



## Programmable Counters

**EZM-4430** (48x48mm DIN 1/16)

**EZM-4930** (96x48mm DIN 1/8)

**EZM-7730** (72x72mm DIN 1/8)

**EZM-9930** (96x96mm DIN 1/4)



- 6 digits Process (PV) and 6 digits Set (SV) Value Display
- Operation with 1 Set Value
- Reset, Pause and ChA-ChB Counting Inputs
- NPN/PNP Type Operation
- Operation with Automatic and Manual Reset
- INC, DEC, INC/INC, INC/DEC, UP/DOWN, x1 / x2 / x4  
Counting with Phase Shifting Property
- Multiplication Coefficient and Decimal Point Position

### APPLICATION FIELD

- Package machines,
- Quality Control rollers,
- Filling Systems,
- Tool Benches,
- Measuring Dimension and Control Automation,
- In Cutting and Processing machine of glass, plastic, marble, sheet, iron and fabric all
- Building Automation.
- Production bands

### SPECIFICATIONS

#### INPUTS

**Counting Inputs(Ch-A, Ch-B):** Switch, proximity, capacitive sensor or encoder can be connected.

**Reset Input:** Switch, proximity or capacitive sensor can be connected.

**Pause Input:** Switch, proximity or capacitive sensor can be connected.

**Sensor Type Selection:** NPN or PNP can be selected.

**Reset Function:** Automatic or Manual

**Count Input Types and Maximum Frequency:**

INC, DEC, INC/DEC, INC/INC, UP/DOWN Max. 20kHz.

x1 / x2 / x4: phase shifting (for encoder) counting; Maximum 10kHz.

**OUTPUT**

**Process Output:** Relay (5A@250V~) Resistive Load

**Supply Voltage**

230V~ (-%15;+%10) 50/60 Hz - 2.3VA  
 115V~ (-%15;+%10) 50/60 Hz - 2.3VA  
 24V~ (-%15;+%10) 50/60 Hz - 2.3VA  
 (It must be determined in order.)

**ENVIRONMENTAL RATINGS and PHYSICAL SPECIFICATION**

**Operating Temperature:** 0...50°C

**Humidity:** 0-90%RH (non condensing)

**Protection Class:** Ip65 at Front, Ip20 at rear

**Dimensions:**

- EZM-4430 : (48 x 48mm, Depth:95 mm)
- EZM-4930 : (96 x 48mm, Depth:96 mm)
- EZM-7730 : (72 x 72mm, Depth:95.5 mm)
- EZM-9930 : (96 x 96mm, Depth:96 mm)

**Ordering Information**

<b>EZM-4430</b> (48x48 DIN 1/16)	A	BC	D	E	/	FG	HI	/	U	V	W	Z
<b>EZM-4930</b> (96x48 DIN 1/8)												
<b>EZM-7730</b> (72x72 DIN Boyutlu)		00	0	1	/	00	00	/	0	0	0	0
<b>EZM-9930</b> (96x96 DIN 1/4)												

A	Supply Voltage
3	24V ~ ( - %15;+%10 ) 50/60Hz
4	115V ~ ( - %15;+%10 ) 50/60Hz
5	230V ~ ( - %15;+%10 ) 50/60Hz
9	Customer

E	Output-1(Process)
1	Relay Output (5A @ 250V ~)

**ELECTRICAL WIRING**

