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PG/ACCLM100/V0/0517

## PROGRAMMING MANUAL

iACCL  
M 100 R



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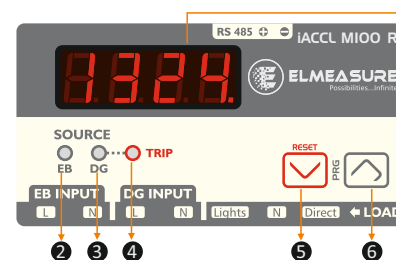
### 1. FEATURES

- True RMS measurement.
- User configurable (Editable) password
- Simultaneous sampling of Volts & Amps.
- Simplifies electrical complexity.
- Safeguards generator by gradual loading & precision monitoring.
- Inverse Current tripping Saves the age of the cable.
- Under and Over Voltage protection when it is running on DG.
- Programmable DG start time which avoids overloading the DG.
- Programmable DG ON delay facilitates the user frequent ON and OFF when he is away.
- Intelligent controller trips exactly on the programmed settings – Better accuracy.
- Resetting the Trip by key press or through communication.
- Auto Configuration of Meters for Device ID by Pressing Up key for 5Sec.



### 2. KEY & LED INDICATION

iACCL M 100 R



- 1 Value Indication
- 2 'ON' Indication for EB
- 3 'ON' Indication for DG
- 4 TRIP Indication
- 5 To view the parameters Downwards & Reset during Trip condition
- 6 To view the parameters Upwards.



### 3. PROGRAMMING MODE

#### 3.1 Programming Keys



To select / Edit & save Value



To decrement value

#### 3.2 Setup Procedure

Press **Up** + **Down** to enter setup mode .

Enter Password (default 1000) blinking of digit indicates Edit is possible.

Press **Down** to decrement value from 9 to 1.

Press **Up** to move to the next digit till 4th digit .

If Password is correct, editing is possible.

Enters into setup mode

Press **Down** to view setup parameter.

Press **Up** to view parameter selection and press again to edit the value / parameter.

Press **Down** to decrement values or to select from available options.

Press **Up** to save the value of the parameter.

Press **Down** to edit next till end of last parameter and parameter display screen will prompt **SRU** display reads **Y** (YES).

Press **Down** to change to **n** (NO).

Press **Up** to save.

#### 3.3 Display

Programming Parameter	Default	Option/Range
VA selection (UA) (vector harmonics)		Arth/VEct/VEC.H
Baud rate (ba)		2400/4800/9600/19200
Parity (Pr)		EVEn./Odd/no
Device Id (dU.)		1.000 to 247.0
Password (PW)		1000-9999
Energy Selection		Wh./VAh.
DG Under Voltage		170.0V to 210.0V

DG Higher Voltage		240.0V to 270.0V
DG Maximum current Limit		0.000 to 32.00A
DG Delay Time		1.000 to 30.00 Sec
C1 Cycle Time		6.000 to 150.0 Sec
C2 Cycle Time		6.000 to 150.0 Sec
C3 Cycle Time		6.000 to 150.0 Sec
C4 Cycle Time		6.000 to 150.0 Sec
No. of trip cycles		5.000 to 10.00 Cycles
Save		Yes/No

#### 3.5 Enabling and Disabling Auto Scrolling

Press **Down** key for 5 Secs. Display shows : Again press down key to disable. Display shows :



### 4. WIRING DIAGRAM & MECHANICAL SPECIFICATION:

