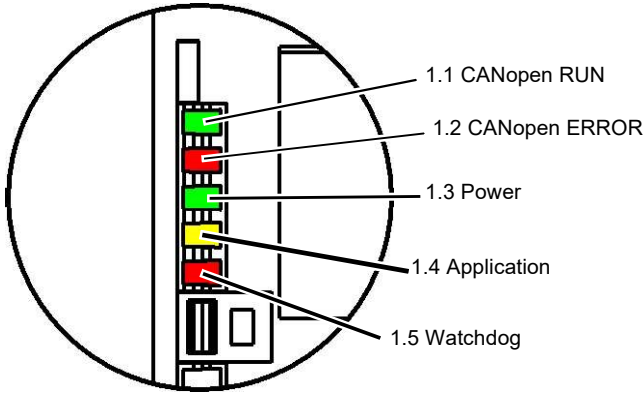


# Diagnostics

## LEDs



The "Controller Inside" card is equipped with five LEDs which can be seen through the window in the Altivar 61 / 71 cover.

LED	Color	State	Meaning
1.1 CANopen RUN	green	off	CANopen master in STOPPED state
		flashing	CANopen master in PRE-OPERATIONAL state
		on	CANopen master in OPERATIONAL state
1.2 CANopen ERROR	red	off	No CANopen error
		1 flash per second	The CANopen master error counter has reached or exceeded its warning level (too many errors)
		2 flashes per second	Node Guarding error (vis-à-vis a CANopen slave) or Heartbeat error (CANopen master acting as consumer)
		on	The CANopen master is in the "OFF" state.
1.3 Power	green	off	"Controller Inside" card not supplied with power
		on	"Controller Inside" card supplied with power (24 V $\overline{\text{---}}$ present)
1.4 Application	yellow		The meaning of this LED is determined by the "Controller Inside" card program.
1.5 Watchdog	red	on	The "Controller Inside" card program has generated an error and has been stopped (watchdog tripped).