

Battery Watch



PN 83200150

- Protection against battery discharge
- Equipment protected against over voltage
- Adjustable power & upper voltage thresholds
- Composite end plates with connection lugs
- Completely corrosion-proof materials
- Easy to fit on a DIN rail
- LED indicator
- Remote on/off facility
- Automatic switch off in event of over/under voltage

Description

The Battery Watch is an essential part of any well-equipped battery system, offering you an electronic 600-gram watch dog that ensures a much longer life-span for your batteries. The unit monitors the optimum condition of your batteries and can also be used as a main battery isolation switch.

This appliance consists of a high current electronic switch capable of switching loads of up to 150 amps. If the battery voltage drops below a previously set value (the on and off values are set by easy to use DIP switches), the load is disconnected automatically. When any of these set points are reached a warning LED will light up in addition to an audible alarm. In this way it is prevented a service and/or starter battery being discharged below a user adjustable preset voltage. Remote monitoring and operation is possible if the Battery Watch is linked to the main panel.

The unit has an in-built hysteresis to allow for a short-term voltage drop caused by switching on a heavy load. The Battery Watch has an extremely low current drain of only 4mA in off mode and 5mA in on mode. A remote switch can also be wired enabling the unit to function as a battery isolator. The Battery Watch is easy to install on a DIN rail (industry standard).

Specifications

Maximum load	150A
Input voltage	8-32V DC
Switch off (under voltage) 12V	9-12V DC
Switch off (under voltage) 24V	18-24V DC
Dimensions (H x W x D)	157 x 140 x 80 mm
Weight	600 gr

