

COJO Technology

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C E R A M A G

HAZARDOUS LOCATION POWER SYSTEMS
Calgary, Alberta



LVC DC Voltage Monitor CLASS 1 DIVISION 2

Product Description

The LVC DC voltage monitor and low voltage shutdown controller, is an intelligent battery voltage monitor that senses and displays battery bus voltage between 9 -30 VDC. It contains 2 solid state relays rated at 15 Amps each, that can be programmed to turn off loads or send an alarm at individually programmable low voltage levels. Also included is a by-pass timer, operated at the keypad or remotely via a momentary pushbutton that may be used to override the low voltage shut down for a programmable period of time.

Programming of the LVC is accomplished by using the user friendly keypad interface. Programming is intuitive just follow the prompts to access all parameters. The keypad and display are rated for operation between -40 c and 60 c.

The LVC uses a power save feature that shuts down the display if there has been no operator input for 5 minutes. Press any button on the keypad to re-activate the display. The LVC comes standard with an input that when activated will enable the by-pass timer.

Specifications

Input voltage		9 - 30 Vdc 0.5 amp (controller power)
Power consumption (display on)		200mA
	(display off)	50mA
Inputs	1	discreet digital 5 - 24 Vdc (bypass start)
Output	2 (Per ssr output)	9 - 30 Vdc 15 amp
programming		keypad
operating temperature		-40 - 60 deg. C
certification		QPS, C22.2 CLASS 1 DIVISION 2

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