3	ST120	96 V / 100 A	3	480	12110	IP20	DIN160	96	PDF · web
AV9426-B3	ST120	96 V / 100 A	3	480	12110	IP20	DIN160	96	PDF · web
AV3769-B1	ST130	36 V / 300 A	3	380-440	14091	IP20	DIN320	94.6	PDF · web
LV3769-B1	ST130	36 V / 300 A	3	380-440	14091	IP20	DIN320	94.6	PDF · web
AV3766-B3	ST130	36 V / 300 A	3	480	14091	IP20	DIN320	93.9	PDF · web

ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	OUTPUT CONN.	EFF. %	DATA
LV3766-B3	ST130	36 V / 300 A	3	480	14091	IP20	DIN320	93.9	PDF · web
AV4669-B1	ST130	48 V / 220 A	3	380-440	13508	IP20	DIN320	95	PDF · web
LV4669-B1	ST130	48 V / 220 A	3	380-440	13508	IP20	DIN320	95	PDF · web
AV4666-B3	ST130	48 V / 220 A	3	480	13564	IP20	DIN320	95	PDF · web
LV4666-B3	ST130	48 V / 220 A	3	480	13564	IP20	DIN320	95	PDF · web
AV4719-B1	ST145	48 V / 250 A	3	380-440	15365	IP20	DIN320	95	PDF · web
LV4719-B1	ST145	48 V / 250 A	3	380-440	15365	IP20	DIN320	95	PDF · web
AV4716-B3	ST145	48 V / 250 A	3	480	15438	IP20	DIN320	95.3	PDF · web
LV4716-B3	ST145	48 V / 250 A	3	480	15438	IP20	DIN320	95.3	PDF · web
AV6529-B1	ST145	80 V / 150 A	3	380-440	15173	IP20	DIN160	95.7	PDF · web
LV6529-B1	ST145	80 V / 150 A	3	380-440	15173	IP20	DIN160	95.7	PDF · web
AV6526-B3	ST145	80 V / 150 A	3	480	15163	IP20	DIN160	96.1	PDF · web
LV6526-B3	ST145	80 V / 150 A	3	480	15163	IP20	DIN160	96.1	PDF · web
AV7429-B1	ST145	120 V / 100 A	3	380-440	15117	IP20	DIN160	95.6	PDF · web
LV7429-B1	ST145	120 V / 100 A	3	380-440	15117	IP20	DIN160	95.6	PDF · web
AV7426-B3	ST145	120 V / 100 A	3	480	15123	IP20	DIN160	96.1	PDF · web
LV7426-B3	ST145	120 V / 100 A	3	480	15123	IP20	DIN160	96.1	PDF · web

SL chargers

Micropower SL

High - power stationary chargers built from redundant power units, for large batteries and fleets (roughly 14 to 39 kW per charger).



OUTPUT VOLTAGE	OUTPUT CURRENT	MAINS	PROTECTION
36 – 120 V	90 – 800 A	3-phase	IP21

Micropower SL									
ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	OUTPUT CONN.	EFF. %	DATA
DA4556-B3/0	SL100	48 V / 165 A	3	480	10129	IP21	DIN320	95	PDF · web
EA4556-B3/0	SL100	48 V / 165 A	3	480	10129	IP21	DIN320	95	PDF · web
EA6486-B3/0	SL120	80 V / 130 A	3	480	13023	IP21	DIN160	96	PDF · web
DA6486-B3/0	SL120	80 V / 130 A	3	480	13023	IP21	DIN160	96	PDF · web
EA9446-B3/0	SL130	96 V / 110 A	3	480	13371	IP21	DIN160	95	PDF · web
DA7406-B3/0	SL130	120 V / 90 A	3	480	13516	IP21	DIN160	96	PDF · web
EA7406-B3/0	SL130	120 V / 90 A	3	480	13516	IP21	DIN160	96	PDF · web
DB4719	SL140	48 V / 250 A	3	380-440	15306	IP21	DIN320	95	PDF · web
EB4719	SL140	48 V / 250 A	3	380-440	15306	IP21	DIN320	95	PDF · web
DB3816-B3/0	SL150	36 V / 350 A	3	480	16363	IP21	-	94	PDF · web
EB3816-B3/0	SL150	36 V / 350 A	3	480	16363	IP21	-	94	PDF · web
DB4726-B3/0	SL150	48 V / 260 A	3	480	15961	IP21	DIN320	95	PDF · web
EB4726-B3/0	SL150	48 V / 260 A	3	480	15961	IP21	DIN320	95	PDF · web
DB6549	SL150	80 V / 160 A	3	380-440	16157	IP21	DIN160	96	PDF · web
EB6549	SL150	80 V / 160 A	3	380-440	16157	IP21	DIN160	96	PDF · web
DA3626-B3/0	SL170	36 V / 200 A	3	480	9333	IP21	DIN320	94	PDF · web
EA3626-B3/0	SL170	36 V / 200 A	3	480	9333	IP21	DIN320	94	PDF · web
DB3866	SL170	36 V / 400 A	3	480	18925	IP21	-	93	PDF · web
EB3866-B3/0	SL170	36 V / 400 A	3	480	18675	IP21	DIN640	94	PDF · web
DB3866-B3/0	SL170	36 V / 400 A	3	480	18675	IP21	DIN640	94	PDF · web
EB3866	SL170	36 V / 400 A	3	480	18925	IP21	-	93	PDF · web
EF3866-B3/A	SL170	36 V / 400 A	3	480	18663	IP21	2xDIN320	94	PDF · web
DF3866-B3/A	SL170	36 V / 400 A	3	480	18663	IP21	2xDIN320	94	PDF · web
DB4769	SL170	48 V / 300 A	3	380-440	18484	IP21	DIN320	94,9	PDF · web
EB4769	SL170	48 V / 300 A	3	380-440	18427	IP21	DIN320	95	PDF · web
DB4766-B3/0	SL170	48 V / 300 A	3	480	18418	IP21	DIN320	95	PDF · web
EB4766-B3/0	SL170	48 V / 300 A	3	480	18418	IP21	DIN320	95	PDF · web
EB6586-B3/0	SL170	80 V / 180 A	3	480	18048	IP21	DIN320	96	PDF · web
DB6586-B3/0	SL170	80 V / 180 A	3	480	18048	IP21	DIN320	96	PDF · web
DB7476	SL180	V / A							PDF · web
DB4789	SL180	48 V / 320 A	3	380-440	19638	IP21	DIN320	95	PDF · web
EB4789	SL180	48 V / 320 A	3	380-440	19638	IP21	DIN320	95	PDF · web
EB9549	SL180	96 V / 160 A	3	380-440	19408	IP21	DIN160	96	PDF · web
EB9546-B3/0	SL180	96 V / 160 A	3	480	19479	IP21	DIN160	95	PDF · web

ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	OUTPUT CONN.	EFF. %	DATA
DB7476-B3/0	SL180	120 V / 125 A	3	480	18781	IP21	DIN160	96	PDF · web
EB7476-B3/0	SL180	120 V / 125 A	3	480	18781	IP21	DIN160	96	PDF · web
DB4796-B3/0	SL190	48 V / 330 A	3	480	20280	IP21	-	95	PDF · web
EB4796-B3/0	SL190	48 V / 330 A	3	480	20280	IP21	-	95	PDF · web
DF4796-B3/A	SL190	48 V / 330 A	3	480	20260	IP21	2xDIN320	95	PDF · web
EF4796-B3/A	SL190	48 V / 330 A	3	480	20260	IP21	2xDIN320	95	PDF · web
DB6629	SL190	80 V / 200 A	3	380-440	20188	IP21	DIN320	96	PDF · web
EB6629	SL190	80 V / 200 A	3	380-440	20188	IP21	DIN320	96	PDF · web
DB7589-3073	SL190	90 V / 180 A	3	380-440	20458	IP21	DIN320	96	PDF · web
EB7489	SL190	120 V / 130 A	3	380-440	19673	IP21	DIN160	96	PDF · web
DB7489	SL190	120 V / 130 A	3	380-440	19673	IP21	DIN160	96	PDF · web
DC4869	SL230	48 V / 400 A	3	380-440	24565	IP21	DIN640	95	PDF · web
EC4869	SL230	48 V / 400 A	3	380-440	24565	IP21	DIN640	95	PDF · web
DE4866-B3/0	SL230	48 V / 400 A	3	480	24641	IP21	DIN640	95	PDF · web
EE4866-B3/0	SL230	48 V / 400 A	3	480	24641	IP21	DIN640	95	PDF · web
DE4866-B3/A	SL230	48 V / 400 A	3	480	24527	IP21	2xDIN640	95	PDF · web
EE4866-B3/A	SL230	48 V / 400 A	3	480	24527	IP21	2xDIN640	95	PDF · web
DB6729	SL250	80 V / 260 A	3	380-440	26223	IP21	DIN320	96	PDF · web
EB6729	SL250	80 V / 260 A	3	380-440	26223	IP21	DIN320	96	PDF · web
DB6726-B3/0	SL250	80 V / 260 A	3	480	26080	IP21	DIN320	96	PDF · web
EB6726-B3/0	SL250	80 V / 260 A	3	480	26080	IP21	DIN320	96	PDF · web
EB6729-3073	SL250	90 V / 260 A	3	380-440	26223	IP21	Cobra	96	PDF · web
EB9669	SL250	96 V / 220 A	3	380-440	26640	IP21	DIN320	96	PDF · web
EB9666-B3/0	SL250	96 V / 220 A	3	480	26808	IP21	DIN320	95	PDF · web
DE3B06-B3/A	SL260	36 V / 600 A	3	480	27972	IP21	2xDIN640	94	PDF · web
EE3B06-B3/A	SL260	36 V / 600 A	3	480	27972	IP21	2xDIN640	94	PDF · web
DB7589	SL260	120 V / 180 A	3	380-440	27243	IP21	DIN320	96	PDF · web
EB7589	SL260	120 V / 180 A	3	380-440	27243	IP21	DIN320	96	PDF · web
DB7586-B3/0	SL260	120 V / 180 A	3	480	27076	IP21	DIN320	96	PDF · web
EB7586-B3/0	SL260	120 V / 180 A	3	480	27076	IP21	DIN320	96	PDF · web
DE4949	SL280	48 V / 480 A	3	380-440	29454	IP21	2xDIN320	95	PDF · web
EE4949	SL280	48 V / 480 A	3	380-440	29454	IP21	2xDIN320	95	PDF · web
EE4966-B3/A	SL290	48 V / 495 A	3	480	30417	IP21	2xDIN640	95	PDF · web
DE4966-B3/A	SL290	48 V / 495 A	3	480	30417	IP21	2xDIN640	95	PDF · web
EC6769-3073-002	SL290	80 V / 300 A	3	380-440	30310	IP21	Cobra	96	PDF · web
DC6789	SL310	80 V / 320 A	3	380-440	32314	IP21	DIN320	96	PDF · web
EC6789	SL310	80 V / 320 A	3	380-440	32314	IP21	DIN320	96	PDF · web
DE6796-B3/0	SL320	80 V / 330 A	3	480	33123	IP21	-	96	PDF · web
EE6796-B3/0	SL320	80 V / 330 A	3	480	33123	IP21	-	96	PDF · web
DE6796-B3/A	SL320	80 V / 330 A	3	480	33067	IP21	2xDIN320	96	PDF · web
EE6796-B3/A	SL320	80 V / 330 A	3	480	33067	IP21	2xDIN320	96	PDF · web
EE9766-B3/0	SL340	96 V / 295 A	3	480	35918	IP21	DIN320	95	PDF · web
DD3D06-B3/A	SL350	36 V / 800 A	3	480	37459	IP21	2xDIN640	94	PDF · web
ED3D06-B3/A	SL350	36 V / 800 A	3	480	37459	IP21	2xDIN640	94	PDF · web
DD4B16-B3/A	SL350	48 V / 610 A	3	480	37581	IP21	2xDIN640	95	PDF · web
ED4B16-B3/A	SL350	48 V / 610 A	3	480	37581	IP21	2xDIN640	95	PDF · web
DC6859	SL370	80 V / 390 A	3	380-440	39392	IP21	DIN640	96	PDF · web

ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	OUTPUT CONN.	EFF. %	DATA
EE6859	SL370	80 V / 390 A	3	380-440	39361	IP21	2xDIN320	96	PDF · web
DE6859	SL370	80 V / 390 A	3	380-440	39361	IP21	2xDIN320	96	PDF · web
EC6859	SL370	80 V / 390 A	3	380-440	39392	IP21	DIN640	96	PDF · web
DE6856-B3/0	SL370	80 V / 390 A	3	480	39131	IP21	DIN640	96	PDF · web
EE6856-B3/0	SL370	80 V / 390 A	3	480	39131	IP21	DIN640	96	PDF · web
DE6856-B3/A	SL370	80 V / 390 A	3	480	39115	IP21	2xDIN320	96	PDF · web
EE6856-B3/A	SL370	80 V / 390 A	3	480	39115	IP21	2xDIN320	96	PDF · web
EC9789	SL370	96 V / 320 A	3	380-440	38783	IP21	DIN320	96	PDF · web
DC7729	SL370	120 V / 260 A	3	380-440	39346	IP21	DIN320	96	PDF · web
EC7729	SL370	120 V / 260 A	3	380-440	39346	IP21	DIN320	96	PDF · web
DD4B66-B3/A	SL380	48 V / 660 A	3	480	40708	IP21	2xDIN640	95	PDF · web
ED4B66-B3/A	SL380	48 V / 660 A	3	480	40708	IP21	2xDIN640	95	PDF · web
EE9796-B3/0	SL380	96 V / 330 A	3	480	40204	IP21	-	95	PDF · web
EE9796-B3/A	SL380	96 V / 330 A	3	480	40150	IP21	2xDIN320	95	PDF · web
DE7736-B3/0	SL390	120 V / 270 A	3	480	40610	IP21	DIN320	96	PDF · web
EE7736-B3/0	SL390	120 V / 270 A	3	480	40610	IP21	DIN320	96	PDF · web
DD6936-B3/A	SL450	80 V / 470 A	3	480	47198	IP21	2xDIN320	96	PDF · web
ED6936-B3/A	SL450	80 V / 470 A	3	480	47198	IP21	2xDIN320	96	PDF · web
ED9856-B3/0	SL450	96 V / 390 A	3	480	47499	IP21	DIN640	95	PDF · web
ED9856-B3/A	SL450	96 V / 390 A	3	480	47488	IP21	2xDIN320	95	PDF · web
DD7776-B3/0	SL450	120 V / 310 A	3	480	46652	IP21	DIN320	96	PDF · web
ED7776-B3/0	SL450	120 V / 310 A	3	480	46652	IP21	DIN320	96	PDF · web
DD7776-B3/A	SL450	120 V / 310 A	3	480	46605	IP21	2xDIN320	96	PDF · web
ED7776-B3/A	SL450	120 V / 310 A	3	480	46605	IP21	2xDIN320	96	PDF · web

RC onboard chargers

Micropower RC

Compact, high-efficiency onboard chargers of 720 to 1040 W, fitted to the vehicle.



