



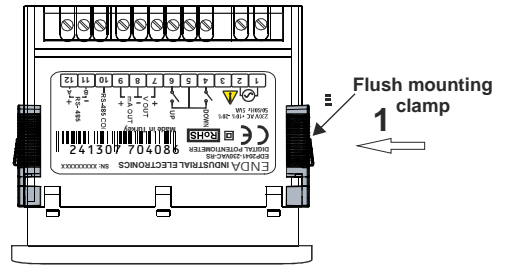
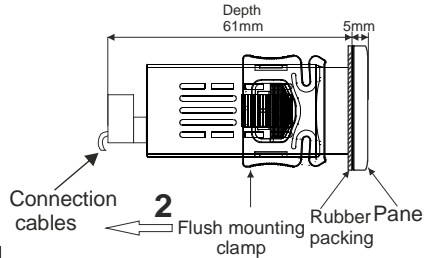
# TERMS



- 1) Adjusted potentiometer value is seen in run mode  
Parameter name, value or its unit in programming mode.
- 2) Increment key during run mode.  
Increment or parameter selection key during programming mode.
- 3) Decrement key during run mode.  
Decrement or parameter selection key during programming mode.
- 4) Used for selecting run or programming modes and for adjusting parameters.

( 1 ) Digital display	12,5 mm 4 digits 7 segment red LED display
( 2 ),( 3 ),( 4 ) Keypad	Micro switch

# DIMENSIONS



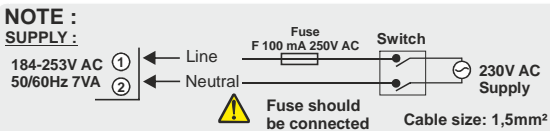
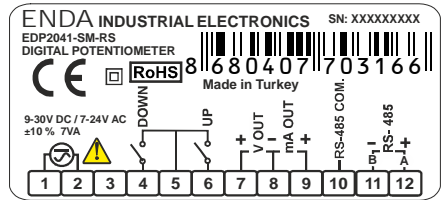
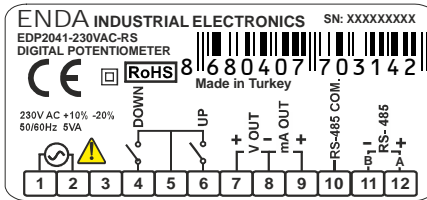
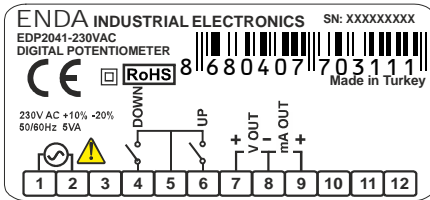
To remove the device from panel:  
- While pushing the the flush-mounting clamp in direction 1, pull out it in direction 2.

- Note :**
- 1) Panel thickness should be maximum 7mm.
  - 2) There must be at least 60mm free space behind the device, otherwise it would be difficult to remove it from the panel.

# CONNECTION DIAGRAM



ENDA EDP2041 is intended for installation in control panels. Make sure that the device is used only for intended purpose. The electrical connections must be carried out 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 electrical power. The device must be protected against inadmissible humidity, vibrations, severe soiling. Make sure that the operation temperature is not exceeded. The cables should not be close to the power cables or components.



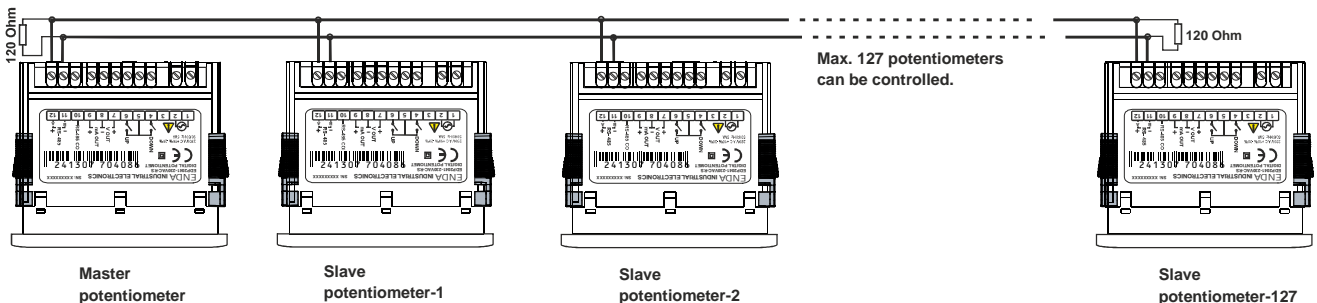
Equipment is protected throughout by DOUBLE INSULATION.



