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EM4 LOCAL / EM4 ETHERNET

88981103
em4 B26 Local 16 In 10 Out 24V dc



- 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.



TECHNICAL DATA

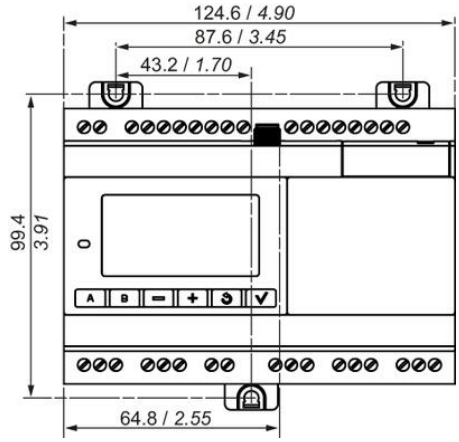
GENERAL DATA

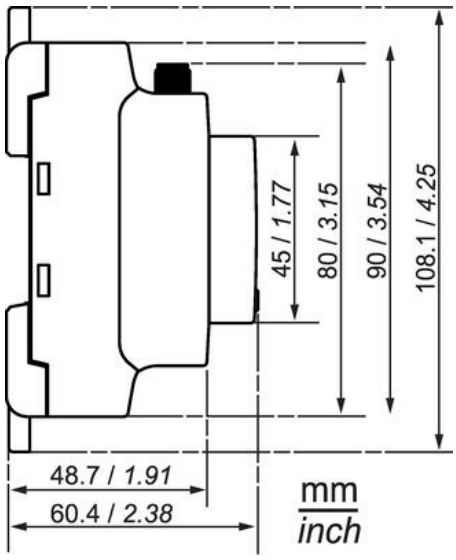
Number of inputs	16
Number of outputs	10

Supply voltage	24 V DC
Expandable	Yes
Display	Yes
Memory for data	2 k octets
Programming method	Function block / SFC
Program memory	Flash
Program size	FBD typically 1000 blocks
Real time clock	Yes
Count speed	Up to 60 kHz
Input type	16 digital (8 analog)
Measurement range analog inputs	0-10 V DC, 0-24 V DC, 0-20mA
Logic 1 voltage threshold (DC input)	15 V
Logic 0 voltage threshold (DC input)	9 V
Output type	2 SSR / PWM, 8 relays
Static / PWM output	Outputs O1 & O2
Pulse duty factor PWM	O1-O2: PWM 0-100% 100 Step, 14-1758 Hz
Switching voltage max	250 V AC

OTHER TECHNICAL DATA

Width	124.6 mm
Depth	60.6 mm
Height	90 mm
Temperature operational min	-20 °C
Temperature operational max	60 °C
Approvals	CE, cULus




45 / 1.77
80 / 3.15
90 / 3.54
108.1 / 4.25
48.7 / 1.91
60.4 / 2.38
mm
inch