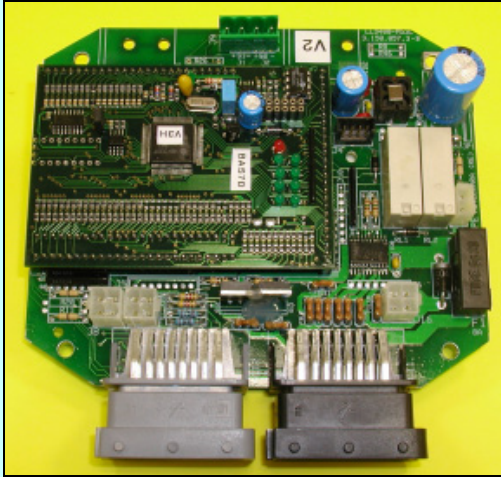


# Moment area control

## LLD 400 M53L Series



### Description

Electronic board with microprocessor and second monitoring processor. The board can manage the telescopic boom movements and moment area limitation. The board is equipped with autotest option for the logic functions, board functions and sensor wiring. Calibration can be carried out via RS-232 connection and to preprogrammed values.

The board can pilote ON/OFF and PWM valves directly by the power outputs.

It is on board the CAN module for connection with other peripheral units.

Safety: Category 2 (EN 954-1) single board.  
Category 3 (EN 954-1) double board.

### Technical data

Power supply	9 to 33 Vdc	-
Digital inputs	20	Impedence= 4.7 K $\Omega$
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	yes	-
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]

