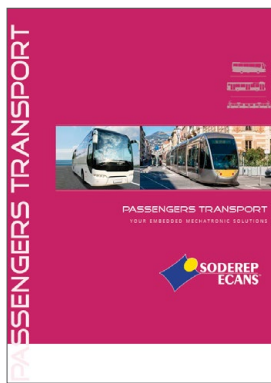


# PASSENGERS TRANSPORT

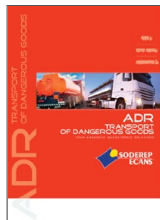
YOUR EMBEDDED MECHATRONIC SOLUTIONS



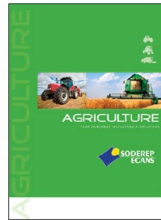
# OUR CATALOGS



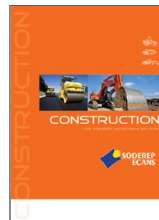
PASSENGERS TRANSPORT



ADR TRANSPORT OF DANGEROUS GOODS



AGRICULTURE



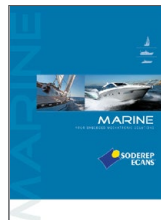
CONSTRUCTION



GOODS TRANSPORT



LIFTING & HANDLING EQUIPMENT



MARINE



QUARRYING & MINING



SPECIAL VEHICLES & MACHINERY



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# PASSENGERS TRANSPORT

## BATTERY MASTER SWITCH ELECTRICAL CONTROL

		BISTABLE
		SINGLE POLE
 <b>S220</b>	.....	4
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BATTERY MASTER SWITCH - ELECTRICAL CONTROL  
BISTABLE - SINGLE POLE

# 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 CUT-OFF 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  
2-Pin ISO 15170 / DIN 72585 **250254**

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)



300 A

# BATTERY MASTER SWITCH - ELECTRICAL CONTROL BISTABLE - SINGLE POLE

## 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 CUT-OFF or POSITIVE CUT-OFF

12 V or 24 V

### OPTIONS

Auxiliary circuit

Temporization

Low Voltage Monitoring (LVM)



202664



202598

### 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

BATTERY SWITCH  
ELECTRICAL CONTROL

BATTERY SWITCH  
MANUAL CONTROL

POWER RELAY

SWITCH AND BUTTON

ACCESSORIES AND  
SPARE PARTS



# BATTERY MASTER SWITCH - ELECTRICAL CONTROL

## BISTABLE - SINGLE POLE

# S250 SERIES

### PRODUCT SELECTION

MASTER										
P/N	VOLT	TERMINALS			POLARITY	AUXILIARY CIRCUIT	LVM	TEMPORIZATION	CONTROL TYPE	CONNECTION
		SIZE	LENGTH	MATERIAL						
202301	12 V	M10	13 mm	Copper	+ CUT-OFF	-	-	-	2 push buttons	3 wires
202306	12 V	M8	5 mm	Copper	+ CUT-OFF	-	-	-	ON-OFF	Yazaki connector
202310	24 V	M10	10 mm	Silver plated copper	+ CUT-OFF	Relay D+	-	-	ON-OFF	4 wires
202311	12 V	M10	10 mm	Silver plated copper	+ CUT-OFF	Relay D+	-	-	ON-OFF	4 wires
202316	24 V	M10	10 mm	Silver plated copper	+ CUT-OFF	Relay D+	-	-	2 push buttons	4 wires
202317	12 V	M10	10 mm	Silver plated copper	+ CUT-OFF	Relay D+	-	-	2 push buttons	4 wires
202319	24 V	M10	10 mm	Silver plated copper	+ CUT-OFF	D+	-	-	ON-OFF	4-Pin, DIN connector
202331	24 V	M8	5 mm	Copper	+ CUT-OFF	D+	-	-	ON-OFF	4 wires
202595	12 V	M10	10 mm	Silver plated copper	+ CUT-OFF	Relay control output for D+	60 sec	-	Monostable	7-Pin, DIN connector
202597	24 V	M10	10 mm	Silver plated copper	+ CUT-OFF	Relay control output for D+	60 sec	-	Monostable	7-Pin, DIN connector
202636	12 V	M10	10 mm	Silver plated copper	+ CUT-OFF	D+	-	-	ON-OFF	4-Pin, DIN connector
202637	12 V	M10	10 mm	Silver plated copper	+ CUT-OFF	Relay control output for D+	5 min	-	Monostable	7-Pin, DIN connector
202639	24 V	M10	10 mm	Silver plated copper	+ CUT-OFF	Relay control output for D+	5 min	-	Monostable	7-Pin, DIN connector
202698	12 V	M10	10 mm	Silver plated copper	+ CUT-OFF	D+	-	30 s	ON-OFF	4 wires
202800	24 V	M10	10 mm	Silver plated copper	GND CUT-OFF	Relay control output 200 mA	-	30 s	ON-OFF	5-Pin, Superseal connector
202976	12 V	M10	10 mm	Silver plated copper	GND CUT-OFF	-	-	30 s	ON-OFF	2-Pin, Superseal connector
203035	24 V	M10	10 mm	Silver plated copper	+ CUT-OFF	-	-	5 min	ON-OFF	2-Pin, Superseal connector