OUTPUT VOLTAGE	OUTPUT CURRENT	MAINS	PROTECTION
12 – 48 V	12 – 50 A	1-phase	IP67

Micropower RC										
ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	OUTPUT CONN.	EFF. %	DATA	NOTE
RD1321-C4	RC7	12 V / 50 A	1	100-240	758	IP67	-	95	PDF · web	
RD1321-C3	RC7	12 V / 50 A	1	100-240	758	IP67	-	95	PDF · web	
RD2261-C4	RC7	24 V / 25 A	1	100-240	750	IP67	-	96	PDF · web	
RD2261-C3	RC7	24 V / 25 A	1	100-240	750	IP67	-	96	PDF · web	
RD3201-C4	RC7	36 V / 16 A	1	100-240	750	IP67	-	96	PDF · web	
RD3201-C3	RC7	36 V / 16 A	1	100-240	750	IP67	-	96	PDF · web	
RD4161-C4	RC7	48 V / 12 A	1	100-240	750	IP67	-	96	PDF · web	
RD4161-C300000-00	RC7	48 V / 12 A	1	100-240	750	IP67	-	96	PDF · web	
RD2271-C2	RC9	24 V / 30 A	1	100-240	938	IP67	-	96	PDF · web	24V/25-30A
RD2271-C1	RC9	24 V / 30 A	1	100-240	938	IP67	-	96	PDF · web	24V/25-30A
RD3191-C1	RC10	36 V / 23 A	1	100-240	1042	IP67	-	96	PDF · web	36V/18-23A
RD3191-C2	RC10	36 V / 23 A	1	100-240	1042	IP67	-	96	PDF · web	36V/18-23A
RD4221-C2	RC10	48 V / 18 A	1	100-240	1083	IP67	-	96	PDF · web	48V/14-18A
RD4221-C1	RC10	48 V / 18 A	1	100-240	1083	IP67	-	96	PDF · web	48V/14-18A

Robust (RO) chargers

RO / Robust

Ruggedised chargers with a high IP rating for onboard or stationary use in harsh environments, from about 1.1 to 6.6 kW.



OUTPUT VOLTAGE	OUTPUT CURRENT	MAINS	PROTECTION
24 – 280 V	10 – 115 A	1-phase / 3-phase	IP66

RO / Robust										
ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	EFF. %	DATA	NOT	
S34455-T4	RO66	48 V / 115 A	3	380-480	6875	IP66	96	PDF · web		
M34455-T4	RO66	48 V / 115 A	3	380-480	6875	IP66	96	PDF · web		
S34455-T6	RO66	48 V / 115 A	3	380-480	6875	IP66	96	PDF · web		
M34455-T6	RO66	48 V / 115 A	3	380-480	6875	IP66	96	PDF · web		
S34455-T5	RO66	48 V / 115 A	3	380-480	6875	IP66	96	PDF · web		
M34455-T5	RO66	48 V / 115 A	3	380-480	6875	IP66	96	PDF · web		
S36345-T4	RO66	80 V / 60 A	3	380-480	6875	IP66	96	PDF · web		
M36345-T4	RO66	80 V / 60 A	3	380-480	6875	IP66	96	PDF · web		
S39345-T4	RO66	96 V / 60 A	3	380-480	6875	IP66	96	PDF · web		
M39345-T4	RO66	96 V / 60 A	3	380-480	6875	IP66	96	PDF · web		
S39345-T6	RO66	96 V / 60 A	3	380-480	6875	IP66	96	PDF · web		
M39345-T6	RO66	96 V / 60 A	3	380-480	6875	IP66	96	PDF · web		
S39345-T5	RO66	96 V / 60 A	3	380-480	6875	IP66	96	PDF · web		
M39345-T5	RO66	96 V / 60 A	3	380-480	6875	IP66	96	PDF · web		
ROBUST 650W 24V/28A	ROBUST 650W	24 V / 28 A		85-270		IP66		web		
ROBUST 2300W 24V/80A Fan Cooling	ROBUST 2300W	24 V / 80 A		195-264		IP66		web	Fan	Cool
ROBUST 2300W 36V/53A Fan Cooling	ROBUST 2300W	36 V / 53 A		195-264		IP66		web	Fan	Cool
ROBUST 2300W 48V/40A Fan Cooling	ROBUST 2300W	48 V / 40 A		195-264		IP66		web	Fan	Cool
ROBUST 3000W 24V/105A Fan Cooling	ROBUST 3000W	24 V / 105 A	1	195-264		IP66		web	Fan	Cool
ROBUST 3000W 24V/105A Fan Cooling (302)	ROBUST 3000W	24 V / 105 A	1	55-264		IP66		web	Fan	Cool
ROBUST 3000W 48V/60A Fan Cooling	ROBUST 3000W	48 V / 60 A	1	195-264		IP66		web	Fan	Cool
0078580	ROBUST 3000W	96 V / 30 A	1	195-264		IP66	>95%	web	Fan	Cool
0078570	ROBUST 3000W	280 V / 10 A	1	195-264		IP66	>95%	web	Fan	Cool

Access chargers

Access

Three-phase chargers from about 3 to 26 kW for stationary and onboard use. Radio communication and cloud connectivity give fleet reporting through the GET system.



