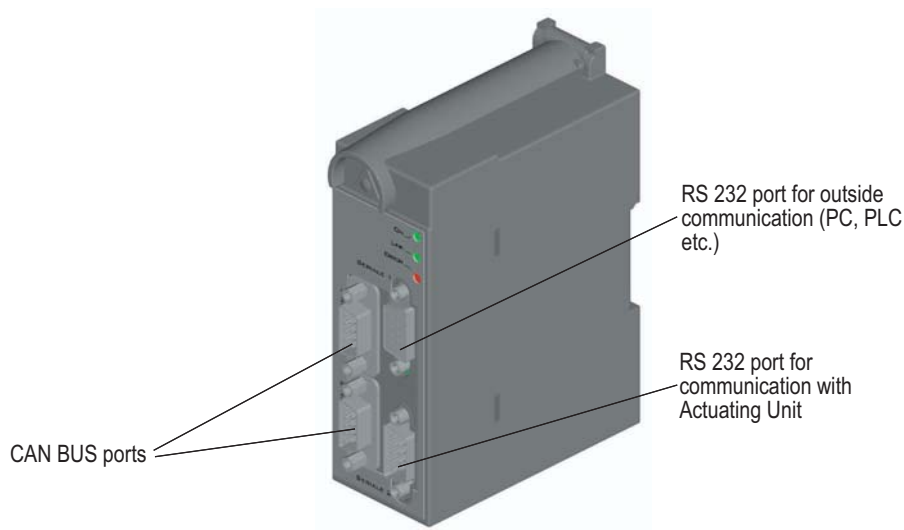


SUPERVISING UNIT MODULE E BASIC



Module E Basic is a monitoring system for handling machinery.

Through an analysis of inputs, the E Basic system, connected to Bravo and Delta radio remote controls, can activate or deactivate the relays of the radio remote control and analyze machine use. Activation and deactivation can be performed after a preset number of relay activations.

When the system performs activations or deactivations, it can be programmed to send alert messages to the type B radio remote control display or to a telephone number through the GSM module.

Thanks to the possibility of performing Boolean operations on inputs and/or relays, the system can be set to check algebraic functions before intervening on the radio remote control.

In addition to the above mentioned operations, E Basic also serves as a memory for radio remote control operation, and can generate reports showing time and activations, in compliance with the current provisions of ISO 4301/1 - 12483/1 - 9927/1.

Combined with an Actuating unit, E Basic can manage all the supervision activities for safe machine operation.

It can also automatically intervene to modify the behaviour of the machine for safety purposes as the scheduled or calculated maintenance period gets closer (predictive maintenance period) and depending on the way the operator uses the machine.

It can memorise up to 20 minutes of each activity with 1 second resolution.

TECHNICAL SPECIFICATIONS

Conformity to Community Directives	2004/108/CE 2006/95/CE 1999/5/CE
Conformity to Standards	EN 301 489-1 EN 301 489-3 EN 60204-32 EN60950 EN 61000-6-2 EN 61000-6-4 EN 954-1
Operational temperature	-25°C / +70°C
Protection degree	IP 20
Power supply	12-24 VAC/VDC, 48 VAC, 110-230 VAC
Software	E Interface
Programming	Visual
Connections	2 RS 232 / 2 CAN BUS
Safety category	3 (EN 954-1) 4 (EN 954-1 stop function - when used with type B/D radio remote control)

OVERALL DIMENSIONS

