

CG APPLICATIONS

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Application Note: July 5th 2007

Market involved: Food & Beverage

Product : DPA01CM44B005

Customer : G.D

Subject : Stopping machineries of tobacco treatment

CUSTOMER ISSUE :

Industrial plants using advanced machineries for complete tobacco treatment, from the leaf to the final packet, need to quickly stop the manufacturing process in case of phase loss.

The faster this operating time is, the sooner the standard working conditions can be restored, avoiding waste of time in laborious manual operations.

OUR SOLUTION:

Even having a standard model of a monitoring relay for phase and phase loss with reaction time of 100 ms, we have provided the customer with a faster special version:

DPA01CM44B005.

It allows to stop the machineries in just 30 ms, both in case of phase loss and phase sequence, preventing from machine stop costs and expensive repairs in case of failures.

ACHIEVED BENEFITS:

- Money saving on down time reduction: the whole plant can get to be immediately restarted once stopped.
- Money saving on mechanical repairs: the motors always run in the correct direction and no overloads can't be due to incorrect 2-phase power supply.
- Safeguard of the final product quality.

