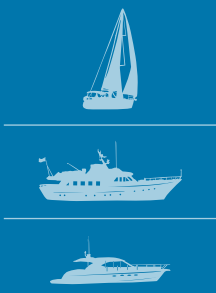


WAVE



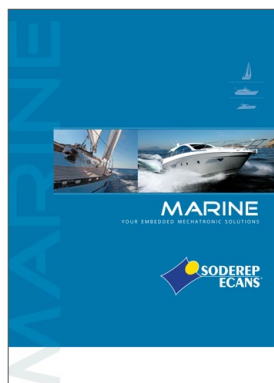
# MARINE

YOUR EMBEDDED MECHATRONIC SOLUTIONS

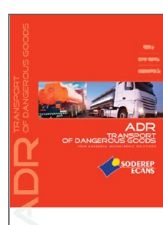


W  
A  
R  
R  
I  
N  
E

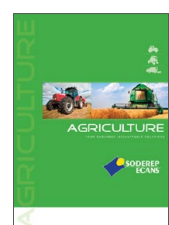
# OUR CATALOGS



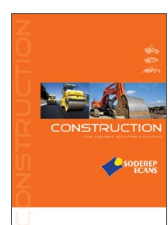
MARINE



ADR  
TRANSPORT OF DANGEROUS GOODS



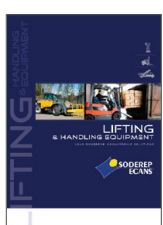
AGRICULTURE



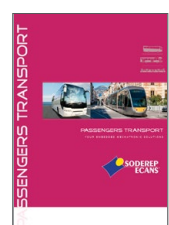
CONSTRUCTION



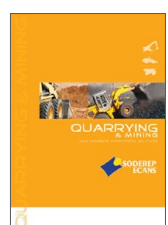
GOODS  
TRANSPORT



LIFTING  
& HANDLING EQUIPMENT



PASSENGERS  
TRANSPORT



QUARRYING  
& MINING

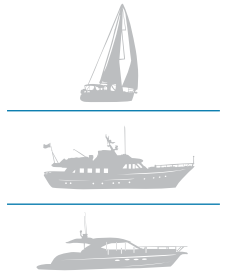


SPECIAL  
& HANDLING  
EQUIPMENT

W  
Z  
R  
A  
W

**MARINE**

YOUR EMBEDDED MECHATRONIC SOLUTIONS



# CONTENTS

---

BATTERY MASTER SWITCH ELECTRICAL CONTROL .....	3
BATTERY MASTER SWITCH MANUAL CONTROL .....	13
POWER RELAY .....	27
SWITCH AND BUTTON .....	29
SPARE PARTS .....	33

---



WAVE

## BATTERY MASTER SWITCH ELECTRICAL CONTROL

### BISTABLE

#### SINGLE POLE



200 A

**S220** ..... 4



300 A

**S250** ..... 5

# S220 SERIES



GLOBAL PRODUCT



203106

## GENERAL CHARACTERISTICS

IP67 IPX9K	+85°C -40°C	PBT glass filled	700 g	M8
---------------	----------------	---------------------	-------	----

Continuous rating 200 A

Overload 800 A (10 s)

Temporization 15 s (wiring option)

## VERSIONS

GROUND or POSITIVE CUT-OFF

12 V or 24 V

## PRODUCT SELECTION

P/N	RATED VOLTAGE	POLARITY	TERMINALS		AUXILIARY CIRCUIT	
			LENGTH	MATERIAL	TYPE	CONTINUOUS RATING
203105	24 V	+ CUT-OFF	6 mm	Silver plated copper	LED control	12 W (0,5 A)
203106	12 V	+ CUT-OFF	6 mm	Silver plated copper	LED control	12 W (1 A)
203254	24 V	GND CUT-OFF	6 mm	Silver plated copper	LED control	12 W (0,5 A)
203255	12 V	GND CUT-OFF	6 mm	Silver plated copper	LED control	12 W (1 A)

On request: specific technical demand can be studied

## CONTROL SWITCH (see «Switch and button» section)



**ON-OFF SWITCH**  
S701 SERIES **250254**  
2-Pin ISO 15170 / DIN 72585

To use with:  
All the S220 SERIES

## ACCESSORIES (see «Spare parts» section)

**CABLING KIT**  
713 SERIES **250025**  
4-Pin Superseal connector & wire

**BUSBAR**  
900 SERIES **203213**  
3 M8 terminals (washers & nuts included)

# S250 SERIES



GLOBAL PRODUCT



202319

## GENERAL CHARACTERISTICS

IP65

+85 °C  
-40 °C

PBT  
reinforced

1000 g

M10

Continuous rating 300 A

Overload 1500 A (15 s)

## VERSIONS

MASTER or SLAVE

GROUND or POSITIVE CUT-OFF

12 V or 24 V

## OPTIONS

Auxiliary circuit

Temporization

Low Voltage Monitoring (LVM)



202664



202595

## CONTROL SWITCHES (see «Switch and button» section)

### PUSH BUTTON SWITCH

S700 SERIES **202170**  
2-Pin ISO 15170 / DIN 72585

To use with:

See product selection table



### ON-OFF SWITCH

S701 SERIES **250254**  
2-Pin ISO 15170 / DIN 72585

To use with:

See product selection table

# S250 SERIES

## PRODUCT SELECTION

MASTER WITHOUT MANUAL CONTROL									
P/N	VOLT	TERMINALS		POLARITY	AUXILIARY CIRCUIT	LVM	TEMPORIZATION	CONTROL TYPE	CONNECTION
		LENGTH	MATERIAL						
202301	12 V	13 mm	Copper	+ CUT-OFF	-	-	-	2 push buttons	3 wires
202310	24 V	10 mm	Silver plated copper	+ CUT-OFF	Relay D+	-	-	ON-OFF	4 wires
202311	12 V	10 mm	Silver plated copper	+ CUT-OFF	Relay D+	-	-	ON-OFF	4 wires
202316	24 V	10 mm	Silver plated copper	+ CUT-OFF	Relay D+	-	-	2 push buttons	3 wires
202317	12 V	10 mm	Silver plated copper	+ CUT-OFF	Relay D+	-	-	2 push buttons	3 wires
202319	24 V	10 mm	Silver plated copper	+ CUT-OFF	D+	-	-	ON-OFF	4-Pin, DIN connector
202595	12 V	10 mm	Silver plated copper	+ CUT-OFF	-	60 sec	-	Monostable	7-Pin, DIN connector
202597	24 V	10 mm	Silver plated copper	+ CUT-OFF	-	60 sec	-	Monostable	7-Pin, DIN connector
202636	12 V	10 mm	Silver plated copper	+ CUT-OFF	D+	-	-	ON-OFF	4-Pin, DIN connector
202637	12 V	10 mm	Silver plated copper	+ CUT-OFF	Relay control	5 min	-	Monostable	7-Pin, DIN connector
202639	24 V	10 mm	Silver plated copper	+ CUT-OFF	-	5 min	-	Push button	7-Pin, DIN connector
202698	12 V	10 mm	Silver plated copper	+ CUT-OFF	D+	-	30 sec	ON-OFF	4 wires
202800	24 V	10 mm	Silver plated copper	GND CUT-OFF	Relay control output 200 mA	-	30 sec	ON-OFF	5-Pin, Superseal connector
202976	12 V	10 mm	Silver plated copper	GND CUT-OFF	-	-	30 sec	ON-OFF	2-Pin, Superseal connector
203035	24 V	10 mm	Silver plated copper	+ CUT-OFF	-	-	5 min	ON-OFF	2-Pin, Superseal connector

On request: specific technical demand can be studied



# S250 SERIES

### PRODUCT SELECTION

MASTER MANUAL CONTROL										
P/N	VOLT	TERMINALS		POLARITY	AUXILIARY CIRCUIT	LVM	TEMPORIZATION	CONTROL TYPE	CONNECTION	AUXILIARY CONTROL
		LENGTH	MATERIAL							
202312	12 V	10 mm	Silver plated copper	+ CUT-OFF	Changeover relay	-	-	Monostable	5 wires	Yes
202313	24 V	10 mm	Silver plated copper	+ CUT-OFF	Changeover relay	-	-	Monostable	5 wires	Yes
202314	24 V	10 mm	Silver plated copper	GND CUT-OFF	Changeover relay	-	-	Monostable	6 wires	Yes
202315	12 V	10 mm	Silver plated copper	GND CUT-OFF	Changeover relay	-	-	Monostable	6 wires	Yes
202596	12 V	10 mm	Silver plated copper	+ CUT-OFF	Relay control output for D+	60 sec	-	Monostable	7-Pin, DIN / ISO type connector	Yes
202598	24 V	10 mm	Silver plated copper	+ CUT-OFF	Relay control output for D+	60 sec	-	Monostable	7-Pin, DIN connector	Yes
202638	12 V	10 mm	Silver plated copper	+ CUT-OFF	Relay control output for D+	5 min	-	ON-OFF	7-Pin, DIN connector	Yes
202640	24 V	10 mm	Silver plated copper	+ CUT-OFF	Relay	-	-	-	7-Pin, DIN / ISO type connector	Yes
202680	12 V	10 mm	Silver plated copper	+ CUT-OFF	Relay control output for D+	-	5 sec	ON-OFF	6.35 FASTON tab connector	-
202734	24 V	10 mm	Silver plated copper	+ CUT-OFF	Relay control output	-	5 sec	ON-OFF	6.35 FASTON tab connector	-
203402	12 V	10 mm	Silver plated copper	+ CUT-OFF	Relay D+	-	-	Monostable	4 wires	Yes
203403	24 V	10 mm	Silver plated copper	+ CUT-OFF	Relay D+	-	-	Monostable	4 wires	Yes

