

# EMABAC

Basic Controller Series  
Programmable Controller

## Electrical Characteristics

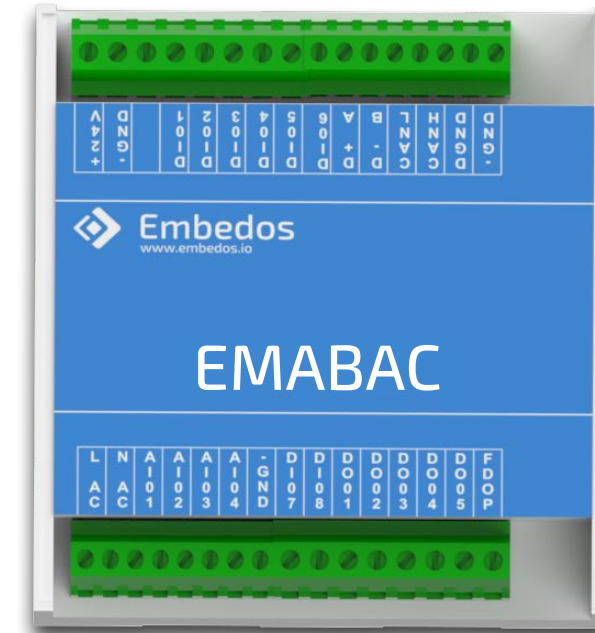
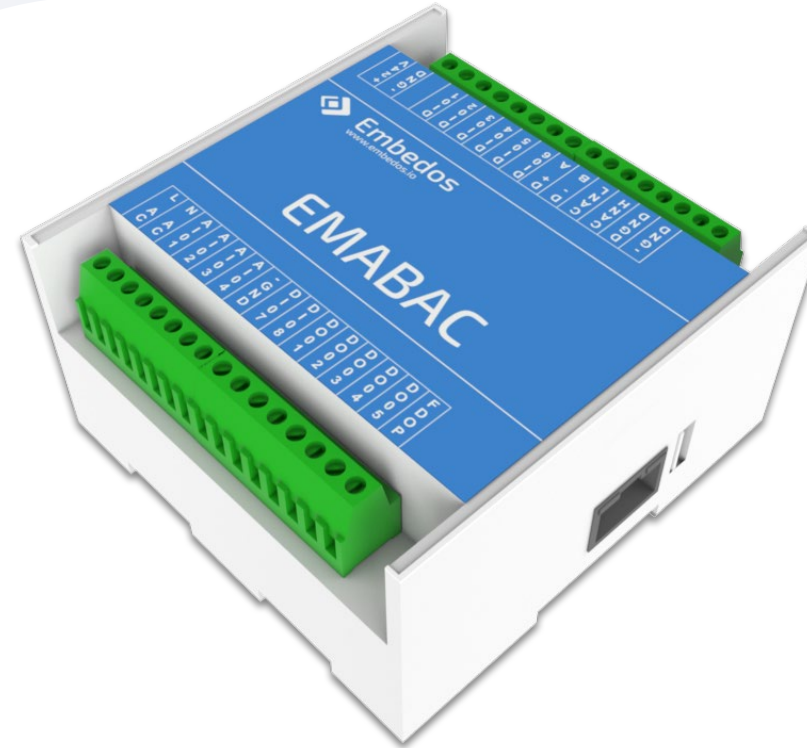
Input Supply	240 VAC (EMA 605) 24 V DC (EMA 105)
Sensor Supply	12 V DC Supply **
Analog Input	4 -20 mA , 0-10 VDC
Digital Inputs Input	10 V - 30 V
Digital Ouputs Input	NPN - Negative Switching
Relay Ouputs Input	Relay Ouputs Input

## Peripherals

Analogue Inputs	Upto 4
Resolution	15 bits
Digital Inputs	Upto 6**
Digital Ouputs	Upto 6**
Interfaces	RS 232
Protocols	Modbus - RTU

## Major Features

- RS 232 Interface
- 3.2 Inch Touch screen color display
- Program update through RS 232 loader
- Remote firmware update
- 32 Bit ARM processor



Contact:  
+91 9920322059 +91 9833411120

## Applications

■ Programmable Controller	EMA 110
■ Timers	EMA 107
■ Totalizers	EMA 101
■ Length measurement	EMA 129
■ Totalizers with ext setpoint	EMA 102
■ Basic Controller	EMA 113
■ Process Indicator	EMA 128
■ Phase difference measurement	EMA 130
■ Velocity measurement	EMA 103
■ Data logger & Scanner	EMA 131
■ Level Display	

## Terminal Arrangements

S	D	D	D	D	D	D	RS	RS	-	24	
G	I	I	I	I	I	I	2	2	G	V	
N	0	0	0	0	0	0	3	3	N	D	
D	6	5	4	3	2	1	TX	RX	D	C	
Digital Inputs							RS 232				
Analog Inputs						Digital Outputs					
A	A	A	A	O	O	O	O	O	O	240	240
0	0	0	0	0	0	0	0	0	0	V	V
4	3	2	1	1	2	3	4	5	6	N	L

## Mechanical Drawings

