

# LOW VOLTAGE

## NEW PRODUCT RELEASE

### OCTOBER 2012

Dual Battery  
Applications

# The New Range Of VOLTAGE CONTROL RELAYS

Is Here  
Made in Europe



#### Features:

- ✓ Dual Voltage 12/24V
- ✓ Microprocessor Controlled
- ✓ Automatically Detects Voltage
- ✓ Bi-Directional Charging
- ✓ Gastight Contacts
- ✓ Prevents excessive discharging of the starter battery
- ✓ Priority for charging only the starter battery first
- ✓ Easy to Install
- ✓ No Voltage Drop
- ✓ 2 Years Warranty



|                         | LV1009HD             |           | LV1010HD             |           |
|-------------------------|----------------------|-----------|----------------------|-----------|
| Operating Voltages      | 12V                  | 24V       | 12V                  | 24V       |
| Relay Turn On Voltage   | 13.2V                | 26.4V     | 13.2V                | 26.4V     |
| Relay Turn Off Voltage: | 12.8V                | 25.6V     | 12.8V                | 25.6V     |
| Operating Range:        | Min -30°C            | Max +75°C | Min -30°C            | Max +75°C |
| Warning Light:          |                      |           | ✓                    |           |
| Maximum Voltage Drop:   | < 200mV at full load |           | < 200mV at full load |           |
| Easy Connection:        | M8 screw terminals   |           | M8 screw terminals   |           |
| Dimensions (LxWxH):     | 80 x 46 x 46mm       |           | 108 x 72 x 58mm      |           |
| Weight:                 | 110g                 |           | 470g                 |           |