OUTPUT VOLTAGE	OUTPUT CURRENT	MAINS	PROTECTION
24 – 120 V	20 – 420 A	1-phase / 3-phase	IP20 · IP54

Access									
ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	OUTPUT CONN.	EFF. %	D
AA2300	Access 30	24 V / 40 A	1	220-240	1282	IP54	DIN80	92	F
AB2340	Access 30	24 V / 60 A	1	220-240	1921	IP54	DIN80	92	F
AB2380	Access 30	24 V / 80 A	1	220-240	2272	IP54	DIN80	92	F
AC2420	Access 30	24 V / 100 A	1	220-240	3172	IP54	DIN160	93	F
AA3250	Access 30	36 V / 22 A	1	220-240	1042	IP54	DIN80	92	F
AB3320	Access 30	36 V / 53 A	1	220-240	2270	IP54	DIN80	92	F
AA4240	Access 30	48 V / 20 A	1	220-240	1260	IP54	DIN80	92	F
AB4300	Access 30	48 V / 40 A	1	220-240	2275	IP54	DIN80	92	F
AC4340	Access 30	48 V / 60 A	1	220-240	3409	IP54	DIN80	93	F
AP2383	ACCESS 50	24 V / 80 A	3	200-240	2581	IP20	DIN80	91	F
AP2423	ACCESS 50	24 V / 100 A	3	200-240	3220	IP20	DIN160	91	F
AP2483	ACCESS 50	24 V / 130 A	3	200-240	4189	IP20	DIN160	91	F
AP3343	ACCESS 50	36 V / 60 A	3	200-240	2892	IP20	DIN80	91	F
AP3383	ACCESS 50	36 V / 80 A	3	200-240	3847	IP20	DIN80	91	F
AP3433	ACCESS 50	36 V / 105 A	3	200-240	5045	IP20	DIN160	91	F
AP4343	ACCESS 50	48 V / 60 A	3	200-240	3800	IP20	DIN80	92	F
AP4383	ACCESS 50	48 V / 80 A	3	200-240	5057	IP20	DIN80	92	F
AS2523	ACCESS 100	24 V / 150 A	3	208-240	4900	IP20	DIN160	90	F
AS2563	ACCESS 100	24 V / 170 A	3	208-240	5453	IP20	DIN320	90	F
AS3483	ACCESS 100	36 V / 130 A	3	208-240	6246	IP20	DIN160	91	F
AS3523	ACCESS 100	36 V / 150 A	3	208-240	7220	IP20	DIN160	91	F
AS3563	ACCESS 100	36 V / 170 A	3	208-240	8166	IP20	DIN320	91	F
UA3666	ACCESS 100	36 V / 220 A	3	480-480	10541	IP20	custom	92	F
UA3667	ACCESS 100	36 V / 220 A	3	600-600	10657	IP20	custom	91	F
AS4423	ACCESS 100	48 V / 100 A	3	208-240	6315	IP20	DIN160	92	F
AS4483	ACCESS 100	48 V / 130 A	3	208-240	8213	IP20	DIN160	92	F
AR4551	ACCESS 100	48 V / 165 A	3	380-415	10336	IP20	DIN320	93	F
AS4554	ACCESS 100	48 V / 165 A	3	440-440	10336	IP20	DIN320	93	F
UA4556	ACCESS 100	48 V / 165 A	3	480-480	10336	IP20	custom	93	F
UA4557	ACCESS 100	48 V / 165 A	3	600-600	10449	IP20	custom	92	F
AS6383	ACCESS 100	80 V / 80 A	3	208-240	8306	IP20	DIN80	93	F
UA6427	ACCESS 100	80 V / 100 A	3	600-600	10376	IP20	custom	93	F
AX2769	ACCESS 130	24 V / 300 A	3	380-440	9608	IP20	DIN320	92	F

ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	OUTPUT CONN.	EFF. %	CL
AX3769	ACCESS 130	36 V / 300 A	3	380-440	14053	IP20	DIN320	94	F
AX3766	ACCESS 130	36 V / 300 A	3	460-480	14053	IP20	DIN320	94	F
AX4669	ACCESS 130	48 V / 220 A	3	380-440	13584	IP20	DIN320	94	F
AX4666	ACCESS 130	48 V / 220 A	3	460-480	13640	IP20	DIN320	94	F
AX6489	ACCESS 130	80 V / 130 A	3	380-440	13208	IP20	DIN160	95	F
AX6486	ACCESS 130	80 V / 130 A	3	460-480	13217	IP20	DIN160	95	F
AX7406	ACCESS 130	120 V / 90 A	3	460-480	13604	IP20	DIN160	96	F
AU2763	ACCESS 200	24 V / 300 A	3	208-240	9800	IP20	DIN320	90	F
AU2761	ACCESS 200	24 V / 300 A	3	380-415	9587	IP20	custom	92	F
AU2861	ACCESS 200	24 V / 400 A	3	380-415	12941	IP20	DIN640	91	F
AU3763	ACCESS 200	36 V / 300 A	3	208-240	14440	IP20	DIN320	91	F
AU3761	ACCESS 200	36 V / 300 A	3	380-415	14283	IP20	DIN320	92	F
AU3764	ACCESS 200	36 V / 300 A	3	440-440	14283	IP20	custom	92	F
AU3803	ACCESS 200	36 V / 340 A	3	208-240	16395	IP20	DIN640	91	F
MA3806	ACCESS 200	36 V / 340 A	3	480-480	16217	IP20	custom	92	F
AU3864	ACCESS 200	36 V / 400 A	3	440-440	19061	IP20	DIN640	92	F
AU3874	ACCESS 200	36 V / 410 A	3	440-440	20348	IP20	custom	92	F
MA3886	ACCESS 200	36 V / 420 A	3	480-480	20872	IP20	custom	92	F
MA3887	ACCESS 200	36 V / 420 A	3	600-600	21102	IP20	custom	91	F
AU4623	ACCESS 200	48 V / 200 A	3	208-240	12609	IP20	custom	92	F
AU4621	ACCESS 200	48 V / 200 A	3	380-415	12516	IP20	DIN320	93	F
AU4624	ACCESS 200	48 V / 200 A	3	440-440	12516	IP20	DIN320	93	F
AU4723	ACCESS 200	48 V / 260 A	3	208-240	16425	IP20	DIN320	92	F
AU4721	ACCESS 200	48 V / 260 A	3	380-415	16249	IP20	DIN320	93	F
AU4724	ACCESS 200	48 V / 260 A	3	440-440	16249	IP20	DIN320	93	F
MA4726	ACCESS 200	48 V / 260 A	3	480-480	16321	IP20	custom	93	F
AU4761	ACCESS 200	48 V / 300 A	3	380-415	18774	IP20	DIN320	93	F
MA4766	ACCESS 200	48 V / 300 A	3	480-480	18774	IP20	custom	93	F
AU4781	ACCESS 200	48 V / 320 A	3	380-415	20040	IP20	DIN320	93	F
MA4786	ACCESS 200	48 V / 320 A	3	480-480	20040	IP20	custom	93	F
AU4791	ACCESS 200	48 V / 330 A	3	380-415	20673	IP20	DIN640	93	F
MA4796	ACCESS 200	48 V / 330 A	3	480-480	20673	IP20	custom	93	F
MA4797	ACCESS 200	48 V / 330 A	3	600-600	20898	IP20	custom	92	F
AU6463	ACCESS 200	80 V / 120 A	3	208-240	12465	IP20	DIN160	93	F
AU6458	ACCESS 200	80 V / 120 A	3	230	11942	IP20	DIN160	93	F
AU6461	ACCESS 200	80 V / 120 A	3	380-415	12332	IP20	DIN160	94	F
AU6543	ACCESS 200	80 V / 160 A	3	208-240	16626	IP20	DIN160	93	F
AU6541	ACCESS 200	80 V / 160 A	3	380-415	16449	IP20	DIN160	94	F
AU6544	ACCESS 200	80 V / 160 A	3	440-440	16449	IP20	DIN160	94	F
MA6546	ACCESS 200	80 V / 160 A	3	480-480	16449	IP20	custom	94	F
AU6621	ACCESS 200	80 V / 200 A	3	380-415	20553	IP20	DIN320	94	F
AU6624	ACCESS 200	80 V / 200 A	3	440-440	20553	IP20	DIN320	94	F
MA6626	ACCESS 200	80 V / 200 A	3	480-480	20596	IP20	custom	94	F
MA6627	ACCESS 200	80 V / 200 A	3	600-600	20817	IP20	custom	93	F
AY6729	ACCESS 260	80 V / 260 A	3	380-440	26416	IP20	DIN320	95	F
AY6726	ACCESS 260	80 V / 260 A	3	460-480	26437	IP20	DIN320	95	F
AY7589	ACCESS 260	120 V / 180 A	3	380-440	27215	IP20	DIN320	96	F

ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	OUTPUT CONN.	EFF. %	D
AY7586	ACCESS 260	120 V / 180 A	3	460-480	27218	IP20	DIN320	96	F
ACCESS Ecotec	ACCESS Ecotec	V / A							v
Access Shelf Mount Charger	Access Shelf Mount Charger	V / A							v

Lion chargers

Lion

Chargers for lithium-ion batteries with CAN-bus communication to the battery management system. Suitable for fast and opportunity charging, about 1.1 to 26 kW.



OUTPUT VOLTAGE	OUTPUT CURRENT	MAINS	PROTECTION
24 – 120 V	35 – 420 A	1-phase / 3-phase	IP20 · IP54

Lion									
ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	OUTPUT CONN.	EFF. %	DATA
L12291	Lion 11	24 V / 35 A	1	100-240	990	IP20	custom	92	PDF · web
L12300	Lion 11	24 V / 40 A	1	220-240	1307	IP20	custom	92	PDF · web
LA2300	LION 30	24 V / 40 A	1	220-240	1282	IP54	DIN80	92	PDF · web
LB2380	LION 30	24 V / 80 A	1	220-240	2272	IP54	DIN80	92	PDF · web
LC2420	LION 30	24 V / 100 A	1	220-240	3172	IP54	DIN160	93	PDF · web
LB4300	LION 30	48 V / 40 A	1	220-240	2275	IP54	DIN80	92	PDF · web
LC4340	LION 30	48 V / 60 A	1	220-240	3409	IP54	DIN80	93	PDF · web
LP2483	LION 50	24 V / 130 A	3	200-240	4189	IP20	DIN160	91	PDF · web
LP3433	LION 50	36 V / 105 A	3	200-240	5045	IP20	DIN160	91	PDF · web
LP4383	LION 50	48 V / 80 A	3	200-240	5057	IP20	DIN80	92	PDF · web
LS2563	LION 100	24 V / 170 A	3	208-240	5453	IP20	DIN320	90	PDF · web
LS2566	LION 100	24 V / 170 A	3	480	5495	IP20	DIN320	91	PDF · web
LS3563	LION 100	36 V / 170 A	3	208-240	8166	IP20	DIN320	91	PDF · web
LS3621	LION 100	36 V / 200 A	3	380-415	9522	IP20	DIN320	92	PDF · web
LS3624	LION 100	36 V / 200 A	3	440-440	9522	IP20	DIN320	92	PDF · web
LT3666	LION 100	36 V / 220 A	3	480	10494	IP20	DIN320	92	PDF · web
LS4483	LION 100	48 V / 130 A	3	208-240	8213	IP20	DIN160	92	PDF · web
LR4551	LION 100	48 V / 165 A	3	380-415	10336	IP20	DIN320	93	PDF · web
LS4551	LION 100	48 V / 165 A	3	380-415	10336	IP20	DIN320	93	PDF · web
LS4554	LION 100	48 V / 165 A	3	440-440	10336	IP20	DIN320	93	PDF · web
LT4556	LION 100	48 V / 165 A	3	480	10325	IP20	DIN320	93	PDF · web
LS6383	LION 100	80 V / 80 A	3	208-240	8306	IP20	DIN80	93	PDF · web
LT6426	LION 100	80 V / 100 A	3	480	10272	IP20	DIN160	94	PDF · web
LX2769	LION 130	24 V / 300 A	3	380-440	9608	IP20	DIN320	92	PDF · web
LX3769	LION 130	36 V / 300 A	3	380-440	14053	IP20	DIN320	94	PDF · web
LX3766	LION 130	36 V / 300 A	3	460-480	14053	IP20	DIN320	94	PDF · web
LX4559	LION 130	48 V / 165 A	3	380-440	10226	IP20	DIN320	94	PDF · web
LX4669	LION 130	48 V / 220 A	3	380-440	13584	IP20	DIN320	94	PDF · web
LX4666	LION 130	48 V / 220 A	3	460-480	13640	IP20	DIN320	94	PDF · web
LX6489	LION 130	80 V / 130 A	3	380-440	13208	IP20	DIN160	95	PDF · web
LX6486	LION 130	80 V / 130 A	3	460-480	13217	IP20	DIN160	95	PDF · web
LX7409	LION 130	120 V / 90 A	3	380-440	13599	IP20	DIN160	96	PDF · web
LX7406	LION 130	120 V / 90 A	3	460-480	13604	IP20	DIN160	96	PDF · web

ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	OUTPUT CONN.	EFF. %	DATA
LU2763	LION 200	24 V / 300 A	3	208-240	9800	IP20	DIN320	90	PDF · web
LU2861	LION 200	24 V / 400 A	3	380-415	12941	IP20	DIN640	91	PDF · web
LU3761	LION 200	36 V / 300 A	3	380-415	14283	IP20	DIN320	92	PDF · web
LU3803	LION 200	36 V / 340 A	3	200-240	15461	IP20	custom	91	PDF · web
LU3861	LION 200	36 V / 400 A	3	380-415	19061	IP20	DIN640	92	PDF · web
LU3864	LION 200	36 V / 400 A	3	440-440	19061	IP20	DIN640	92	PDF · web
LU3874	LION 200	36 V / 410 A	3	440-440	19234	IP20	custom	92	PDF · web
LU3886	LION 200	36 V / 420 A	3	480	20011	IP20	DIN640	92	PDF · web
LU4623	LION 200	48 V / 200 A	3	208-240	12652	IP20	DIN320	92	PDF · web
LU4723	LION 200	48 V / 260 A	3	208-240	16425	IP20	DIN320	92	PDF · web
LU4721	LION 200	48 V / 260 A	3	380-415	16249	IP20	DIN320	93	PDF · web
LU4724	LION 200	48 V / 260 A	3	440-440	16249	IP20	DIN320	93	PDF · web
LU4761	LION 200	48 V / 300 A	3	380-415	18774	IP20	DIN320	93	PDF · web
LU4791	LION 200	48 V / 330 A	3	380-415	20673	IP20	DIN640	93	PDF · web
LU4794	LION 200	48 V / 330 A	3	440-440	20673	IP20	DIN640	93	PDF · web
LU4796	LION 200	48 V / 330 A	3	480	20673	IP20	DIN640	93	PDF · web
LU6453	LION 200	80 V / 115 A	3	230-240	11928	IP20	DIN160	93	PDF · web
LU6463	LION 200	80 V / 120 A	3	208-240	12465	IP20	DIN160	93	PDF · web
LU6543	LION 200	80 V / 160 A	3	208-240	16626	IP20	DIN160	93	PDF · web
LU6621	LION 200	80 V / 200 A	3	380-415	20553	IP20	DIN320	94	PDF · web
LU6624	LION 200	80 V / 200 A	3	440-440	20553	IP20	DIN320	94	PDF · web
LU6626	LION 200	80 V / 200 A	3	480	20557	IP20	DIN320	94	PDF · web
LY6729	LION 260	80 V / 260 A	3	380-440	26416	IP20	DIN320	95	PDF · web
LY7589	LION 260	120 V / 180 A	3	380-440	27215	IP20	DIN320	96	PDF · web
LY7586	LION 260	120 V / 180 A	3	460-480	27218	IP20	DIN320	96	PDF · web