On request: specific technical demand can be studied

SLAVE						
P/N	VOLT	TERMINALS		POLARITY	CONTROL TYPE	CONNECTION
		LENGTH	MATERIAL			
202657	12 V	10 mm	Silver plated copper	GND CUT-OFF	ON-OFF	6-Pin connector
202664	12 V	10 mm	Silver plated copper	GND CUT-OFF	ON-OFF	2 wires
202665	24 V	10 mm	Silver plated copper	GND CUT-OFF	ON-OFF	2 wires
202671	24 V	10 mm	Silver plated copper	GND CUT-OFF	ON-OFF	6-Pin connector

On request: specific technical demand can be studied

### ACCESSORIES (see « Spare parts» section)

#### CABLING KIT

713 SERIES **250333**  
4-Pin DIN connector  
For 202319 - 202636

713 SERIES **250351**  
2-Pin Superseal connector & wire  
For 202976 - 203035

713 SERIES **250352**  
7-Pin DIN connector  
For 202595 - 202596 - 202597 - 202598 - 202637 - 202638 - 202639 - 202640

#### TERMINAL INSULATION CAP

900 SERIES **201010**  
Red

900 SERIES **202499**  
Black

#### TERMINAL HEIGHTENED

900 SERIES **200588**

# WAVE



## BATTERY MASTER SWITCH ELECTRICAL CONTROL

MONOSTABLE

SINGLE POLE



S200

10

# S200 SERIES



GLOBAL PRODUCT



202136

## GENERAL CHARACTERISTICS

IP65	+80°C -40°C	Zinc alloy	UNTIL 1400 g	M10 M12
------	----------------	------------	-----------------	------------

- Continuous rating 250 A
- Overload 1800 A (60 s)
- Ground or positive Cut-off

## VERSIONS

12 V or 24 V

## OPTIONS

- Fixation adapter
- Protection diode
- Electrical load switching



200358



200824

## CONTROL SWITCHES (see «Switch and button» section)



**ON-OFF SWITCH**  
S701 SERIES **250254**  
2-Pin ISO 15170 / DIN 72585

To use with:  
All the S200 SERIES

# S200 SERIES

## PRODUCT SELECTION

P/N	VOLT	FINISH	WEIGHT	TERMINALS			AUXILIARY CIRCUIT	OTHER
				SIZE	LENGTH	MATERIAL		
200358	12 V	Black	1260 g	M10	8 mm	Copper	-	«U» shape bracket
200359	24 V	Black	1260 g	M10	8 mm	Copper	-	«U» shape bracket
200439	24 V	Metallic	960 g	M10	7 mm	Copper	Normally open	-
200686	12 V	Metallic	960 g	M10	7 mm	Copper	-	-
200735	12 V	Metallic	960 g	M10	7 mm	Copper	D+	-
200819	24 V	Metallic	1400 g	M10 + M12	7 mm	Copper	-	«U» shape bracket + blade adapter plate
200820	24 V	Metallic	960 g	M10	7 mm	Copper	-	-
200822	12 V	Metallic	1400 g	M10 + M12	7 mm	Copper	-	«U» shape bracket + blade adapter plate
200824	24 V	Metallic	1400 g	M10 + M12	7 mm	Copper	D+	«U» shape bracket + blade adapter plate
201217	24 V	Metallic	1260 g	M10	14 mm	Copper	-	«U» shape bracket
201245	24 V	Metallic	960 g	M10	7 mm	Copper	D+	-
201766	24 V	Metallic	960 g	M10	22 mm	Copper	-	-
201926	24 V	Metallic	960 g	M10	14 mm	Copper	-	-
202072	24 V	Metallic	960 g	M10	7 mm	Copper	D+	Protection diode
202136	12 V	Metallic	960 g	M10	7 mm	Copper	D+	Protection diode
202159	24 V	Metallic	960 g	M10	22 mm	Copper	-	Protection diode

On request: specific technical demand can be studied

## ACCESSORIES (see «Spare parts» section)

### TERMINAL HEIGHTENED

900 SERIES [200588](#)

### TERMINAL INSULATION CAP

900 SERIES Red [201010](#)

900 SERIES Black [202499](#)

# WARRIORS



## BATTERY MASTER SWITCH MANUAL CONTROL

### DOUBLE POLE



**S190** ..... 14



**S295** ..... 16

# S190 SERIES



GLOBAL PRODUCT

## GENERAL CHARACTERISTICS

IP65	+85 °C -40 °C	Zinc alloy	until 1200g	M10
------	------------------	------------	-------------	-----

- Continuous rating until 250 A
- Overload 2500 A (5 s)
- Ground & positive Cut-off

