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LCM6
Leakage Current Monitor
for DC power systems

LCM6 leakage curent monitor unit has many special features making it one of the most cost effective and versatile leakage current monitors available.

Special features:
– Very compact size
– Simple to use
– Ultra wide input voltage range
– Stable operation
– Easy to customize
– Remote control
– High reliablity (All semiconductor components have very low junction temperature which garantee long life time. Electrolytic capacitors are high-end products.)
– Cost effective (price per channel)
– Using in floating systems is possible by using entension unit LCM-EXT

Operation:
DC-power systems + and – wires shall be routed through the hole of the unit. If outgoing and incoming current differ more than 120mA, unit gives alarm.

Use:
DC-power distribution systems
Solar systems
Marine
Industrial application

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19.6.2014	LCM6_REV_1_1	1.1	Pasi Rinnesaari Ari-Pekka Lahtinen			1/2

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Specification

Input aux.voltage range nominal 24-220VDC (absolute maximum18-265VDC)
Operating temperature +5°C - +40°C
6 channel
120mA alarm limit
Alarm Relay:

- Contact rating (res.load) 6A 250VAC/30VDC
- Contact resistance 30mR, Gold plated, (1A 6VDC)
- Max switching power 1500VA/180W
- Creepage distance 6.4mm between coil and contacts
- Breakdown voltage 3kVac between coil and contacts

CAN-bus:

- RJ45 connector
- Reinforced insulation from aux. voltage

Mechanical dimension

Width 248,5mm
Depth 102mm
Height 40mm
Weight 0,3kg

DIN-Rail clips on the back panel.

Manufacturer: Powecon Oy, Elementtitie 8, 41160 Tikkakoski, Finland.
www.powecon.fi