

## EM4 LOCAL / EM4 ETHERNET

88981103  
em4 Local

- 24 V dc control voltage
- 26 I/O base controller
- Expandable up to 46 I/O
- RS485 MODBUS
- Ethernet connectivity



### PRODUCT DESCRIPTION

Save time in designing your application and remote functions using the most intuitive graphical function block language in the market.

em4 offers the ability to control and monitor equipment more advanced than Millenium 3.

em4 features up to 4 high speed counting inputs and can handle 0-10V and 4-20mA inputs.

em4 has 16 inputs and 10 outputs in the basic version. Up to two expansion modules can be connected to increase the I/O count up to 46.

#### em4 Alert

Can send alarms and logged data via SMS and email. Information can be exchanged between several em4 Alert controllers. Communication via 3g network using and SIM card.

#### em4 Local

Available in two versions - standalone and with built-in modbus TCP/IP for local communications.

#### Crouzet Soft

Controller is programmed with function block diagram (FBD) using a PC with free software. The software features function blocks to send alarms and log files making programming easy and intuitive.



## SPECIFICATIONS

<b>Approvals</b>	CE, cULus
<b>Depth</b>	60,6 mm

<b>Display</b>	Yes
<b>Expandable</b>	Yes
<b>Height</b>	90 mm
<b>Measuring Range Analog Input ID IG</b>	0-10 V DC, 0-24 V DC, 0-20mA
<b>Number of inputs</b>	16
<b>Number of outputs</b>	10
<b>OFF-Voltage Logic 0 Mode Input I5 IC</b>	9 V
<b>Real Time Clock</b>	Yes
<b>Supply voltage</b>	24 V DC
<b>Switching Voltage Logic 1 Mode Input I5-IG</b>	15 V
<b>Switching Voltage Max</b>	250 V AC
<b>Temperature range from</b>	-20 °C
<b>Temperature range to</b>	60 °C
<b>Width</b>	124,6 mm