## OPTIONS

Auxiliary circuit



200014



200913



200047



# S190 SERIES

## PRODUCT SELECTION

P/N	FINISH	HANDLE		TERMINALS		AUXILIARY CIRCUIT			
		TYPE	COLOR AND MATERIAL	LENGTH	SPACER ON TERMINALS	TYPE	ACCESSORIES	CONTINUOUS RATING	CONNECTION
200014	Metallic	Fixed / 2 positions	Red thermoplastic	6 mm	Yes	D+	Shunt	10 A	2 M6
200015	Metallic	Fixed / 2 positions	Red thermoplastic	12 mm	No	-	-	-	-
200018	Metallic	Fixed / 2 positions	Red thermoplastic	6 mm	Yes	Normally open	Shunt	10 A	2 M6
200019	Metallic	Fixed / 2 positions	Red thermoplastic	6 mm	Yes	Normally open	-	10 A	2 M6
200034	Metallic	Fixed / 2 positions	Red thermoplastic	15 mm	No	-	-	-	-
200047	White	Fixed / 2 positions	Red thermoplastic	12 mm	No	-	-	-	-
200232	Metallic	Fixed / 2 positions	Red thermoplastic	6 mm	Yes	-	-	-	-
200357	White	Fixed / 2 positions	Red thermoplastic	6 mm	Yes	Normally open	-	10 A	2 M6
200913	Metallic	«L» shape, removable in ON and OFF positions	Red thermoplastic	12 mm	No	-	-	-	-
201148	Metallic	High, removable in ON and OFF positions	Red thermoplastic	6 mm	Yes	-	-	-	-
201544	Metallic	Removable in ON and OFF positions	Red thermoplastic	12 mm	No	-	-	-	-

On request: specific technical demand can be studied

## ACCESSORIES (see «Spare parts» section)

HANDLE	TERMINAL INSULATION CAP
901 SERIES For P/N 200913	200392 900 SERIES Red 201010
901 SERIES For P/N 201148	200929 900 SERIES Black 202499
901 SERIES For P/N 201544	201134 TERMINAL HEIGHTENED 900 SERIES 200588

BATTERY MASTER SWITCH - MANUAL CONTROL  
DOUBLE POLE

# S295 SERIES



GLOBAL PRODUCT



## GENERAL CHARACTERISTICS

IP65
+85°C / -40°C
PBT glass filled
850g
M10

- Continuous rating 250 A
- Overload 2500 A (5 s)
- Ground & positive Cut-off

## PRODUCT SELECTION

P/N	HANDLE		TERMINALS			AUXILIARY CIRCUIT		
	TYPE	COLOR AND MATERIAL	LENGTH	SPACER ON TERMINALS	MATERIAL	TYPE	CONTINUOUS RATING	CONNECTION
200050	Fixed / 2 positions	Red thermoplastic	2 x 5 mm + 2 x 15 mm	Yes	Copper	D+	10 A	M6

On request: specific technical demand can be studied

## ACCESSORIES (see «Spare parts» section)

TERMINAL INSULATION CAP	TERMINAL HEIGHTENED
900 SERIES Red 201010	900 SERIES 200588
900 SERIES Black 202499	

## BATTERY MASTER SWITCH MANUAL CONTROL

### SINGLE POLE

	S10	19
	S20	20
	S30	22
	S50	23
	S100	24
	S130	26



# S10 SERIES



GLOBAL PRODUCT



## GENERAL CHARACTERISTICS

IP67	+80 °C -40 °C	PPO glass filled	150g	M10
Continuous rating 100 A				
Overload 500 A (10 s)				
Ground or positive Cut-off				

## PRODUCT SELECTION

P/N	PROTECTION DEGREE	HOMOLOGATION	TERMINALS MATERIAL	TYPE OF HANDLE	ACCESSORIES
201767	IP67	ISO 8846 / ISO 10133	Copper	Removable in OFF position	-
201768	IP67	ISO 8846 / ISO 10133	Copper	Removable in OFF position	Chain
201831	IP67	ISO 8846 / ISO 10133	Tin-plated copper	Removable in OFF position	Tin-plated nuts
203201	IP67	ISO 8846 / ISO 10133	Copper	Removable in OFF position	Chain and protection cap

On request: specific technical demand can be studied

## ACCESSORIES (see «Spare parts» section)

CHAIN	TERMINAL INSULATION CAP
900 SERIES 200894	900 SERIES Red 201010
RUBBER PROTECTION	TERMINAL HEIGHTENED
900 SERIES For P/N 203201 203243	900 SERIES Black 202499
HANDLE	900 SERIES 200588
901 SERIES For P/N 201767 - 201768 - 201831 - 203201 202474	

# S20 SERIES



GLOBAL PRODUCT

## GENERAL CHARACTERISTICS



Continuous rating 150 A

Overload 1000 A (5 s)

