

RED FLASH™

Low Voltage Disconnect

The Red Flash Low Voltage disconnect is a solid-state device that will protect batteries from damage and help extend life by preventing over-discharge. The unit monitors battery voltage and will disconnect equipment when this voltage falls below a programmable pre-set voltage. It can also work to disconnect auxiliary loads ensuring sufficient battery capacity is available for other needs, such as starting an engine or powering critical equipment.

Benefits

- Wide operating voltage
- Fully programmable
- Solid-state technology
- IP65 environmental protection
- LED indication
- 3 point mounting for installation on uneven surfaces



Applications

- Emergency Service Vehicles
- Solar & Wind Installations
- Marine Systems
- Defence Vehicles
- Telecommunications



www.dmstech.co.uk

Belbins Business Park, Cupernham Lane, Romsey, Hampshire, SO51 7JF, UK
+44(0)1794 525400 sales@dmstech.co.uk

Low Voltage Disconnect

Specifications

		10A	20A	40A	60A	100A	200A
Continuous Current Rating		10A	20A	40A	60A	100A	200A
Peak Current Rating	10s	11A	22A	44A	66A	110A	220A
	1s	20A	40A	60A	120A	200A	400A
Voltage Range		9 – 32VDC (Automatic Sensing)					
Maximum Voltage Drop		100mV					
Disconnected Quiescent Current (typ @ 13.6V)		2mA	4mA	6mA			
Dimensions (mm) LxWxH		155 x 30 x 15		76 x 78 x 33		124 x 97 x 51	
Weight (g)		45		155		530	
Operating Temperature		-25 to +60°C					
Environmental protection		IP65					
Connections (for details see diagram below)	1, 2	6.3mm Blade	M6 Stud	M10 Stud			
	5,6,7	6.3mm blade for earth, program, switch & alarm					
Safety Features		Over Current Over Temperature					
Approvals and Standards		CE Marked					
		ISO7637-2					
		ISO10605					
		ISO14892					
		2004/108/EC					

DMS technologies reserves the right to change the product specification without prior notice

1	Input Positive
2	Output Positive
3	Program Connector
4	Function LED
5	Alarm Connection
6	Ground
7	Switch Output
8	Battery
9	Load
10	On/Off Switch
11	Alarm
12	3 x Fixing Points
13	Optional Ignition Based Switch (To replace 10)

