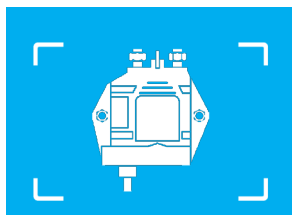




S 220 SERIES

ELECTRICAL CONTROL

- 200 A CONTINUOUS RATING ●
- WATERPROOF PROTECTION & COMPACT HOUSING ●
- POSITIVE OR NEGATIVE CUT-OFF ●
- CONFIGURABLE OPENING DELAY ●



S 220 SERIES

BATTERY MASTER SWITCH

TECHNICAL DATA

MAIN CHARACTERISTICS

Rated voltage	12 V / 24 V
Temperature range	- 40 to +85 °C
Protection degree (ISO 20653)	IP67 / IPX9K
Housing material	PBT reinforced
Flame retardant	V0
Weight	< 700 g
Compliant with directive	REACH/ELV 2000/53/EC

POWER CIRCUIT

Continuous rating	200 A
Overload	800 A (10 s)
Max DC voltage	16 V / 32 V
Temporization (opening delay)	15 s (wiring option)
Terminals size	M8
Contact resistance	<1 mΩ
Terminals length	6 mm
Tightening torque	12N.m±0.2
Terminals material	silver plated copper

CONTROL CIRCUIT

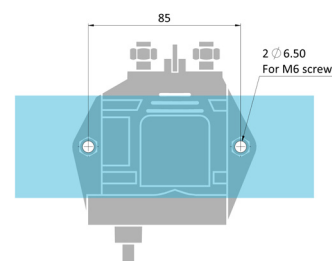
Voltage range	10.5 - 16 V / 18 - 32 V
Control signal	ON / OFF (1/0)
Switching current	17 A - 24 V or 10 A - 12 V (200 ms)
Idle current in OFF position	<1mA
Connector	4-pin TYCO Superseal

AUXILIARY CIRCUIT

Type of circuit	LED control
Continuous rating	12 W (1A-12V / 0.5 A-24 V)



MOUNTING INTERFACE



Screwing torque M6 : 10N.m±10%

ACCESSORIES



250025
713 SERIES

Cabling kit
4-Pin Superseal connector
& wire



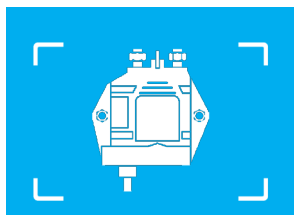
250254
S701 SERIES

Control switch
2 or 4-Pin ISO 15170 / DIN 75585
electrical connection without
protection cover (non ADR application)



203213
722 SERIES

Busbar
3 M8 connectors
(washers & nuts included)



S 220 SERIES

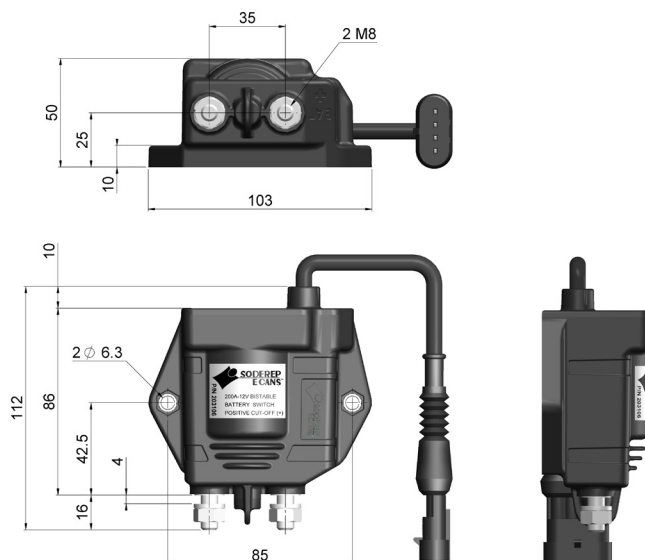
BATTERY MASTER SWITCH

PRODUCT SELECTION

P/N	VOLTAGE	POLARITY
203105	24 V	+ CUT-OFF
203106	12 V	+ CUT-OFF
203254	24 V	- CUT-OFF
203255	12 V	- CUT-OFF

On request: specific technical demand can be studied

DIMENSIONS

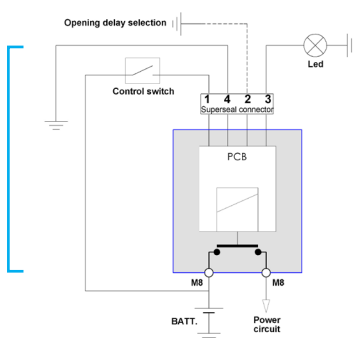


ELECTRICAL DIAGRAM

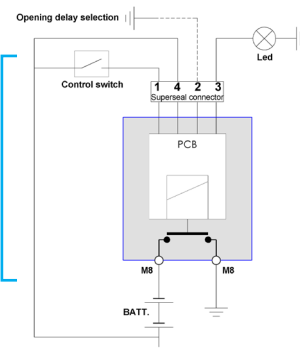
CONNECTIONS

- Pin 1 Control circuit input
- Pin 2 Opening delay input
- Pin 3 Led output
- Pin 4 GND +BATTERY
«BAT» (M8) + -

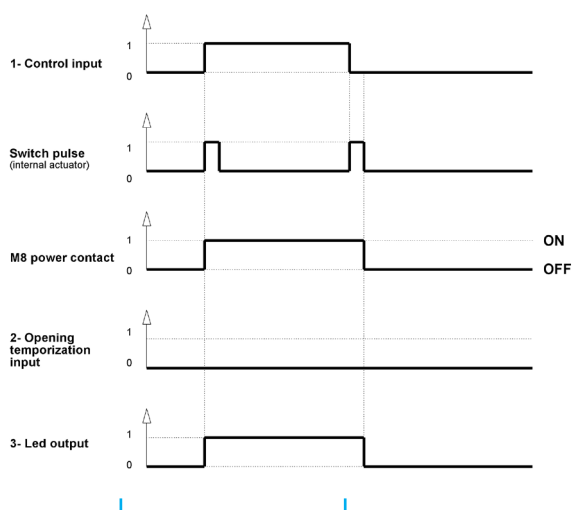
+ CUT-OFF



- CUT-OFF

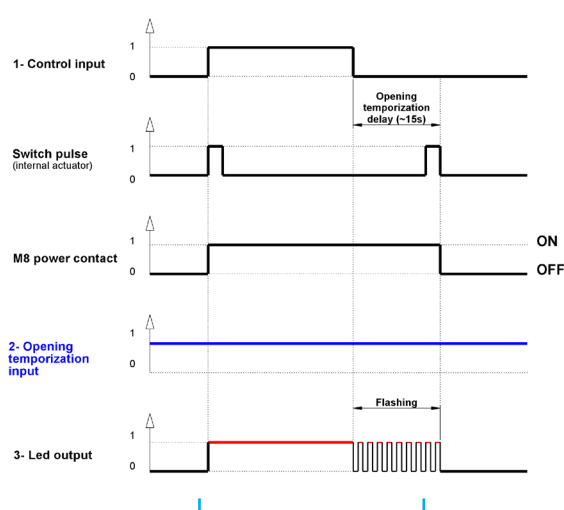


FUNCTIONING



OPENING DELAY FUNCTION DEACTIVATED

«Opening delay input» not connected



OPENING DELAY FUNCTION ACTIVATED

«Opening delay input» connected to ground



NOT SUITABLE FOR REGULAR SWITCHING UNDER LOAD