## VERSIONS

GROUND or POSITIVE CUT-OFF

IP54 until IP67

## OPTIONS

Auxiliary circuit



200021



200048



200801



# BATTERY MASTER SWITCH - MANUAL CONTROL SINGLE POLE

## S20 SERIES

### PRODUCT SELECTION

P/N	PROTECTION DEGREE	FINISH	HANDLE		HOMOLOGATION	POLARITY	TERMINALS LENGTH	AUXILIARY CIRCUIT		OPTIONS
			TYPE	COLOR AND MATERIAL				TYPE	TERMINALS SIZE	
200021	IP54	Metallic	Fixed / 2 positions	Red thermoplastic	-	+ CUT-OFF	4 mm	Normally open	6.35 PIN	-
200023	IP65	Metallic	Fixed / 2 positions	Black thermoplastic	ISO 8846	GND CUT-OFF	4 mm	-	-	-
200048	IP65	White	Fixed / 2 positions	Red thermoplastic	ISO 8846 / ISO 10133	+ CUT-OFF	4 mm	-	-	-
200049	IP65	White	Fixed / 2 positions	Black thermoplastic	ISO 8846	GND CUT-OFF	4 mm	-	-	-
200060	IP67	Metallic	Fixed / 2 positions	Metallic	ISO 8846 / ISO 10133	GND or + CUT-OFF	4 mm	-	-	-
200061	IP67	Metallic	Removable in OFF position	Metallic	ISO 8846 / ISO 10133	GND or + CUT-OFF	4 mm	-	-	-
200801	IP67	Metallic	Removable in OFF position	Metallic	ISO 8846 / ISO 10133	GND or + CUT-OFF	4 mm	-	-	Red protection cap
201363	IP65	Metallic	Fixed / 2 positions	Red thermoplastic	ISO 8846 / ISO 10133	+ CUT-OFF	4 mm	-	-	-
201540	IP65	Metallic	Fixed / 2 positions	Red thermoplastic	ISO 8846 / ISO 10133	+ CUT-OFF	13 mm	-	-	-
201543	IP65	Metallic	Fixed / 2 positions	Black thermoplastic	ISO 8846	GND CUT-OFF	13 mm	-	-	-
202740	IP67	Metallic	Removable in OFF position	Metallic	ISO 8846 / ISO 10133	GND or + CUT-OFF	13 mm	-	-	-
203185	IP67	Metallic	Removable in OFF position	Metallic	ISO 8846 / ISO 10133	GND or + CUT-OFF	4 mm	-	-	Black protection cap

On request: specific technical demand can be studied

### ACCESSORIES (see «Spare parts» section)

#### HANDLE

901 SERIES  
For P/N 200061 - 200801 - 202740

**200700**

901 SERIES  
For P/N 203185

**203186**

#### TERMINAL INSULATION CAP

900 SERIES  
Red

**201010**

900 SERIES  
Black

**202499**

#### TERMINAL HEIGHTENED

900 SERIES

**200588**

# S30 SERIES



GLOBAL PRODUCT

## GENERAL CHARACTERISTICS



IP68 IPX9K	+85°C -40°C	PA66 glass filled	190g
---------------	----------------	----------------------	------

Continuous rating 275 A

Overload 1250 A (10 s)

Ground or positive Cut-off

## PRODUCT SELECTION

P/N	FINISH	HANDLE		HOMOLOGATION	TERMINALS	
		TYPE	COLOR AND MATERIAL		LENGTH	MATERIAL
203253	Black	Removable in 3rd position «Padlock»	Yellow thermoplastic	ISO 8846	8,5 mm	Tin-plated copper
203260	White	Removable in 3rd position «Padlock»	Red thermoplastic	ISO 8846 / ISO 10133	8,5 mm	Tin-plated copper
203380	Black	Removable in 3rd position «Padlock»	Red thermoplastic	ISO 8846 / ISO 10133	8,5 mm	Tin-plated copper

On request: specific technical demand can be studied

## ACCESSORIES (see «Spare parts» section)

HANDLE	
901 SERIES Red	203085
901 SERIES Yellow	203252



# S50 SERIES



GLOBAL PRODUCT



203235



200027



202500

## GENERAL CHARACTERISTICS

IP68

+85°C  
-40°C

Zinc alloy

500g

M10

Continuous rating 300 A

Overload 3000 A (5 s)

Ground or positive Cut-off

## VERSIONS

FIXED or REMOVABLE HANDLE

## PRODUCT SELECTION

P/N	HANDLE		TERMINALS		OPTIONS
	TYPE	COLOR AND MATERIAL	LENGTH	MATERIAL	
200027	Removable in OFF position	Metallic	16 mm	Copper	-
200028	Removable in OFF position	Metallic	16 mm	Copper	Chain
200051	Removable in OFF position	Red metallic	16 mm	Copper	White finition
201900	Removable in OFF position	Metallic	16 mm	Copper	Chain + red protection cap
202252	Removable in OFF position	Red metallic	11 mm	Silver plated copper	White finition + red protection cap
202500	Removable in OFF position	Red metallic	16 mm	Copper	Chain
203235	Fixed / 2 positions	Red thermoplastic	16 mm	Tin-plated copper	-

On request: specific technical demand can be studied

## ACCESSORIES (see «Spare parts» section)

### HANDLE

901 SERIES  
For P/N 200027

200993

901 SERIES  
For P/N 200051

202511

901 SERIES  
For P/N 200028 - 201900

202633

901 SERIES  
For P/N 202500

202841

### TERMINAL INSULATION CAP

900 SERIES  
Red

201010

900 SERIES  
Black

202499

### CHAIN

900 SERIES

200894

# S100 SERIES



GLOBAL PRODUCT



200008



## GENERAL CHARACTERISTICS

IP66	+85 °C -40 °C	Zinc alloy	until 650g	M10
------	------------------	------------	------------	-----

Continuous rating 250 A

Overload 2500 A (5 s)

