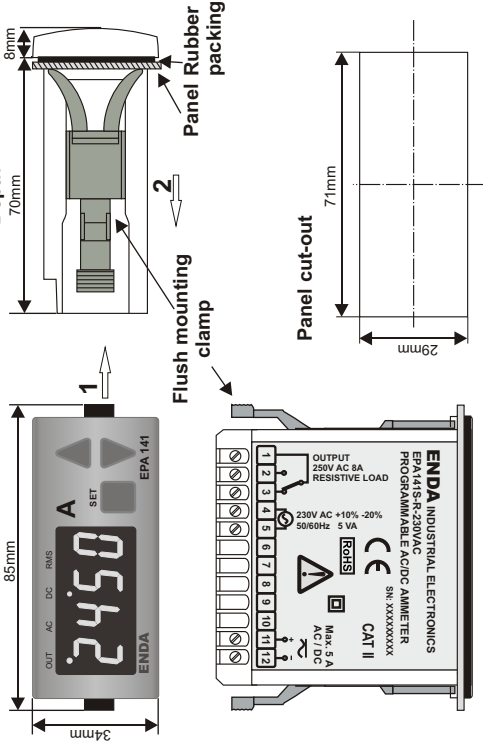


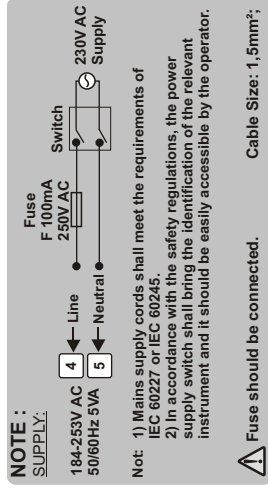


# Dimensions



For removing mounting clamps:  
 - Push out the flush-mounting clamp in direction 1 shown in figure below.  
 - Pull out the clamp in direction 2

- Note :**
- 1) Panel thickness should be maximum 7mm.
  - 2) If there is no 60mm free space at the back side of the device, it would be difficult to remove it from the panel.

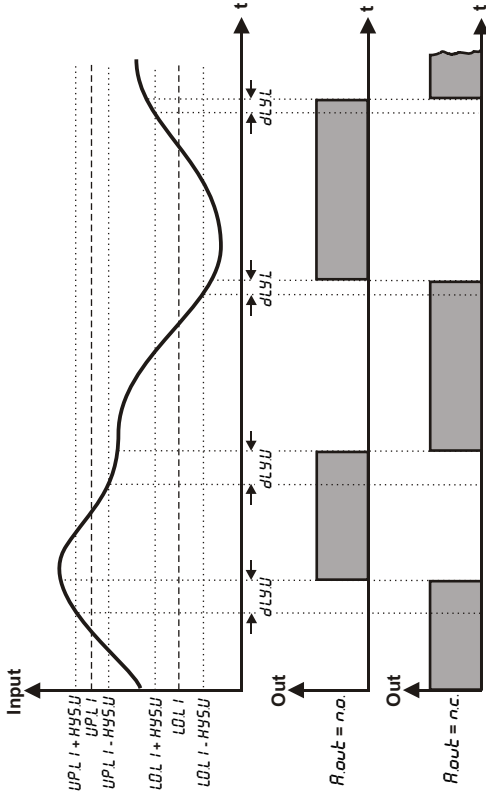


Equipment is protected throughout by DOUBLE INSULATION  
 Holding screw 0.4-0.5Nm.

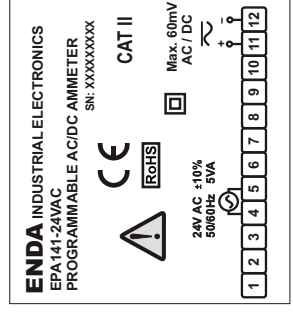
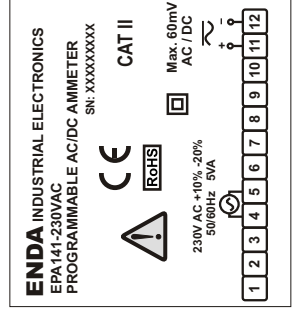
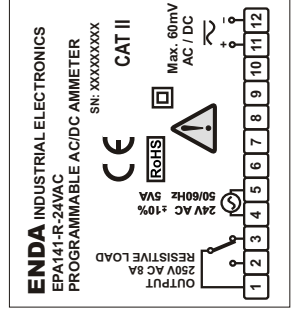
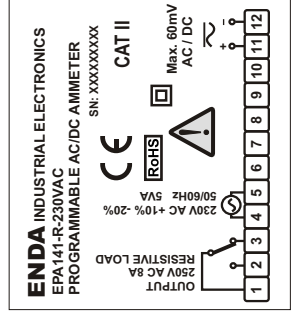
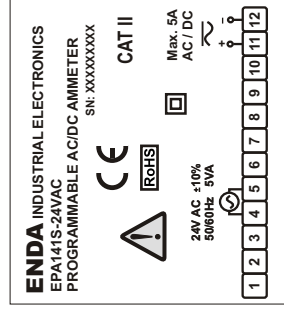
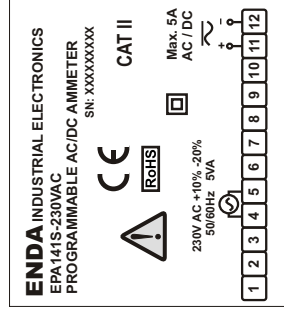
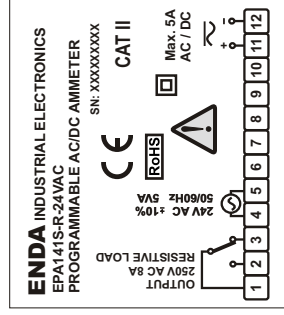
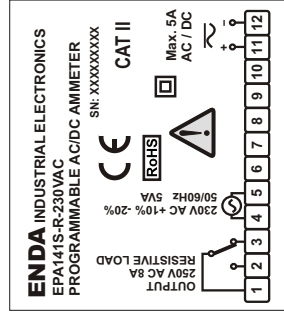
# Connection Diagram