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Sharp chargers

Sharp

Regulated and primary - switched chargers from 100 W to about 10 kW with multiple charging curves for lead - acid and lithium - ion batteries.



OUTPUT
VOLTAGE
12 – 80 V

OUTPUT
CURRENT
4 – 170 A

MAINS
1 - phase / 3 -
phase

PROTECTION
IP20 · IP54 · IP65 ·
IP66

Sharp									
ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	OUTPUT CONN.	EFF. %	DATA
924110	SHARP 10	12 V / 7 A	1	110-230	119	IP65	custom	85	PDF · web
924114	SHARP 10	12 V / 10 A	1	208-240	166	IP65	custom	87	PDF · web
924119	SHARP 10	12 V / 17 A	1	208-240	281	IP65	custom	87	PDF · web
924206	SHARP 10	24 V / 4 A	1	110-230	132	IP65	custom	87	PDF · web
924213	SHARP 10	24 V / 9 A	1	208-240	256	IP65	custom	90	PDF · web
924215	SHARP 10	24 V / 11 A	1	208-240	352	IP65	custom	90	PDF · web
S12300	SHARP 11	24 V / 40 A	1	220-240	1282	IP54	DIN80	92	PDF · web
S12306	SHARP 11	24 V / 40 A	1	220-240	1307	IP66	custom	92	PDF · web
924124	SHARP 20	12 V / 20 A	1	220-240	349	IP20	custom	85	PDF · web
924127	SHARP 20	12 V / 30 A	1	220-240	530	IP20	custom	85	PDF · web
924130	SHARP 20	12 V / 40 A	1	220-240	717	IP20	custom	85	PDF · web
924132	SHARP 20	12 V / 50 A	1	220-240	909	IP20	custom	85	PDF · web
924134	SHARP 20	12 V / 60 A	1	220-240	1076	IP20	custom	85	PDF · web
924224	SHARP 20	24 V / 20 A	1	220-240	657	IP20	custom	89	PDF · web
924227	SHARP 20	24 V / 30 A	1	220-240	992	IP20	custom	89	PDF · web
924231	SHARP 20	24 V / 45 A	1	220-240	1488	IP20	custom	89	PDF · web
924234	SHARP 20	24 V / 60 A	1	220-240	1998	IP20	custom	89	PDF · web
924324	SHARP 20	36 V / 20 A	1	220-240	980	IP20	custom	89	PDF · web
924330	SHARP 20	36 V / 40 A	1	220-240	1967	IP20	custom	89	PDF · web
924419	SHARP 20	48 V / 15 A	1	220-240	976	IP20	custom	89	PDF · web
924427	SHARP 20	48 V / 30 A	1	220-240	1956	IP20	custom	89	PDF · web
SA2300	Sharp 30	24 V / 40 A	1	220-240	1282	IP54	DIN80	92	PDF · web
SB2380	Sharp 30	24 V / 80 A	1	220-240	2272	IP54	DIN80	92	PDF · web
SC2420	Sharp 30	24 V / 100 A	1	220-240	3172	IP54	DIN160	93	PDF · web
SA3250	Sharp 30	36 V / 22 A	1	220-240	1042	IP54	DIN80	92	PDF · web
SB3320	Sharp 30	36 V / 53 A	1	220-240	2270	IP54	DIN80	92	PDF · web
SA4240	Sharp 30	48 V / 20 A	1	220-240	1260	IP54	DIN80	92	PDF · web
SB4300	Sharp 30	48 V / 40 A	1	220-240	2275	IP54	DIN80	92	PDF · web
SC4340	Sharp 30	48 V / 60 A	1	220-240	3409	IP54	DIN80	93	PDF · web
SP2383	SHARP 50	24 V / 80 A	3	200-240	2581	IP20	DIN80	91	PDF · web
SP2386	SHARP 50	24 V / 80 A	3	480	2563	IP20	DIN80	92	PDF · web
SP2423	SHARP 50	24 V / 100 A	3	200-240	3220	IP20	DIN160	91	PDF · web
SP2483	SHARP 50	24 V / 130 A	3	200-240	4189	IP20	DIN160	91	PDF · web

ORDER CODE	MODEL	OUTPUT	PH	MAINS V	POWER W	IP	OUTPUT CONN.	EFF. %	DATA
SP3343	SHARP 50	36 V / 60 A	3	200-240	2892	IP20	DIN80	91	PDF · web
SP3383	SHARP 50	36 V / 80 A	3	200-240	3847	IP20	DIN80	91	PDF · web
SP3433	SHARP 50	36 V / 105 A	3	200-240	5045	IP20	DIN160	91	PDF · web
SP4343	SHARP 50	48 V / 60 A	3	200-240	3800	IP20	DIN80	92	PDF · web
SP4383	SHARP 50	48 V / 80 A	3	200-240	5057	IP20	DIN80	92	PDF · web
SS2523	SHARP 100	24 V / 150 A	3	208-240	4900	IP20	DIN160	90	PDF · web
SS2524	SHARP 100	24 V / 150 A	3	440-440	4846	IP20	DIN160	91	PDF · web
SS2563	SHARP 100	24 V / 170 A	3	208-240	5453	IP20	DIN320	90	PDF · web
SS3483	SHARP 100	36 V / 130 A	3	208-240	6246	IP20	DIN160	91	PDF · web
SS3523	SHARP 100	36 V / 150 A	3	208-240	7220	IP20	DIN160	91	PDF · web
SS3563	SHARP 100	36 V / 170 A	3	208-240	8166	IP20	DIN320	91	PDF · web
SS3566	SHARP 100	36 V / 170 A	3	480	8096	IP20	DIN320	92	PDF · web
SS4423	SHARP 100	48 V / 100 A	3	208-240	6315	IP20	DIN160	92	PDF · web
SS4483	SHARP 100	48 V / 130 A	3	208-240	8213	IP20	DIN160	92	PDF · web
SR4551	SHARP 100	48 V / 165 A	3	380-415	10336	IP20	DIN320	93	PDF · web
SS4554	SHARP 100	48 V / 165 A	3	440-440	10336	IP20	DIN320	93	PDF · web
SS999996	SHARP 100	48 V / 165 A	3	480-480	10336	IP20	custom	93	PDF · web
SS6343	SHARP 100	80 V / 60 A	3	208-240	6236	IP20	DIN80	93	PDF · web
SS6383	SHARP 100	80 V / 80 A	3	208-240	8306	IP20	DIN80	93	PDF · web

Champ chargers

Champ · Champ Pro

Compact chargers for all battery types in a sealed housing (IP67 versions available), for vehicles and machines in wet and dusty environments.



