

callisto electronics Ltd.

Specifications Li-Ion pack protector module LPU410C/G

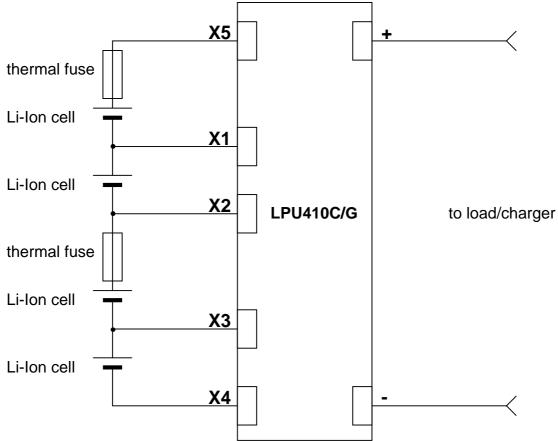
The LPU410 is a Li-Ion protection module designed to protect Li-Ion battery packs with three or four cells off overcharge, deep discharge as well as excessive discharge and charge currents.

The following specifications apply :

- Cell type
- Overcharge protection voltage
- Deep discharge detection voltage
- Max. cont. discharge/charge current
- Max. input voltage
- Overcurrent protection delay
- Short circuit protection delay
- Deep discharge protection delay
- Overcharge protection delay
- Max. current consumption, active
- Max. current consumption, sleep
- Max. dimension

graphite and cokeversion C $4.25\pm0.05V$ per cellversion G $4.35\pm0.05V$ per cell $2.3\pm0.1V$ per cell2A (other values on request)2OV8...800ms factory setable (50ms default) $100...1200\mu s$ factory setable (700 μs default)about 15msabout 15ms $40\mu A$ $7.5\mu A$, at $V_{bat} < 2.4V$ $46mm \times 10mm \times 3.9mm$ (LxWxH), 3.2mm height on

request, other sizes on request



Application diagram