Holding screw 0.4-0.5Nm

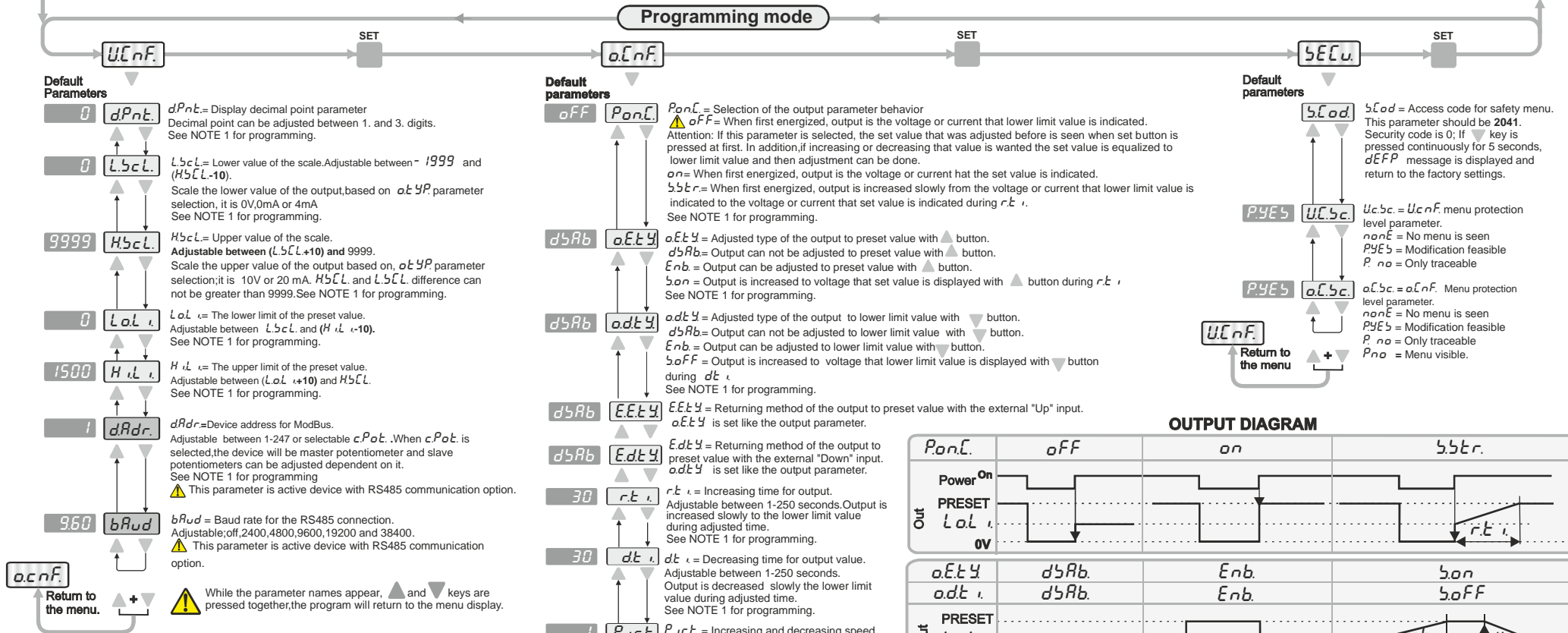
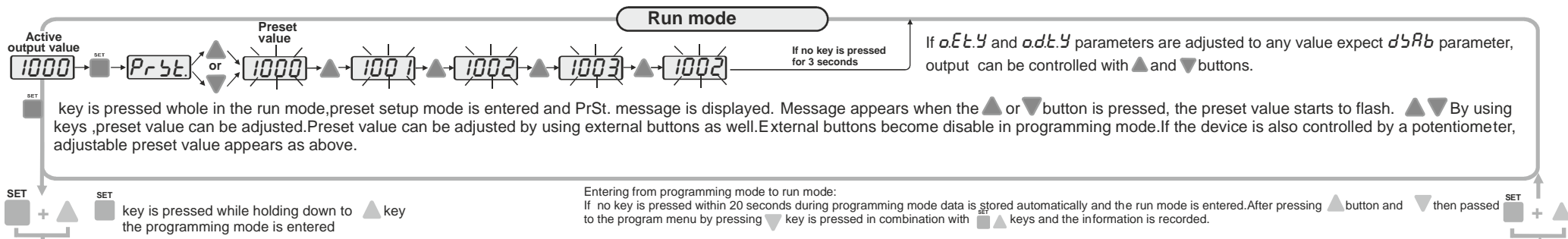
- Note : 1) Mains supply cords shall meet the requirements of IEC 60227 or IEC 60245.  
2) In accordance with the safety regulations, the power supply switch shall bring the identification of the relevant instrument and it should be easily accessible by the operator.

# CONNECTION DIAGRAM FOR SYNCHRONOUS RUNNING



# NOTE :

- *dRdr* parameter should be selected *CPoE* in master potentiometer. In this case *dRdr* parameter of other potentiometers aren't used. But be sure that *CPoE* isn't selected in slave potentiometers to prevent confusion. Settings of slave potentiometers change proportional to setting of master potentiometer. For example; When Max. output of master potentiometer is changed from 10V to 5V, max. output of slave potentiometers decrease half of previous value proportional to this. If previous output of slave potentiometer is 6V, it decreases 3V. *PonC* parameter of slave potentiometer should be selected *oFF* in order to understand master potentiometer when slave is energized.
- Computer should be used to change only a few potentiometers. In this case, there is not master potentiometer. Output of the required potentiometer is changed according to *dRdr* parameter.
- Baud rate of potentiometers must be same in both conditions. 120 Ohm termination resistor should be used at the ends and beginning of transmission line. See [www.enda.com.tr/EDP2041.htm](http://www.enda.com.tr/EDP2041.htm) for detailed information.



**NOTE 1**

**Parameter adjustment method**

For adjusting a selected parameter first press and hold SET key. Then, by using ▲ ▼ keys, adjustment can be made.

If increment key ▲ is pressed and held 0.6 seconds, the value of the selected parameter changes rapidly. If waited enough, the value increases 100 at each step. After 1 second following the release of the key, initial condition is returned. The same procedure is valid for the decrement key ▼.

