

CG APPLICATIONS

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Application Note:	October 4th 2007
Market involved :	Lift & Escalators
Product :	DPA53
Customer :	---
Subject :	Monitoring lift motor

CUSTOMER ISSUE :

Every time an electrical motor is subject to excessive increase of current flow, it's in serious breaking danger.

A failure can cause expensive costs for repairing and waste of time, and above all discomfort for people.

OUR SOLUTION:

You need a device to reduce damages to the motor and consequent maintenance calls.

DPA53 is a small 3-phase monitoring relay for detection of incorrect phase sequence and phase loss.

The relay releases when one phase-phase voltage drops below the set-point (set by a specific front knob), or when the phase sequence is incorrect, to avoid increases of current.

ACHIEVED BENEFITS:

- To prevent motor damaging caused by phase loss, even detecting the regenerated voltage.
- To reduce downtime.
- Cost saving reducing maintenance calls.

