Electronic Battery Isolator

#EBI12100A

www.intervolt.com



Momentary rocker switch to suit P/N. EBI12RS



DESCRIPTION

12V DC, 100A continous rating electronic battery isolator. 500A peak rating over 5 seconds. Features clear LED status display, dual sensing, overload and over temperature protection.

TECHNICAL SPECIFICATIONS

Design Application	• 12V DC motor vehicles
Operating Voltage	• 8 - 17V DC nominal
Cont. Contact Rating	• 100A @ 60°C ambient
Peak Current Rating	• 500A for 5 seconds at 10% duty cycle
Electronic Protection	• Thermal overload shutdown – auto reset • Electrical overload shutdown – auto reset • Under voltage disconnect – auto reconnect • Over voltage disconnect – auto reconnect
Device Current Draw	• In 'Isolate' mode (open contacts) <30mA • In 'Combine' mode (closed contacts) <40mA • Add ° 10ma when LED Status Display is active • Add up to 30mA for external LED indicator
Contact Resistance	• Less than 2 milliohms across the switch terminals
IP Rating	• IP67 (internal components only)

Operating Temp	• -20°C to +60°C
Operating Humidity	• Up to 98%, non-condensing
Inidicator Output	• + 12V DC (maximum 30mA)
Remote Input	• + 12V DC
Enclosure Housing	• Heatsink – E-Coated A360 die cast aluminium • Lid and Base – Electrical grade polycarbonate • Mounting Bracket – Bright zinc plated steel • Terminal Protector Boots – NBR rubber
Contact Terminals	• Tin plated copper, stainless steel hardware
Control Terminals	• Tin plated brass, stainless steel hardware
Dimensions	• Footprint – 62mm x 92mm including bracket • Profile – 94mm including terminal boots
Weight	• 495 Grams

DIMENSIONS DIAGRAMS