SLAVE										
P/N	VOLT	TERMINALS		POLARITY	AUXILIARY CIRCUIT	LVM	TEMPORIZATION	CONTROL TYPE	CONNECTION	
		LENGTH	MATERIAL							
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	

On request: specific technical demand can be studied

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

#### TERMINAL INSULATION CAP

900 SERIES **201010**  
Red

900 SERIES **202499**  
Black

#### TERMINAL HEIGHTENED

900 SERIES **200588**

#### CABLING KIT

713 SERIES **250351**  
2-Pin Superseal connector & wire

713 SERIES **250350**  
5-Pin Superseal connector & wire

713 SERIES **250333**  
4-Pin DIN connector

713 SERIES **250352**  
7-Pin DIN connector



300 A

# BATTERY MASTER SWITCH - ELECTRICAL CONTROL

## BISTABLE - SINGLE POLE

# S260 SERIES



GLOBAL PRODUCT



202710

### GENERAL CHARACTERISTICS

IP67 IPX9K	+85°C -40°C	PBT glass filled	850 g	M10
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Continuous rating 300 A
Overload 1500 A (15 s)
Temporization 2.5 s
Positive Cut-off

### VERSIONS

12 V or 24 V

### PRODUCT SELECTION

P/N	VOLT	TERMINALS		AUXILIARY CIRCUIT		TEMPORIZATION	CONNECTION	CONTROL TYPE
		LENGTH	MATERIAL	TYPE	CONTINUOUS RATING			
202710	24 V	12 mm	Silver plated copper	D+	300 mA	2.5 s	7-Pin DIN type connector	ON-OFF
202712	12 V	12 mm	Silver plated copper	D+	300 mA	2.5 s	7-Pin DIN type connector	ON-OFF

On request specific technical demand can be studied

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



**ON-OFF SWITCH**  
S701 SERIES **202556**  
4-Pin ISO 15170 / DIN 72585

To use with:

All the S260 SERIES

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

**CABLING KIT**  
713 SERIES **250352**  
7-Pin DIN connector with 3m length cable

**TERMINAL INSULATION CAP**  
900 SERIES **201010**  
Red

900 SERIES **202499**  
Black

**TERMINAL HEIGHTENED**  
900 SERIES **200588**

BATTERY SWITCH  
ELECTRICAL CONTROL

BATTERY SWITCH  
MANUAL CONTROL

POWER RELAY

SWITCH AND BUTTON

ACCESSORIES AND  
SPARE PARTS



# PASSENGERS TRANSPORT

BATTERY MASTER SWITCH  
ELECTRICAL CONTROL

MONOSTABLE

SINGLE POLE



S200

10

# S200 SERIES



GLOBAL PRODUCT



## GENERAL CHARACTERISTICS

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



## 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	SPACER ON TERMINALS	TYPE	CONNECTION	ACCESSORIES	
200358	12 V	Black	1260 g	M10	8 mm	Copper	No	-	-	-	«U» shape bracket
200359	24 V	Black	1260 g	M10	8 mm	Copper	No	-	-	-	«U» shape bracket
200439	24 V	Metallic	960 g	M10	7 mm	Copper	Yes	Normally open	2 x M5	-	-
200686	12 V	Metallic	960 g	M10	7 mm	Copper	No	-	-	-	-
200735	12 V	Metallic	960 g	M10	7 mm	Copper	No	D+	2 x M5	Shunt	-
200819	24 V	Metallic	1400 g	M10 + M12	7 mm	Copper	No	-	-	-	«U» shape bracket + blade adapter plate
200820	24 V	Metallic	960 g	M10	7 mm	Copper	No	-	-	-	-
200822	12 V	Metallic	1400 g	M10 + M12	7 mm	Copper	No	-	-	-	«U» shape bracket + blade adapter plate
200824	24 V	Metallic	1400 g	M10 + M12	7 mm	Copper	No	D+	2 x M5	Shunt	«U» shape bracket + blade adapter plate
201217	24 V	Metallic	1260 g	M10	14 mm	Copper	Yes	-	-	-	«U» shape bracket
201245	24 V	Metallic	960 g	M10	7 mm	Copper	Yes	D+	2 x M5	Shunt	-
201766	24 V	Metallic	960 g	M10	22 mm	Copper	No	-	-	-	-
201926	24 V	Metallic	960 g	M10	14 mm	Copper	Yes	-	-	-	-
202072	24 V	Metallic	960 g	M10	7 mm	Copper	Yes	D+	2 x M5	Shunt	Protection diode
202136	12 V	Metallic	960 g	M10	7 mm	Copper	Yes	D+	2 x M5	Shunt	Protection diode
202159	24 V	Metallic	960 g	M10	22 mm	Copper	No	-	-	-	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**



# PASSENGERS TRANSPORT





BATTERY MASTER SWITCH  
MANUAL CONTROL

DOUBLE POLE



S190

14

# S190 SERIES



GLOBAL PRODUCT



200014

## GENERAL CHARACTERISTICS

IP65

+85 °C  
-40 °C

Zinc alloy

until 1200 g

M10

Continuous rating until 300 A

Overload 2500 A (5 s)

Ground or positive Cut-off

## OPTIONS

Auxiliary circuit

## PRODUCT SELECTION

P/N	CONTINUOUS RATING	WEIGHT	HANDLE		TERMINALS			AUXILIARY CIRCUIT			
			TYPE	COLOR AND MATERIAL	LENGTH	MATERIAL	SPACER OF TERMINALS	TYPE	ACCESSORIES	CONTINUOUS RATING	CONNECTION
200014	250 A	1100 g	Fixed / 2 positions	Red thermoplastic	6 mm	Copper	Yes	D+	Shunt	10 A	1 x M6
200015	250 A	1100 g	Fixed / 2 positions	Red thermoplastic	12 mm	Copper	No	-	-	-	-
200018	250 A	1100 g	Fixed / 2 positions	Red thermoplastic	6 mm	Copper	Yes	Normally open	Shunt	10 A	1 x M6
200019	250 A	1100 g	Fixed / 2 positions	Red thermoplastic	6 mm	Copper	Yes	Normally open	-	10 A	2 x M6
200034	250 A	1100 g	Fixed / 2 positions	Red thermoplastic	15 mm	Copper	No	-	-	-	-
200232	250 A	1200 g	Fixed / 2 positions	Red thermoplastic	6 mm	Copper	Yes	-	-	-	-
200913	250 A	1110 g	«L» shape, removable in ON and OFF positions	Red thermoplastic	12 mm	Copper	No	-	-	-	-
201148	250 A	1150 g	High, removable in ON and OFF positions	Red thermoplastic	6 mm	Copper	Yes	-	-	-	-
201544	250 A	1100 g	Removable in ON and OFF positions	Red thermoplastic	12 mm	Copper	No	-	-	-	-
203098	300 A	1100 g	Fixed / 2 positions	Red thermoplastic	12 mm	Tin-plated copper	No	-	-	-	-

On request: specific technical demand can be studied



# BATTERY MASTER SWITCH - MANUAL CONTROL

## DOUBLE POLE

# S190 SERIES

### ACCESSORIES (see Spare parts)

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 SWITCH  
ELECTRICAL CONTROL

BATTERY SWITCH  
MANUAL CONTROL

POWER RELAY

SWITCH AND BUTTON





ACCESSORIES AND  
SPARE PARTS

# PASSENGERS TRANSPORT



## BATTERY MASTER SWITCH MANUAL CONTROL

### SINGLE POLE

 <b>S9</b>	18
 <b>S10</b>	19
 <b>S20</b>	20
 <b>S30</b>	22
 <b>S50</b>	23
 <b>S100</b>	24

BATTERY MASTER SWITCH - MANUAL CONTROL  
SINGLE POLE

S9 SERIES



GLOBAL PRODUCT



GENERAL CHARACTERISTICS

IP43
+80 °C  
-40 °C
Anodized Aluminium
200 g
M10

Continuous rating 100 A

Overload 500 A (10 s)

Ground or positive Cut-off

PRODUCT SELECTION

P/N	HANDLE		TERMINALS	
	TYPE	COLOR AND MATERIAL	LENGTH	MATERIAL
202373	Key removable in ON and OFF position	Red thermoplastic and steel key	10 mm	Copper

On request: specific technical demand can be studied

ACCESSORIES (see «Spare parts» section)

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

PROTECTION CAPS	
900 SERIES	201898



# S10 SERIES



GLOBAL PRODUCT



## GENERAL CHARACTERISTICS

IP67 IP41	+80 °C -40 °C	PPO glass filled	150 g	M10
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- Continuous rating 100 A
- Overload 500 A (10 s)
- Ground or positive Cut-off

## VERSIONS

IP67 or IP41

## OPTIONS

Homologation

## 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
202365	IP41	-	Copper	Removable in OFF position	-
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 <b>200894</b>	900 SERIES Red <b>201010</b>
RUBBER PROTECTION	900 SERIES Black <b>202499</b>
900 SERIES <b>203243</b>	TERMINAL HEIGHTENED
HANDLE	900 SERIES <b>200588</b>
901 SERIES <b>202474</b>	
For P/N 201767 - 201768 - 201831 - 202635 - 203201	

# S20 SERIES



GLOBAL PRODUCT



200057

## GENERAL CHARACTERISTICS



Continuous rating 150 A

Overload 1000 A (5 s)

## VERSIONS

GROUND CUT-OFF or POSITIVE CUT-OFF

## OPTIONS

Homologation

Auxiliary circuit



200048



200801



# BATTERY MASTER SWITCH - MANUAL CONTROL

## SINGLE POLE

# S20 SERIES

### PRODUCT SELECTION

P/N	PROTECTION DEGREE	FINISH	HANDLE		HOMOLOGATION	POLARITY	TERMINALS		AUXILIARY CIRCUIT		OPTION
			TYPE	COLOR AND MATERIAL			LENGTH	MATERIAL	TYPE	TERMINALS SIZE	
200021	IP54	Metallic	Fixed / 2 positions	Red thermoplastic	-	+ CUT-OFF	4 mm	Copper	Normally open	6.35 PIN	-
200023	IP65	Metallic	Fixed / 2 positions	Black thermoplastic	ISO 8846	GND CUT-OFF	4 mm	Copper	-	-	-
200048	IP65	White	Fixed / 2 positions	Red thermoplastic	ISO 8846 / ISO 10133	+ CUT-OFF	4 mm	Copper	-	-	-
200049	IP65	White	Fixed / 2 positions	Black thermoplastic	ISO 8846	GND CUT-OFF	4 mm	Copper	-	-	-
200057	IP40	Metallic	Fixed / 2 positions	Metallic	-	GND or + CUT-OFF	4 mm	Copper	Changeover switch	6.35 PIN	-
200060	IP67	Metallic	Fixed / 2 positions	Metallic	ISO 8846 / ISO 10133	GND or + CUT-OFF	4 mm	Copper	-	-	-
200061	IP67	Metallic	Removable in OFF position	Metallic	ISO 8846 / ISO 10133	GND or + CUT-OFF	4 mm	Copper	-	-	-
200801	IP67	Metallic	Removable in OFF position	Metallic	ISO 8846 / ISO 10133	GND or + CUT-OFF	4 mm	Copper	-	-	Red protection cap
201363	IP65	Metallic	Fixed / 2 positions	Red thermoplastic	ISO 8846 / ISO 10133	+ CUT-OFF	4 mm	Copper	-	-	-
201540	IP65	Metallic	Fixed / 2 positions	Red thermoplastic	ISO 8846 / ISO 10133	+ CUT-OFF	13 mm	Copper	-	-	-
201543	IP65	Metallic	Fixed / 2 positions	Black thermoplastic	ISO 8846	GND CUT-OFF	13 mm	Copper	-	-	-
202740	IP67	Metallic	Removable in OFF position	Metallic	ISO 8846 / ISO 10133	GND or + CUT-OFF	13 mm	Copper	-	-	-
203185	IP67	Metallic	Removable in OFF position	Metallic	ISO 8846 / ISO 10133	GND or + CUT-OFF	4 mm	Copper	-	-	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**

