

ORDERING INFORMATION

MODEL : M2EAXS

PLEASE FILL IN THIS SECTION



Model
Company
Name
P/O No.

FACTORY USE ONLY



Job No.	Approved by (Sales office)
Ser No.	Issued by (Sales office)
Sales	Approved by (Factory)
	Set by (Factory)
	Ser No.

Specify the items you want to change.

Default setting will be used if not specified.

DEFAULT shows values in case of nothing specified.

■ INPUT SETTING

ITEM	SET VALUE	DEFAULT VALUE	COMMENTS	Factory Internal check
Angle span		270.00	Specify the range between 60.00 to 359.99.	<input type="checkbox"/>
Rotating direction		CW	Specify CW or CCW.	<input type="checkbox"/>
Filter time constant *1		0 sec.	Specify the range between 0 and 30 sec.	<input type="checkbox"/>

*1. Filter time constant

Set filter time constant of the first order lowpass filter. The first order lowpass filter is available with setting time. When '0' is set to this parameter, the filtering process is not performed (Response time: ≤ 0.5 sec. (0 – 100 % at 90 % setpoint)). The setting time constant is the time to follow until about 63 %, when input varies from 0 % to 100 %.

*2. It is not entered to input engineering unit value of [91] display setting.

■ DISPLAY SETTING

ITEM	SET VALUE	DEFAULT VALUE	COMMENTS	Factory Internal check
0 % input scaling		0.00	Specify within the range between –99999 and 999999. Decimal point position can be set arbitrarily.	<input type="checkbox"/>
100 % input scaling		100.00	Specify within the range between –99999 and 999999. Decimal point position is same as 0 % input scaling.	<input type="checkbox"/>
Unit (INP Scaling)		%	Choose from the table 1, or specify from the table 2 'Settable characters' within 13 characters.	<input type="checkbox"/>
Display setting	Upper: Lower:	Upper: INPUT (Scaling) Lower: ALARM	Choose from the setting value in the table 3.	<input type="checkbox"/>
Brightness		4	Specify among 1 (darkest) to 4 (brightest).	<input type="checkbox"/>
Display timeout		10 min.	Specify the range from 0, 1 to 60 min. Set '0' to display 'always on'.	<input type="checkbox"/>

■ ALARM SETTING

ITEM		SET VALUE	DEFAULT VALUE	COMMENTS	Factory Internal check
L1 alarm	Alarm enable	<input type="checkbox"/> Enable <input type="checkbox"/> Disable	Enable	Specify Enable or Disable.	<input type="checkbox"/>
	Alarm setpoint		20.00	Specify the range between 0% input scaling and 100% input scaling. Decimal point is same as [0 % input scaling].	<input type="checkbox"/>
	Trip action	<input type="checkbox"/> High <input type="checkbox"/> Low	Low	Specify High or Low.	<input type="checkbox"/>
	Deadband		0.01	Specify the range 0 to 999999. Decimal point is same as [0 % input scaling].	<input type="checkbox"/>
	Coil at alarm	<input type="checkbox"/> Energized <input type="checkbox"/> De-energized	Energized	Specify Energized or De-energized.	<input type="checkbox"/>
L2 alarm	Alarm enable	<input type="checkbox"/> Enable <input type="checkbox"/> Disable	Enable	Specify Enable or Disable.	<input type="checkbox"/>
	Alarm setpoint		80.00 (Dual alarm) 30.00 (Quad alarm)	Specify the range between 0% input scaling and 100% input scaling. Decimal point is same as [0 % input scaling].	<input type="checkbox"/>
	Trip action	<input type="checkbox"/> High <input type="checkbox"/> Low	High (Dual alarm) Low (Quad alarm)	Specify High or Low.	<input type="checkbox"/>
	Deadband		0.01	Specify the range 0 to 999999. Decimal point is same as [0 % input scaling].	<input type="checkbox"/>
	Coil at alarm	<input type="checkbox"/> Energized <input type="checkbox"/> De-energized	Energized	Specify Energized or De-energized.	<input type="checkbox"/>
L3 alarm (Available only for quad alarm)	Alarm enable	<input type="checkbox"/> Enable <input type="checkbox"/> Disable	Enable	Specify Enable or Disable.	<input type="checkbox"/>
	Alarm setpoint		70.00	Specify the range between 0% input scaling and 100% input scaling. Decimal point is same as [0 % input scaling].	<input type="checkbox"/>
	Trip action	<input type="checkbox"/> High <input type="checkbox"/> Low	High	Specify High or Low.	<input type="checkbox"/>
	Deadband		0.01	Specify the range 0 to 999999. Decimal point is same as [0 % input scaling].	<input type="checkbox"/>
	Coil at alarm	<input type="checkbox"/> Energized <input type="checkbox"/> De-energized	Energized	Specify Energized or De-energized.	<input type="checkbox"/>
L4 alarm (Available only for quad alarm)	Alarm enable	<input type="checkbox"/> Enable <input type="checkbox"/> Disable	Enable	Specify Enable or Disable.	<input type="checkbox"/>
	Alarm setpoint		80.00	Specify the range between 0% input scaling and 100% input scaling. Decimal point is same as [0 % input scaling].	<input type="checkbox"/>
	Trip action	<input type="checkbox"/> High <input type="checkbox"/> Low	High	Specify High or Low.	<input type="checkbox"/>
	Deadband		0.01	Specify the range 0 to 999999. Decimal point is same as [0 % input scaling].	<input type="checkbox"/>
	Coil at alarm	<input type="checkbox"/> Energized <input type="checkbox"/> De-energized	Energized	Specify Energized or De-energized.	<input type="checkbox"/>
Alarm ON-delay time			0 sec.	Specify the range 0 to 999 sec.	<input type="checkbox"/>
Power ON-delay time			5 sec.	Specify the range 0 to 999 sec.	<input type="checkbox"/>
Latching alarm		<input type="checkbox"/> Enable <input type="checkbox"/> Disable	Disable	Specify Disable or Enable.	<input type="checkbox"/>

Table 1**AVAILABLE UNITS**

DC, AC, mV, V, kV, μ A, mA, A, kA, mW, W, kW, var, kvar, Mvar, VA, Hz, Ω , k Ω , M Ω ,
 cm, mm, m, m/sec, mm/min, cm/min, m/min, m/h, m/s², inch, L,
 L/s, L/min, L/h, m³, m³/sec, m³/min,
 m³/h, Nm³/h, N·m, N/m², g, kg, kg/h, N, kN, Pa, kPa, Mpa, t, t/h,
 °C, °F, K, %RH, J, kJ, MJ, rpm, sec, min, min⁻¹, pH, %, ppm, deg, (blank)

Table 2**SETTABLE CHARACTERS**

0 - 9 A - Z a - z ! " # \$ % & ' () = - + * ^ |
 @ ` [] { } ; : < > ? _ , . / (blank)

Table 3**Upper**

SETTING VALUE	DESCRIPTION
INPUT	Input engineering unit value *3
INPUT (Scaling)	Input scaling
PERCENT	Percent value *4

Lower

SETTING VALUE	DESCRIPTION
ALARM	Alarm
INPUT	Input engineering unit value *3
INPUT (Scaling)	Input scaling
PERCENT	Percent value *4
None	No display

*3. Display the value which is converted by 0 - 10000 as total resistance is 10000.

*4. Input percent value.