

# CG APPLICATIONS

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**Application Note:** July 18<sup>th</sup> 2007

**Market involved:** Lifts & Escalators

**Product :** DTA01 - DTA02

**Customer :** ---

**Subject :** Monitoring motor overheating in lifts

## CUSTOMER ISSUE :

Careful monitoring of the motor's coils temperature can avoid overheating and consequent damages for the motor.

If the motor continues running also at high temperature it will certainly break.

In lifts the point is to take care of this precious part of the elevator: frequent use and increase of current flow, due for example to mains lowering, are some of the main enemies of lift motors.

This issue is common to both electrical and hydraulic lifts.

## OUR SOLUTION:

Use DTA01 and DTA02 to monitor the temperature of the coils of a motor with built in PTC's sensors.

This monitoring units stop the motor when the stator coils get too hot, by disconnecting the main contactor, which drives the motor itself .

## ACHIEVED BENEFITS:

- Avoid overheating of the motor.
- Reduce of the downtime.
- Cost saving for repairing also reducing technical calls.

