

PRODUCT CATALOGUE · BATTERY COMPONENTS

Cell connectors & end cables

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



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

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

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.

04

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

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



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.

MK - CONTROLS

Ask us for prices, lead times, custom lengths, fused versions and complete cable assemblies.

mkcontrols.eu

Prices in EUR per piece, excl. VAT.

Frötek and MSS are trademarks of their respective owners. Specifications may change without notice; please confirm details when ordering.