OUTPUT VOLTAGE	OUTPUT CURRENT	MAINS	PROTECTION
12 – 24 V	5 – 30 A	1-phase	IP67

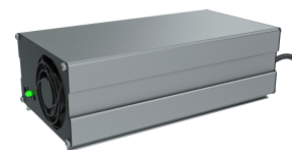
Champ · Champ Pro						
ORDER CODE	MODEL	OUTPUT	PH	MAINS V	IP	DATA
0033330	Champ	12 V / 7 A	1	90-270		web
0043884	Champ	12 V / 17 A	1	190-254	IP67	web
0043904	Champ	12 V / 30 A	1	190-254	IP67	web
0033351	Champ	24 V / 5 A	1	90-270	IP67	web
0043887	Champ	24 V / 12 A	1	190-254	IP67	web
0043908	Champ	24 V / 20 A	1	190-254	IP67	web
0043880	Champ Pro	12 V / 17 A	1	190-254	IP67	web
0043890	Champ Pro	12 V / 30 A	1	190-254	IP67	web
0043881	Champ Pro	24 V / 12 A	1	190-254	IP67	web
0043891	Champ Pro	24 V / 20 A	1	190-254	IP67	web

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ABC chargers

ABC

Universal 600 W to 1.6 kW chargers for lead-acid, GEL/AGM, NiCd and lithium-ion batteries, including military versions.



OUTPUT VOLTAGE 12 – 96 V OUTPUT CURRENT 7.5 – 100 A MAINS 1-phase PROTECTION IP20, · IP21

ABC							
ORDER CODE	MODEL	OUTPUT	PH	MAINS V	IP	DATA	NOTE
0036155	ABC	12 V / 40 A	1	90-255	IP21	web	
0036160	ABC	12 V / 50 A	1	90-255	IP21	web	
0036170	ABC	12 V / 60 A	1	90-255	IP21	web	
0036178	ABC	12 V / 100 A	1	90-255		web	
0036040	ABC	24 V / 40 A	1	90-255	IP21	web	
0036050	ABC	24 V / 50 A	1	90-255	IP21	web	
0036061	ABC	24 V / 60 A	1	90-255	IP21	web	
0036415	ABC	48 V / 15 A	1	90-255	IP21	web	
0036430	ABC	48 V / 30 A	1	90-255	IP21	web	
0036460	ABC	72 V / 10 A	1	90-255	IP21	web	
0036476	ABC	96 V / 7.5 A	1	90-255	IP21	web	
0036030	ABC CHARGER MIL	24 V / 30 A	1	90-255	IP21	web	
0036878	ABC CHARGER MIL	24 V / 80 A	1		IP20	web	3200W 24V/80A
0036871BAE	ABC CHARGER MIL	28 V / 60 A	1		IP21	web	

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PAC/PAP chargers and power supplies

PAC / PAP

High-frequency switching chargers (PAC) and power supplies (PAP): compact, lightweight and customisable. Adjustable and CAN-controlled versions available.



OUTPUT VOLTAGE	OUTPUT CURRENT	MAINS	PROTECTION
12 – 96 V	7.5 – 120 A	see datasheet	IP20 · IP22

PAC / PAP							
ORDER CODE	MODEL	OUTPUT	MAINS V	IP	DATA	NOTE	
PAC/PAP 750U 750W 12V/40A Fan Cooling	PAC/PAP 750U 750W	12 V / 40 A	55-250	IP20	PDF · web	Fan Cooling	
PAC/PAP 750U 750W 24V/30A Fan Cooling	PAC/PAP 750U 750W	24 V / 30 A	55-250	IP20	PDF · web	Fan Cooling	
PAC/PAP 750U 750W 36V/20A Fan Cooling	PAC/PAP 750U 750W	36 V / 20 A	55-250	IP20	PDF · web	Fan Cooling	
PAC/PAP 750U 750W 48V/15A Fan Cooling	PAC/PAP 750U 750W	48 V / 15 A	55-250	IP20	PDF · web	Fan Cooling	
PAC/PAP 750U 750W 72V/7,5A Fan Cooling	PAC/PAP 750U 750W	72 V / 7.5 A	55-250	IP20	PDF · web	Fan Cooling	
PAC/PAP 750U 750W 96V/7,5A Fan Cooling	PAC/PAP 750U 750W	96 V / 7.5 A	55-250	IP20	PDF · web	Fan Cooling	
PAC/PAP 800UL 800W 24V/30A Fan Cooling	PAC/PAP 800UL 800W	24 V / 30 A	55-140	IP20	PDF · web	Fan Cooling	
PAC/PAP 800UL 800W 36V/20A Fan Cooling	PAC/PAP 800UL 800W	36 V / 20 A	55-140	IP20	PDF · web	Fan Cooling	
PAC/PAP 800UL 800W 48V/15A Fan Cooling	PAC/PAP 800UL 800W	48 V / 15 A	55-140	IP20	PDF · web	Fan Cooling	
PAC/PAP 800W 12V/50A	PAC/PAP 800W	12 V / 50 A			PDF · web		
PAC/PAP 800W 72V/10A	PAC/PAP 800W	72 V / 10 A			PDF · web		
PAC/PAP 1600W 12V/120A Fan Cooling	PAC/PAP 1600W	12 V / 120 A	50-250	IP22	PDF · web	Fan Cooling	
PAC/PAP 1600W 24V/60A Fan Cooling	PAC/PAP 1600W	24 V / 60 A	55-250	IP22	PDF · web	Fan Cooling	
PAC/PAP 1600W 36V/40A Fan Cooling	PAC/PAP 1600W	36 V / 40 A	50-250	IP22	PDF · web	Fan Cooling	
PAC/PAP 1600W 48V/30A Fan Cooling	PAC/PAP 1600W	48 V / 30 A	50-250	IP22	PDF · web	Fan Cooling	

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Workshop and rescue chargers

Workshop · Rescue

Workshop chargers for 12 V and 24 V batteries, and charger programmes and options for rescue - service vehicles.



