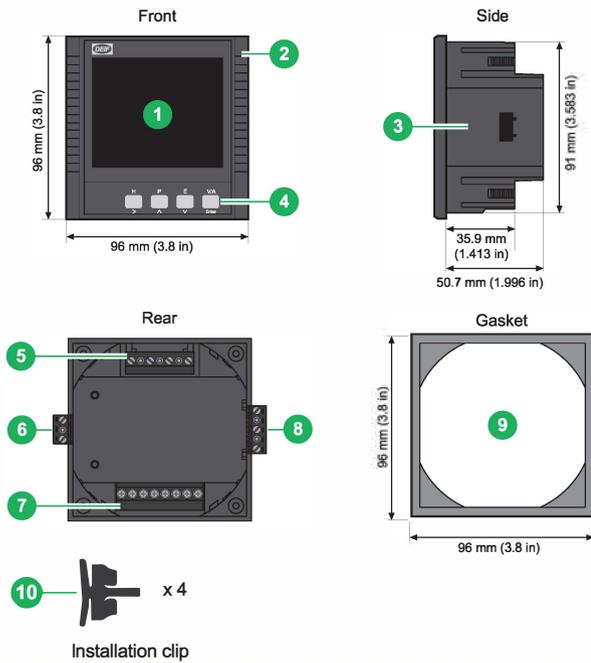
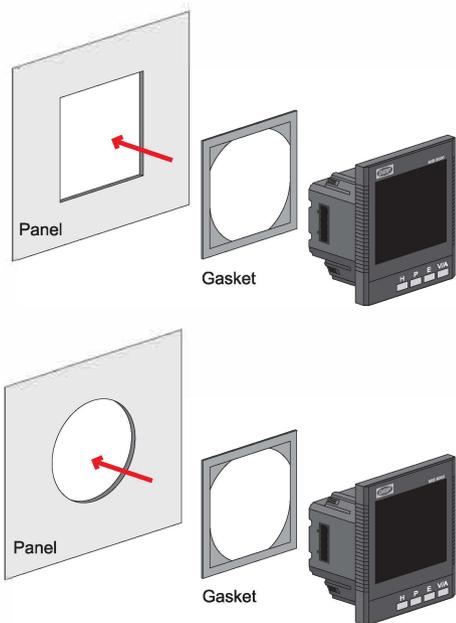


Product and Dimensions



2. Remove installation clips from the meter and insert the meter into the hole with gasket from the front side of the panel.

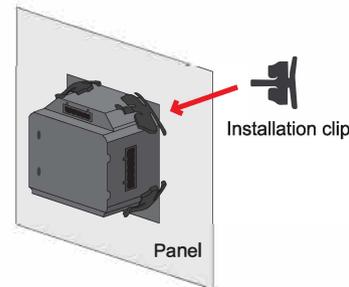


Part	Description
1 LCD display	Large bright white backlight LCD display.
2 Front case	Visible portion after mounting onto a panel.
3 Enclosure	Made of high strength anti-combustible plastic.
4 Key	Four keys used to select display and set.
5 Voltage input terminals	Used for voltage input.
6 Communication terminals	Communication output (only MIB 8000C).
7 Current terminals	Used for current input.
8 Power supply terminals	Used for aux. power supply input.
9 Gasket	Insert the gasket between the meter and the cutout.
10 Installation clip	Used for fixing the meter to the panel.

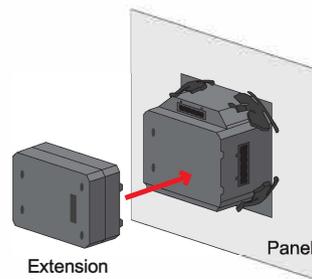
Environment

The MIB meter must be installed in a dry and dust free environment. Avoid placing the meter near heat, radiation, or strong electrical interference sources. MIB operation temperature range is -25 to 70 °C.

3. Re-insert the installation clips to the back of the meter and push the clips tightly, so that the meter is fixed to the panel.



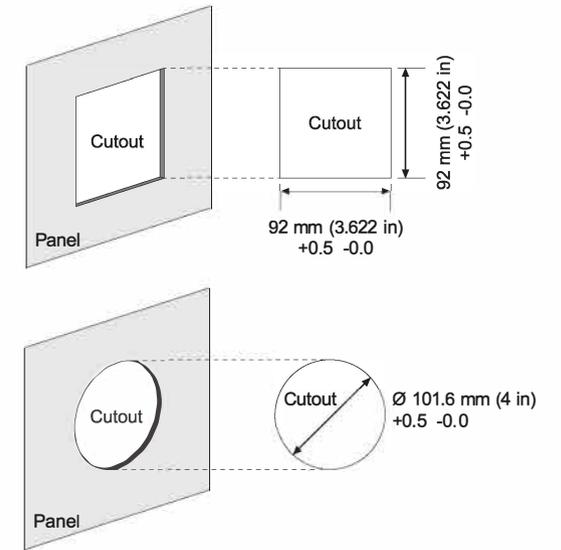
4. (Optional) Install the extension module on the back of the meter and fix with the screw.