BATTERY MASTER SWITCH - MANUAL CONTROL  
SINGLE POLE

S30 SERIES



GLOBAL PRODUCT

GENERAL CHARACTERISTICS



203380



203250



203260

IP68 IPX9K	+85°C -40°C	PA66 glass filled	190 g	M10
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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
203250	Yellow	Removable in 3rd position «Padlock»	Red thermoplastic	ISO 8846 / ISO 10133	8,5 mm	Tin-plated copper
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	TERMINAL INSULATION CAP
901 SERIES Red <b>203085</b>	900 SERIES Red <b>201010</b>
901 SERIES Yellow <b>203252</b>	900 SERIES Black <b>202499</b>
INSULATION PLATE	TERMINAL HEIGHTENED
900 SERIES Yellow <b>203249</b>	900 SERIES <b>200588</b>
900 SERIES White <b>203259</b>	
900 SERIES Black <b>203088</b>	

# S50 SERIES



GLOBAL PRODUCT



203235



200027

### 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	FINISH	HANDLE		TERMINALS		POWER DROP	OPTION
		TYPE	COLOR AND MATERIAL	LENGTH	MATERIAL		
200027	Metallic	Removable in OFF position	Metallic	16 mm	Copper	50 mV max at 300 A	-
200028	Metallic	Removable in OFF position	Metallic	16 mm	Copper	50 mV max at 300 A	Chain
201900	Metallic	Removable in OFF position	Metallic	16 mm	Copper	50 mV max at 300 A	Chain + red protection cap
202500	Metallic	Removable in OFF position	Red metallic	16 mm	Copper	50 mV max at 300 A	Chain
203235	Black	Fixed / 2 positions	Red thermoplastic	16 mm	Tin-plated copper	-	-

On request: specific technical demand can be studied

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

HANDLE	TERMINAL INSULATION CAP
901 SERIES For P/N 200027 <b>200993</b>	900 SERIES Red <b>201010</b>
901 SERIES For P/N 200028 / 201900 <b>202633</b>	900 SERIES Black <b>202499</b>
901 SERIES For P/N 202500 <b>202841</b>	TERMINAL HEIGHTENED 900 SERIES <b>200588</b>

# S100 SERIES



GLOBAL PRODUCT



200008



## GENERAL CHARACTERISTICS

IP66	+85 °C -40 °C	Zinc alloy	until 650 g	M10
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Continuous rating 250 A

Overload 2500 A (5 s)

## VERSIONS

GROUND CUT-OFF or POSITIVE CUT-OFF

FIXED or REMOVABLE HANDLE

## OPTIONS

Auxiliary circuit



200010



200033





# S100 SERIES

### PRODUCT SELECTION

P/N	FINISH	HANDLE		POLARITY	TERMINALS		AUXILIARY CIRCUIT			OPTION
		TYPE	COLOR AND MATERIAL		LENGTH	MATERIAL	TYPE	CONTINUOUS RATING	CONNECTION	
200000	Metallic	Fixed / 2 positions	Red thermoplastic	GND or + CUT-OFF	20 mm	Copper	Normally open	10 A	1 x 6.35 + shunt	
200001	Metallic	Fixed / 2 positions	Red thermoplastic	GND CUT-OFF	7 mm	Copper	D+	10 A	1 M6 + shunt	
200004	Metallic	Removable in OFF position	Red thermoplastic	GND or + CUT-OFF	7 mm	Copper	D+	10 A	1 M6 + shunt	
200006	Metallic	Fixed / 2 positions	Red thermoplastic	GND or + CUT-OFF	20 mm	Copper	Normally open	10 A	2 x 6.35	
200007	Metallic	Fixed / 2 positions	Red thermoplastic	GND or + CUT-OFF	21 mm	Copper	Normally open	10 A	1 x 6.35 + shunt	Protection flap
200008	Metallic	Fixed / 2 positions	Red thermoplastic	GND or + CUT-OFF	10 mm	Copper	-	-	-	
200010	Black	Fixed / 2 positions	Red thermoplastic	GND CUT-OFF	10 mm	Copper	-	-	-	
200011	Metallic	Removable in OFF position	Red thermoplastic	GND or + CUT-OFF	10 mm	Copper	-	-	-	
200012	Metallic	Fixed / 2 positions	Red thermoplastic	GND or + CUT-OFF	13 mm	Copper	-	-	-	Protection flap
200031	Metallic	Fixed / 2 positions	Red thermoplastic	GND or + CUT-OFF	13 mm	Copper	Normally open	10 A	1 x 6.35 + shunt	
200032	Metallic	Fixed / 2 positions	Red thermoplastic	GND or + CUT-OFF	8 mm	Copper	Normally open	10 A	2 x 6.35	Rubber protection
200033	Metallic	Fixed / 2 positions	Red thermoplastic	GND or + CUT-OFF	13 mm	Copper	-	-	-	
200043	Metallic	Fixed / 2 positions	Red metallic	GND or + CUT-OFF	10 mm	Copper	-	-	-	
201437	Metallic	Fixed / 2 positions	Red thermoplastic	GND or + CUT-OFF	20 mm	Copper	D+	10 A	2 x 6.35	Rubber protection
202574	Metallic	Fixed / 2 positions	Red thermoplastic	GND or + CUT-OFF	10 mm	Copper	-	-	-	Rubber protection

