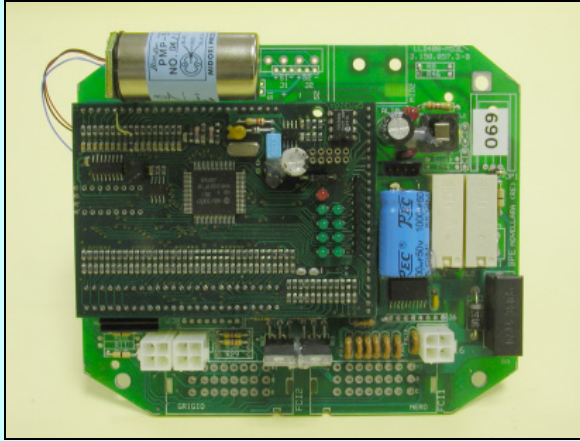


Basket proportional self-levelling

LLD 400 M53Lb Series



Description

Electronic board with microprocessor and second monitoring processor, able to level an aerial basket/work platform cage. The board has two PWM outputs to check the planarity in relation to a reference axis. Can be equipped with CAN connection. The following can be defined independently for each channel/semi-axis:

- the zero value and angle of intervention
- activation and deactivation delay
- inclination of the intervention ramp, the reaction time and dead band

It is equipped with autotest option for the logic functions, board functions and sensor wiring. Calibration with Psion™/PC via RS-232.

A 36W/1.5 A ON/OFF safety output is available with standard intervention angle regulation, in a BPE box.

The board is supplied in a box with MPM connectors.

Safety: Category 2 (EN 954-1) standard. Category 3 (EN 954-1) with safety device.

Technical data

Power supply	9 to 33 Vdc	-
Digital inputs	20	Impedence= 4.7 KΩ
Analog inputs	four 4 to 20 mA or 0.5 to 4.5 Vdc types	-
Power outputs	8	Positive, with protection against short-circuits. Imax = 1.4 A if all are activated at the same time Imax = 3 A if activated individually
Power outputs in safety status	1	Double relay type with feedback. Class 2 (EN 954-1). Imax = 4 A
PWM power outputs	2	Positive, with protection against short-circuits. Imax = 1.4 A
CAN connection	optional	-
Programming/check-control	RS-232	Via Psion™ or Personal Computer
Operating temperature	-40 to 70 °C	-
Standard protection grade	IP55	In BPE box measuring 166x125x64

Dimensions [mm]