## VERSIONS

GROUND or POSITIVE CUT-OFF

FIXED HANDLE



200032



200043



## OPTIONS

Auxiliary circuit

## S100 SERIES

### PRODUCT SELECTION

P/N	FINISH	COLOR AND MATERIAL HANDLE	POLARITY	TERMINALS		AUXILIARY CIRCUIT				OPTION
				LENGTH	MATERIAL	TYPE	CONTINUOUS RATING	CONNECTION	ACCESSORIES	
200000	Metallic	Red thermoplastic	GND or + CUT-OFF	20 mm	Copper	Normally open	10 A	1 x 6,35	Shunt	
200001	Metallic	Red thermoplastic	GND CUT-OFF	7 mm	Copper	D+	10 A	1 M6	Shunt	
200006	Metallic	Red thermoplastic	GND or + CUT-OFF	20 mm	Copper	Normally open	10 A	2 x 6,35	-	
200008	Metallic	Red thermoplastic	GND or + CUT-OFF	10 mm	Copper	-	-	-	-	
200013	White	Red thermoplastic	GND or + CUT-OFF	10 mm	Copper	-	-	-	-	
200031	Metallic	Red thermoplastic	GND or + CUT-OFF	13 mm	Copper	Normally open	10 A	1 x 6,35	Shunt	
200032	Metallic	Red thermoplastic	GND or + CUT-OFF	8 mm	Copper	Normally open	10 A	2 x 6,35	-	Rubber protection
200033	Metallic	Red thermoplastic	GND or + CUT-OFF	13 mm	Copper	-	-	-	-	
200043	Metallic	Red metallic	GND or + CUT-OFF	10 mm	Copper	-	-	-	-	
200044	White	Red thermoplastic	GND or + CUT-OFF	20 mm	Copper	Normally open	10 A	1 x 6,35	Shunt	
201437	Metallic	Red thermoplastic	GND or + CUT-OFF	20 mm	Copper	D+	10 A	2 x 6,35	-	Rubber protection
202574	Metallic	Red thermoplastic	GND or + CUT-OFF	10 mm	Copper	-	-	-	-	Rubber protection

On request: specific technical demand can be studied

### ACCESSORIES (see «Spare parts» section)

#### TERMINAL INSULATION CAP

900 SERIES Red	<a href="#">201010</a>
900 SERIES Black	<a href="#">202499</a>

#### TERMINAL HEIGHTENED

900 SERIES	<a href="#">200588</a>
------------	------------------------

# S130 SERIES



GLOBAL PRODUCT



203117

## GENERAL CHARACTERISTICS

IP67	+85°C -30°C	PA66	until 335g	M10
------	----------------	------	------------	-----

Continuous rating 250 A

Overload 1000 A (5 s)

## VERSIONS

GROUND or POSITIVE CUT-OFF

RED or BLACK HANDLE

## OPTIONS

Auxiliary circuit

Double terminal

## PRODUCT SELECTION

P/N	WEIGHT	HANDLE		HOMOLOGATION	POLARITY	TERMINALS		AUXILIARY CIRCUIT	OPTION
		TYPE	COLOR AND MATERIAL			LENGTH	MATERIAL		
203117	270 g	Fixed / 2 positions	Red thermoplastic	ISO 8846 / ISO 10133	+ CUT OFF	16 mm	Silver plated copper	-	-
203137	330 g	Fixed / 2 positions	Black thermoplastic	ISO 8846	GND CUT-OFF	2 x 9 mm + 1 x 16 mm	Silver plated copper	-	Double terminals
203138	335 g	Fixed / 3 positions	Red thermoplastic	ISO 8846 / ISO 10133	+ CUT-OFF	2 x 9 mm + 1 x 16 mm	Silver plated copper	See table	Double terminals
203166	275 g	Fixed / 3 positions	Red thermoplastic	ISO 8846 / ISO 10133	+ CUT-OFF	16 mm	Silver plated copper	See table	-
203303	330 g	Fixed / 2 positions	Red thermoplastic	ISO 8846	+ CUT-OFF	2 x 9 mm + 1 x 16 mm	Silver plated copper	-	Double terminals
203381	270 g	Fixed / 2 positions	Black thermoplastic	ISO 8846	GND CUT-OFF	16 mm	Silver plated copper	-	-

On request: specific technical demand can be studied

AUXILIARY CIRCUIT	
Type	On in OFF position
Continuous rating	10 A

	OFF position	AUX position	ON position
Power circuit	0	0	1
Auxiliary circuit	0	1	1

## ACCESSORIES (see «Spare parts» section)

### TERMINAL HEIGHTENED

900 SERIES **200588**

### TERMINAL INSULATION CAP

900 SERIES Red **201010**

900 SERIES Black **202499**

## POWER RELAY NORMALLY OPEN

# S500 SERIES



GLOBAL PRODUCT



## GENERAL CHARACTERISTICS

IP65

+80°C  
-30°C

Steel

550g

M8

Continuous rating 100 A

Overload until 600 A (5 s)