ENDA EPA141 is intended for installation in control panels. Make sure that the device is used only for intended purpose. The electrical connections must be carried on by a qualified staff and must be according to the relevant locally applicable regulations. During an installation, all of the cables that are connected to the device must be free of energy. The device must be protected against inadmissible humidity, vibrations, severe soiling and make sure that the operation temperature is not exceeded. The cables should not be close to the power cables or components.



	$R_c$	dc	$R_{c,dc}$ (rms)
	$A \frac{1}{\sqrt{2}}$	0.000	$A \frac{1}{\sqrt{2}}$
	0.308 A	$A \frac{2}{\sqrt{2}}$	$A \frac{1}{\sqrt{2}}$
	0.386 A	$A \frac{1}{2}$	$A \frac{1}{2}$
	A	0.000	A
	$A \frac{1}{2}$	$A \frac{1}{2}$	$A \frac{1}{\sqrt{2}}$
	$A \sqrt{\frac{d}{T} - \frac{d^2}{T^2}}$	$A \frac{d}{T}$	$A \sqrt{\frac{d}{T}}$
	$A \frac{1}{\sqrt{3}}$	0.000	$A \frac{1}{\sqrt{3}}$

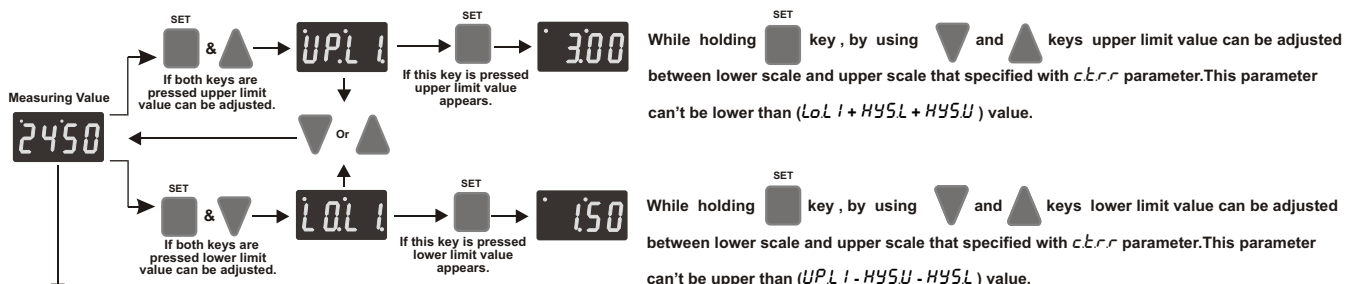


# EPA141 PROGRAMMING DIAGRAM



- Increment key** Used for increasing the setpoint value, as well as the parameter when in programming. When held down for a few seconds, the change rate accelerates.
- Decrement key** Used for decreasing the setpoint value, as well as the parameter when in programming. When held down for a few seconds, the change rate accelerates.
- Programming key** Used for adjusting the value of the setpoint in the run mode and for adjusting the selected parameter in the programming mode.

## ADJUSTING ALARM VALUE



If both & keys are pressed and held for 5 seconds, programming mode is entered or to running mode is returned.

## PROGRAMMING MODE



(\* There are only *ctrr*, *tYPE*, *dPnt* parameters at the models (EPA141, EPA141-24, EPA141S, EPA141S-24) that has no relay. If you wait 25 seconds before holding down the keys or power off and power up again, you skip to operation mode..

## ERROR MESSAGES



Means, measured current value is higher than up scale.



Means, measured current value is lower than down scale.