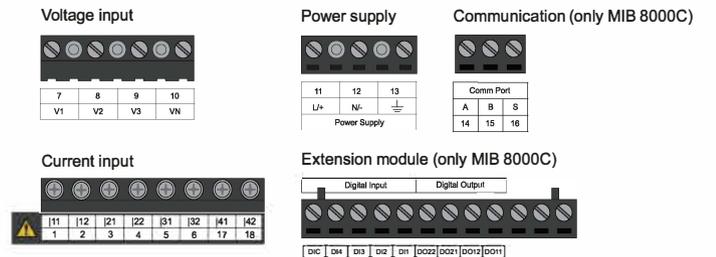
Installation

The MIB can be installed in an ANSI C39.1 (4 in round) or an IEC 92 mm DIN (square) form.

1. Cut a square or round hole in the panel.



Terminals



The meter has 2 current input options available for different applications:

- 5 Aac
- 1 Aac

Ground Terminal Connection



Before wiring the MIB, make sure that the switch gear has an earth ground terminal. Connect both the MIB and the switch gear ground terminals together.



Auxiliary Power Supply

The meter has 2 auxiliary power supply options available for different applications (aux. power supply terminals are 11, 12, and 13).



DANGER

The installation must only be carried out by authorised personnel who understand the risks involved in working with electrical equipment.



CAUTION

The power supply voltage must equal the auxiliary power required by the MIB. Make sure the auxiliary power terminal of the MIB ground is connected to the safety earth of the switchgear.



Settings Mode

Press **H** and **V/A** together to enter the MIB setting mode.

Press **H** to move the flashing cursor to the right.
Press **P** to decrease the number by 1 each time.
Press **E** to increase the number by 1 each time.
Press **V/A** to accept the change and move to the next screen.

The parameter setting mode is protected by a four digit password each time.

The default password is **0000**.



Press **V/A** to accept the change and move to configure the next screen.

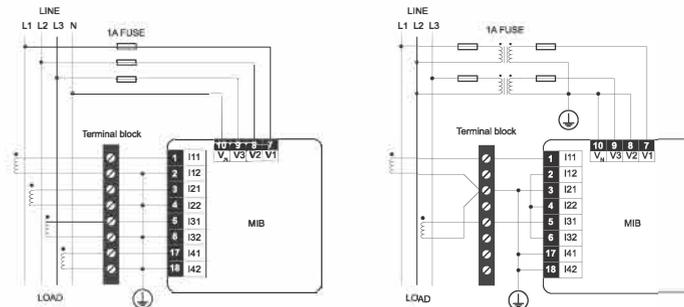
For MIB 8000C, you can configure the communication settings, meter address, baud rate, and parity.

Configure the connection mode by setting the voltage current connection mode, the voltage transformation ratio PT1 and PT2, the voltage transformation ratio CT1 and CT2, in order to have accurate measurement of the basic amount.



Typical Wiring

Input configurations (5 Aac / 1 Aac):



More information



Visit: www.deif.com/documentation/mib

See the **Data sheet** for information about technical specifications.

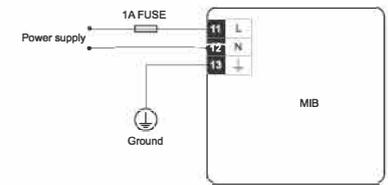
See the **Designer's handbook** for information about configuration and operation.



Auxiliary Power Supply Wiring

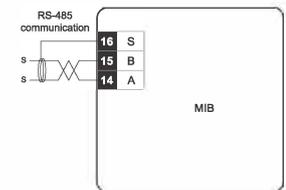
MIB has 2 auxiliary power supply options for different applications (terminals 11, 12, and 13).

Universal (standard) :
100 to 415 Vac, 50 to 60 Hz,
100 to 300 Vdc



Communication Wiring (only MIB 8000C)

MIB uses RS-485 serial communication and the Modbus-RTU protocol. Communication terminals are A, B, and S (terminals 14, 15, 16).



A is differential signal +

B is differential signal -

S is connected to a shield of twisted pair cable.