Ground or positive Cut-off

Load switch power: 50 A max

Terminals: 6 mm / Silver plated copper

## VERSIONS

12 V or 24 V

0.4 A to 0.7 A current consumption

## PRODUCT SELECTION

P/N	SECONDARY CONTROL	VOLT	FINISH	OVERLOAD	TERMINALS		CONTROL CIRCUIT CONNECTION	CURRENT CONSUMPTION	TEMPORARY USE (4h max)
					LENGTH	MATERIAL			
201470	-	24 V	Black	500 A (5 s)	6 mm	Copper	2 x M5 studs	0.6 A	130 A
201480	-	12 V	Black	500 A (5 s)	6 mm	Copper	2 x M5 studs	0.5 A	150 A
201570	Manual control	24 V	Black	500 A (5 s)	6 mm	Copper	2 x M5 studs	0.5 A	150 A
201640	-	12 V	Black	600 A (5 s)	6 mm	Copper	2 x M5 studs	0.7 A	Permanent use
201660	-	24 V	Black	600 A (5 s)	6 mm	Copper	2 x M5 studs	0.4 A	Permanent use
202540	-	24 V	Black	600 A (5 s)	6 mm	Copper	2 x M5 studs	0.4 A	Permanent use

On request: specific technical demand can be studied

## SWITCH AND BUTTON PUSH BUTTONS AND SWITCHES



# SWITCH AND BUTTON PUSH BUTTON

## S700 SERIES



GLOBAL PRODUCT



### GENERAL CHARACTERISTICS

IP65

+85 C  
-40 C

PA6  
Glass  
reinforced

40g

Continuous rating 7 A

Overload until 25 A (10 s)

#### To use with:

**S250** 202301 - 202312 - 202313 - 202314 - 202315 - 202316 -  
202317 - 203402 - 203403 - 202595 - 202596 - 202597 -  
202598 - 202637 - 202638 - 202639 - 202640

### PRODUCT SELECTION

P/N	NUMBER OF POLES	FINISH	AUXILIARY CIRCUIT
202170	Single pole	Red & Black	Normally open

On request: specific technical demand can be studied

### ACCESSORIES (see «Spare parts» section)

#### CABLING KIT

S713 SERIES  
4-Pin DIN connector

202326





5 A

# SWITCH AND BUTTON ROTARY SWITCH

## S701 SERIES



GLOBAL PRODUCT



### GENERAL CHARACTERISTICS

IP65  
IPX9K

+80 °C  
-40 °C

PA6  
Glass  
reinforced

100g

Continuous rating 5 A

250254

To use with:

<b>S200</b>	200358 - 200359 - 200439 - 200686 - 200735 - 200819 - 200820 - 200822 - 200824 - 201217 - 201245 - 201766 - 201926 - 202072 - 202136 - 202159
<b>S220</b>	203105 - 203106 - 203254 - 203255
<b>S250</b>	202310 - 202311 - 202319 - 202636 - 202680 - 202698 - 202734 - 202800 - 202976 - 203035

### PRODUCT SELECTION

P/N	TYPE	FINISH	NUMBER OF POLES	ACCESSORIES	TERMINALS	CONNECTION
202590	Inverser	Red and black	Double pole	Yellow plate	Tin-plated copper	ISO 15170 / DIN 72585
250254	Normally open	Red and black	Single pole	Yellow plate	Tin-plated copper	ISO 15170 / DIN 72585

On request: specific technical demand can be studied

### ACCESSORIES (see «Spare parts» section)

#### CABLING KIT

S713 SERIES  
4-Pin DIN femal connector

202326

BATTERY SWITCH  
ELECTRICAL CONTROL

BATTERY SWITCH  
MANUAL CONTROL

POWER RELAY

SWITCH AND BUTTON

ACCESSORIES AND  
SPARE PARTS

# S702 SERIES



GLOBAL PRODUCT

## GENERAL CHARACTERISTICS

IP66
+85°C  
-30°C
PPO  
Glass  
reinforced
150g
M8

Continuous rating 150 A

Overload until 500 A (10 s)



## PRODUCT SELECTION

P/N	MARKING	FINISH	NUMBER OF POLES	ACCESSORIES
201601	French	Red and black	Single pole	Yellow plate
201859	English	Red and Black	Single pole	Yellow plate

On request: specific technical demand can be studied

## ACCESSORIES AND SPARE PARTS

---

HANDLES AND ACCESSORIES .....	34
CONNECTION .....	41

# 901 SERIES



HANDLE 200392

COLOR	MATERIAL
Red	Thermoplastic

To use with:  
**S190** 200913



HANDLE 200700

COLOR	MATERIAL
Metallic	Zinc alloy

To use with:  
**S20** 200061 - 200801 - 202740



HANDLE 200929

COLOR	MATERIAL
Red	Thermoplastic

To use with:  
**S100** 200004 - 200011 - 201148

# 901 SERIES



HANDLE 200993

COLOR	MATERIAL
Metallic	Zinc alloy

To use with:  
**S50** 200027



HANDLE 201134

COLOR	MATERIAL
Red	Thermoplastic

To use with:  
**S190** 201544



HANDLE 202474

COLOR	MATERIAL
Red	Thermoplastic

To use with:  
**S10** 201767 - 201768 - 201831 - 202365 - 203201

# 901 SERIES



HANDLE (with chain) 202633

COLOR	MATERIAL
Metallic	Zinc alloy

To use with:  
**S50** 200028 - 201900



HANDLE 202511

COLOR	MATERIAL
Red	Zinc alloy

To use with:  
**S50** 200051



HANDLE (with chain) 202841

COLOR	MATERIAL
Red	Zinc alloy

To use with:  
**S50** 202500

# 901 SERIES



## HANDLE

P/N	COLOR	MATERIAL
203085	Red	Thermoplastic
203252	Yellow	Thermoplastic

### To use with:

**S30** 203253 - 203260 - 203380



## HANDLE (with rubber protection)

203186

COLOR	MATERIAL
Metallic	Zinc alloy

### To use with:

**S20** 203185

# 900 SERIES



PROTECTION CAP 200802

COLOR	MATERIAL
Red	PVC

To use with:	
<b>S9</b>	202373
<b>S20</b>	200061 - 200062 - 200801 - 202740 - 203185
<b>S50</b>	200027 - 200028 - 201900 - 202500



CHAIN 200894

COLOR	MATERIAL
Metallic	Steel

To use with:	
<b>S10</b>	201768 - 203201
<b>S50</b>	200028 - 201900 - 202500



RUBBER BOOT 201549

COLOR	MATERIAL
Black	PVC

To use with:	
<b>S20</b>	200061 - 200062 - 200801 - 202740 - 203185



# ACCESSORIES AND SPARE PARTS

## HANDLES AND ACCESSORIES

# 900 SERIES



PROTECTION CAPS 201898

COLOR	MATERIAL
Red	PVC

To use with:  
**S50** 200027 - 200028 - 201900 - 202500



RUBBER BOOT 201899

COLOR	MATERIAL
Red	PVC

To use with:  
**S50** 200027 - 200028 - 201900 - 202500



INSULATION PLATE

P/N	COLOR	MATERIAL
203088	Black	PA66
203249	Yellow	PA66
203259	White	PA66

To use with:  
**S30** 203250 - 203253 - 203260 - 203380

# 900 SERIES



PROTECTION CAP 203243

COLOR	MATERIAL
Red	PVC

To use with:  
**S20** 200061 - 200062 - 200801 - 202740 - 203185



RUBBER BOOT 500123

COLOR	MATERIAL
Red	PVC

To use with:  
**S20** 200061 - 200062 - 200801 - 202740 - 203185

# 713 SERIES



### CABLING KIT

202326

4-Pin DIN connector

#### To use with:

**S700** 202170

**S701** 250254



### CABLING KIT

250025

4-Pin Superseal connector

#### To use with:

**S220** 203105 - 203106 - 203254 - 203255



### CABLING KIT

250333

4-Pin DIN connector

#### To use with:

**S250** 202319 - 202636

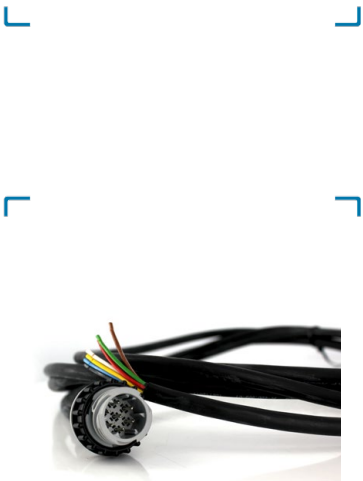


# 713 SERIES



**CABLING KIT** 250351  
2-Pin Superseal connector

To use with:  
**S250** 203035 - 202976



**CABLING KIT** 250352  
7-Pin DIN connector

To use with:  
**S250** 202595 - 202596 - 202597 - 202598 - 202637 - 202638 - 202639 - 202640

# 900 SERIES



TERMINALS HEIGHTENED

200588

COLOR	MATERIAL
Metallic	Brass

To use with:  
M10 terminals



TERMINALS INSULATION CAP

P/N	COLOR	MATERIAL
201010	Red	PVC
202499	Black	PVC

To use with:  
M10 terminals



BUSBAR

203213

TERMINALS SIZE	COLOR	MATERIAL
M8 x 3 (washers and nuts included)	Metallic	Tinned copper

To use with:  
S220





MA



[viatemis.com](http://viatemis.com)



YOUR EMBEDDED MECHATRONIC SOLUTIONS



**DCW**

D.C. Woodhead and Partners Limited  
Carlisle Drive - Pudsey - Leeds - LS28 8QS  
UNITED KINGDOM

**Tel: +44 (0) 113 257 2275**  
**E-mail: [info@dcwoodhead.com](mailto:info@dcwoodhead.com)**

Registered in England No 807649  
Registered Office: Adastra Works, Carlisle Drive, Pudsey. LS28 8QS



125 route de Paris  
03410 SAINT-VICTOR - France  
Tel : +33(0)4 70 08 26 00  
Tel : +33(0)4 70 08 26 20  
[contact@viatemis.com](mailto:contact@viatemis.com)