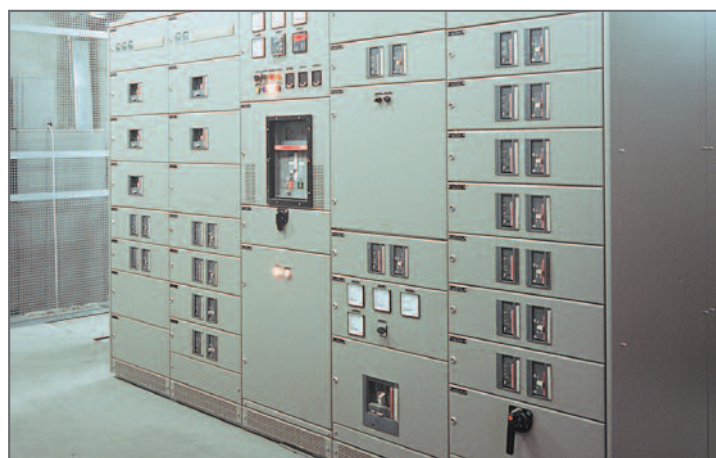


CG APPLICATIONS

CARLO GAVAZZI



Application Note :	March 20th 2007
Market involved :	Medium and light industries
Product :	EM26 96 AV5 3 H O3 S1 XX
Customer :	Panel builders, system integrators
Subject :	Cost allocation and parameter controls

CUSTOMER ISSUE :

The management of manufacturing companies need to have a cost control system for their production sites.

It is necessary to allocate in detail the costs for each process and for each department, in order to charge them in the relevant cost centre.

Furthermore, the main electrical variables (including the harmonics) of each department are to be measured and some of them controlled too.

OUR SOLUTION:

The engineering company in charge to solve the problem proposes a system that acquires (via serial communication), processes and logs all the information.

EM26-96 is the instrument that provides all the data to the system, including the different electrical parameters of the single departments, the peak values of the demanded power, and the total harmonic distortion of currents and voltages, useful to monitor the quality of the incoming supply or to discover any anomaly in the facility network.

ACHIEVED BENEFITS:

EM26-96 is very simple to be programmed and used.

It can retransmit up to 3 alarms on setpoint which might also be shown on the display and highlighted by switching alternatively its backlight among white and blue colour.

Last but not least, EM26-96 requires only 45 mm behind the panel.

