SAMLEX EUROPE® B.V.

12V/24V 160A

Smart Battery Separator

Model

BSWM 160
12/24V / 160 amps

Design features

- Works with 'old alternator' and the latest Euro 5/6 norm vehicles *)
- Voltage and motion detection (combination possible)
- Automatic detection of 12 and 24 V DC systems
- Bidirectional
- No voltage drop
- Microprocessor controlled
- Prevents excessive discharging of the starter battery
- Automotive E-mark ECE-R10 certified
- Waterproof (IP66) housing, gastight contacts
- Low standby current

Application examples *)

- Automotive/RV with load(s) on auxiliary battery
- Truck with 2 sets of batteries to supply power to separate loads
- Boat with starter battery and marine equipment on separate battery

*) Due to the lower charging voltages in Euro 5/6 vehicles, we recommend limiting the use of auxiliary batteries to lighter loads. For heavier applications, we advise using our Elogic booster/chargers for reliable performance.

2 YEAR LIMITED WARRANTY

MODEL NO.	BSWM 160
CURRENT	
CONTINUOUS SWITCHABLE CURRENT	160A
PEAK CURRENT (250 MSEC)	480A
STANDBY CURRENT (RELAY OPEN)	1.8mA (12V), 2.0mA (24V)
OPERATONAL VOLTAGE	
SUPPLY VOLTAGE	8 – 35V DC
START-ASSIST VOLTAGE	8 – 35V DC
ENGINE VIBRATIONS VOLTAGE	
ENGINE TYPE	EURO 5/6
CONNECT VOLTAGE	>11.8 or >23.6V DC
DISCONNECT VOLTAGE	<11.6 or <23.2V DC
CONVENTIONAL MODE SWITCHING VOLTAGE	
ENGINE TYPE	'old alternator', EURO 4 or older
CONNECT VOLTAGE	>13.2 or >26.4V DC
DISCONNECT VOLTAGE	<12.8 or <25.6V DC
CONNECTIONS	
BATTERY CONNECTIONS	M8 bolts
START, CONFIGURE, MINUS CONTACT	6.3mm Faston
COMPLIANCE	
EMC STANDARD	EN61000-6-2 EN61000-6-3
AUTOMOTIVE, E-MARK	ECE-R10
RoHS	RoHS directive 2011/65/EU

NOTE: Specifications are subject to change without notice

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MODEL NO.	BSWM 160
HOUSING	
IP Code	IP66
HOUSING MATERIAL	PU552
COOLING CONCEPT	CONVECTION AND CONDUCTION
DIMENSIONS AND WEIGHT	
DIMENSIONS (L X W X H)	108 x 72 x 58 mm
WEIGHT	0.47 kg

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