On request: specific technical demand can be studied

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

HANDLE	TERMINAL INSULATION CAP
901 SERIES For P/N 200004 - 200011	200929
	900 SERIES Red
	201010
	900 SERIES Black
	202499
	TERMINAL HEIGHTENED
	900 SERIES
	200588



PASSENGER TRANSPORT



## 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

## 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 - 202316 - 202317 - 202595 - 202597 - 202637  
202639

### 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



# 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

**S200** 202556 To use with:  
202710 - 202712

**S220** 250254 To use with:  
200358 - 200359 - 200439 - 200686 - 200735 - 200819  
200820 - 200822 - 200824 - 201217 - 201245 - 201484  
201497 - 201766 - 201926 - 202072 - 202136 - 202159  
**S250** 203105 - 203106 - 203254 - 203255  
202310 - 202311 - 202319 - 202636 - 202664 - 202665  
202698 - 202800 - 202976 - 203035

### PRODUCT SELECTION

P/N	TYPE	FINISH	NUMBER OF POLES	ACCESSORIES	TERMINALS	CONNECTION
202556	Normally open	Red and black	Double pole	Yellow plate	Tin-plated copper	ISO 15170 / DIN 72585
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 **202326**  
4-Pin DIN connector

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 130 A

Overload until 500 A (10 s)

To use with:

**S200** 200358 - 200359 - 200439 - 200686 - 200735 - 200819  
200820 - 200822 - 200824 - 201217 - 201245 - 201484  
201497 - 201766 - 201926 - 202072 - 202136 - 202159

## 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

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ACCESSORIES AND SPARE PARTS  
HANDLES AND ACCESSORIES

# 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

ACCESSORIES AND SPARE PARTS  
HANDLES AND ACCESSORIES

# 900 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

BATTERY SWITCH  
ELECTRICAL CONTROL

BATTERY SWITCH  
MANUAL CONTROL

POWER RELAY

SWITCH AND BUTTON

ACCESSORIES AND  
SPARE PARTS

ACCESSORIES AND SPARE PARTS  
HANDLES AND ACCESSORIES

# 900 SERIES



HANDLE (with chain) 202633

COLOR	MATERIAL
Metallic	Zinc alloy

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



HANDLE (with chain) 202841

COLOR	MATERIAL
Red	Zinc alloy

To use with:  
**S50** 202500



HANDLE

P/N	COLOR	MATERIAL
203085	Red	Thermoplastic
203252	Yellow	Thermoplastic

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

# ACCESSORIES AND SPARE PARTS

## HANDLES AND ACCESSORIES

# 901 SERIES

BATTERY SWITCH  
ELECTRICAL CONTROL

BATTERY SWITCH  
MANUAL CONTROL

POWER RELAY

SWITCH AND BUTTON

ACCESSORIES AND  
SPARE PARTS



HANDLE (with rubber protection)

203186

COLOR	MATERIAL
Metallic	Zinc alloy

To use with:

**S50** 200027 - 200028 - 201900 - 202500

**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 PROTECTION 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 PROTECTION 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

ACCESSORIES AND SPARE PARTS  
HANDLES AND ACCESSORIES

# 900 SERIES



PROTECTION CAP 203243

COLOR	MATERIAL
Red	PVC

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



RUBBER PROTECTION 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** 202590 - 250254

**S250** 202323



## 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** **250350**  
5-Pin Superseal connector

To use with:  
**S250** 202323



**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 - 202597 - 202637 - 202639  
**S260** 202710 - 202712

ACCESSORIES AND SPARE PARTS  
CONNECTION

# 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



# PASSENGERS TRANSPORT





PASSENGERS TRANSPORT



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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