OUTPUT VOLTAGE	OUTPUT CURRENT	MAINS	PROTECTION
4.2 – 120 V	10 – 100 A	1-phase	IP20 · IP21 · IP67

Workshop · Rescue							
ORDER CODE	MODEL	OUTPUT	PH	MAINS V	IP	DATA	NOTE
CDU 4.2V/30A	CDU	4.2 V / 30 A			IP20	web	4.2V/30A
SMP 120V/10A	SMP	120 V / 10 A		220-240	IP20	web	
0036834	Workshop charger	V / A				PDF · web	12/24/70/60
0036840P	Workshop charger	V / A				PDF · web	
0043884R	Rescue	14.1 V / 17 A	1	190-254	IP67	web	Champ 12V/17A
0043904R	Rescue	14.1 V / 30 A	1	190-254	IP67	web	Champ 12V/30A
0036175R	Rescue	14.1 V / 60 A	1	190-254	IP21	web	ABC 12V/60A
0036178R	Rescue	14.1 V / 100 A	1	190-254	IP21	web	ABC 12V/100A

PRODUCT RANGE

Micropower DC-DC converters

DC-DC converters, chargers and equalizers from Micropower for industrial vehicles, AGVs and machines: compact IP21 units and sealed IP67 versions, isolated and non-isolated, for 12, 24, 48 and 80 V systems.

up to 96 %

efficiency

IP21 · IP67

compact and sealed versions

70 – 700 W

output power

Click **PDF** or **web** next to a product to open its datasheet or product page at Micropower. Need a quote or a special version? **Request a quote.**

Micropower DC-DC converters from MK-Controls Oy. Prices, lead times and special versions on request.

01



Non-isolated DC-DC converters

Non-isolated

02



Isolated DC-DC converters

Isolated

03



DC-DC chargers

DC-DC charger

04



DC-DC equalizers

Equalizer

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Defence (MIL) products

MIL

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05 Defence (MIL) products

01

Non-isolated DC-DC converters

Non-isolated

Compact 24 V to 12 V converters for auxiliary loads such as lighting, fans and control electronics. Switching technology with efficiency up to 96 %; protected against reverse polarity, short circuit and overload. IP21 housing as standard, IP67 version for wet and dusty installations.



INPUT VOLTAGE	OUTPUT VOLTAGE	POWER	PROTECTION
18 – 36 V	12.5 V	70 – 400 W	IP21 · IP67

Non-isolated · IP21								
ORDER CODE	MODEL	INPUT V	OUTPUT V	CURRENT A	SIZE MM	KG	CONNECTION	DATA
0060367	24V/12V 70W	18-36	12.5	5	116×88×18	0.18	Faston 6.3	web
0060368	24V/12V 200W	18-36	12.5	10	116×88×18	0.19	Faston 6.3	web
0060363	24V/12V 400W	18-36	12.5	30	116×88×18	0.2	Faston 6.3	web

Non-isolated · IP67								
ORDER CODE	MODEL	INPUT V	OUTPUT V	CURRENT A	SIZE MM	KG	CONNECTION	DATA
0060363IP	24V/12V 400W	18-36	12.5	30	150×93×31	0.82	Cable	web

02

Isolated DC-DC converters

Isolated

Converters with full galvanic isolation between input and output, for wide or unregulated input voltages (9–36 V) and for 24, 48 and 80 V battery systems. IP21 and sealed IP67 versions.



INPUT VOLTAGE	OUTPUT VOLTAGE	POWER	PROTECTION
9 – 110 V	12 – 24 V	200 – 700 W	IP21 · IP67

Isolated · IP21								
ORDER CODE	MODEL	INPUT V	OUTPUT V	CURRENT A	SIZE MM	KG	CONNECTION	DATA
0060316	9-36V/12V 200W	9-36	12	16	116×88×18	0.2	Faston 6.3	web
0060317	9-36V/24V 200W	9-36	24	8	116×88×18	0.2	Faston 6.3	web
0060332	48V/12V 200W	33-65	12		116×88×18	0.2	Faston 6.3	web
0060333	48V/24V 200W	33-65	24	8	116×88×18	0.2	Faston 6.3	web

Isolated · IP67								
ORDER CODE	MODEL	INPUT V	OUTPUT V	CURRENT A	SIZE MM	KG	CONNECTION	DATA
0060316IP	9-36V/12V 200W	9-36	12	16	150×93×31	0.82	Cable	web
0060317IP	9-36V/24V 200W	9-36	24	8	150×93×31	0.82	Cable	web
HA2261-D10101-01	12V/24V 700W	10-16	24	24	150×93×39.5	1	Cable	PDF · web
0060321IP	24V/12V 400W	18-32	12	32	150×93×31	0.82	Cable	web
0060324IP	24V/24V 400W	18-32	24	16	150×93×31	0.82	Cable	web
0060332IP	48V/12V 200W	33-65	12	16	150×93×31	0.82	Cable	web
0060322IP	48V/12V 400W	33-65	12	32	150×93×31	0.82	Cable	web
0060333IP	48V/24V 200W	33-65	24	8	150×93×31	0.82	Cable	web
0060323IP	48V/24V 400W	33-65	24	16	150×93×31	0.82	Cable	web
0060328IP	80V/12V 400W	60-110	12	33	150×93×31	0.82	Cable	web
0060329IP	80V/24V 400W	60-110	24	18	150×93×31	0.82	Cable	web

03

DC-DC chargers

DC-DC charger

Compact DC-DC chargers for 12 V and 24 V systems, charging an auxiliary battery from the vehicle supply. IP21 and IP67 versions.



INPUT VOLTAGE	OUTPUT VOLTAGE	POWER	PROTECTION
9 – 32 V	12 – 24 V	200 W	IP21 · IP67

DC-DC charger · IP21								
ORDER CODE	MODEL	INPUT V	OUTPUT V	CURRENT A	SIZE MM	KG	CONNECTION	DATA
0060380	12V/15A 200W	9-16	12	15	116×88×18	0.2	Faston 6.3	web

DC-DC charger · IP67								
ORDER CODE	MODEL	INPUT V	OUTPUT V	CURRENT A	SIZE MM	KG	CONNECTION	DATA
0060380IP	12V/15A 200W	9-16	12	15	150×93×31	0.2	Cable	web
0060381IP	24V/8A 200W	18-32	24	8	150×93×31	0.2	Cable	web

DC-DC equalizers

Equalizer

Equalizers keep two 12 V batteries in a 24 V system in balance. Sealed IP67 housings.



INPUT VOLTAGE	OUTPUT VOLTAGE	POWER	PROTECTION
24 V	12 V		IP67

Equalizer · IP67						
ORDER CODE	MODEL	INPUT V	OUTPUT V	CURRENT A	KG	DATA
JC1422-D10000	24V/12V 100A	24	12	100	0.8	web

Defence (MIL) products

MIL

Converters, chargers and equalizers for military and defence applications, with NATO stock numbers where available.



INPUT VOLTAGE	OUTPUT VOLTAGE	POWER	PROTECTION
9 – 65 V	12 – 28 V	200 – 400 W	IP67

MIL · IP67							
ORDER CODE	MODEL	INPUT V	OUTPUT V	CURRENT A	SIZE MM	KG	CONNECTION
0060316MIL	9-36V/12V 200W	9-36	12	14	150×93×31	0.82	Cable
0060317MIL	9-36V/24V 200W	9-36	24		150×93×31	0.82	Cable
0060381BAE	24-24V 200W	18-32	24	8	150×95×31	0.82	Flying leads, 14AWG Red & Black 1600mm + 50
0060324MIL	24V/24V 400W	18-32	24	16	150×93×31	0.82	Cable
0060363MIL	24V/12V 30A 400W	18-36	12	30	116×88×18	0.2	Faston 6.3
0060370IP	24V/12V 30A	24	12	30			
0060323MIL	48V/24V 400W	33-65	28	16	116×88×18	0.82	Faston 6.3



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