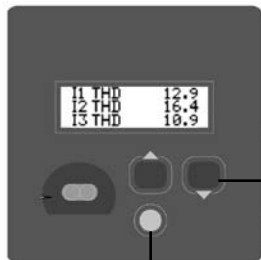


PowerLogic® ION7300

Quick Reference Guide

Configurable Settings

Keypad Operation



Press the round button to Access the Setup menu, and to make selections.

Use the arrow buttons to move through the menus and to change.

MENU	SETTING	DESCRIPTION	RANGE (VALUES)	Default
BASIC SETUP	VOLTS MODE	The power system's configuration – WYE, DELTA, etc.	4W-WYE DELTA 3W-WYE SINGLE DEMO	4W-WYE
	PT 1 PRIMARY	The Potential Transformer's primary winding voltage rating	1 to 999,999.99	347
	PT 2 SECONDARY	The Potential Transformer's secondary winding voltage rating	1 to 999,999.99	347
	CT 1 PRIMARY	The Current Transformer's primary winding current rating	1 to 999,999.99	5.00
	CT 2 SECONDARY	The Current Transformer's secondary winding current rating	1 to 999,999.99	5.00
	V1 POLARITY	The polarity of the Potential Transformer on V1	Normal or Inverted	Normal
	V2 POLARITY	The polarity of the Potential Transformer on V2	Normal or Inverted	Normal
	V3 POLARITY	The polarity of the Potential Transformer on V3	Normal or Inverted	Normal
	I 1 POLARITY	The polarity of the Current Transformer on I1	Normal or Inverted	Normal
	I 2 POLARITY	The polarity of the Current Transformer on I2	Normal or Inverted	Normal
I 3 POLARITY	The polarity of the Current Transformer on I3	Normal or Inverted	Normal	
COM 1 SETUP	COM1 Unit ID	Every meter on an RS-485 network must have a unique Unit ID number	1 to 9999	From serial number1
	COM1 BAUD RATE2	The data rate, in bits per second	1200, 2400, 4800, 9600, 19200	9600
	COM1 Protocol	The communications protocol	ION, ModemGate3, Modbus RTU, DNP 3.00, Factory	ION
COM 2 SETUP	COM2 Unit ID	Every meter on an RS-485 network must have a unique Unit ID number	1 to 9999	From serial number1
	COM2 BAUD RATE2	The data rate, in bits per second	1200, 2400, 4800, 9600, 19200	9600
	COM2 Protocol	The communications protocol	ION, EtherGate4, Modbus RTU, DNP 3.00, Factory	ION
Infrared Comm	IR1 Unit ID	The Unit ID for the Infrared port	1 to 9999	From serial number1
	IR1 Baud Rate	The data rate, in bits per second, for the Infrared port	1200, 2400, 4800, 9600, 19200	9600
	IR1 Protocol	The communications protocol for the Infrared port	ION, Modbus RTU, DNP3.00, Factory, Infrared I/O	ION
ETHERNET	ETH1 IP Address	The Network IP Address of the meter - see your Network Administrator	000.000.000.000 to 999.999.999.999	None
	ETH1 Subnet Mask	Used if subnetting applies to your network- see your Network Administrator	000.000.000.000 to 999.999.999.999	None
	ETH1 Gateway	Used in multiple network configurations- see your Network Administrator	000.000.000.000 to 999.999.999.999	None
	ETH1 SMTP Server	Sets the IP Address for the SMTP Mail Server that is configured to forward mail from the meter	000.000.000.000 to 999.999.999.999	None
	ETH1 SMTP Connection Timeout	Sets the minimum time that the meter waits for a connection to an SMTP server	0 to 9999	None
PRO-FIBUS COMM	CM4 PB Address5	Unique ID for Profibus network.		126
SAG / SWELL7	Swell Lim	The limit a monitored voltage must exceed in order for the meter to classify it as an overvoltage condition6	0 to 9999	106
	Sag Lim	Sag Lim The limit a monitored voltage must fall below in order for the meter to classify it as an undervoltage condition6	0 to 999	88
	Nom Volts8	The primary power system voltage (L-L voltage for Delta systems, and L-N voltage for Wye	0 to 9,999,999	0



SQUARE D

by **Schneider Electric**

Notes:

- 1 The factory set Unit ID for this port is based on the serial number of the meter. For example: Serial number: PABC-0009A263-10; Unit ID: 9263.
- 2 All devices connected to the each port must communicate at the same baud rate as this port.
- 3 ModemGate is available on ION7330 and ION7350 meters with an internal modem.
- 4 EtherGate is available on ION7330 and ION7350 meters with Ethernet.
- 5 Profibus protocol is an option on ION7300 meters. You can only change the Profibus address via the front panel, not through software.
- 6 The ANSI C84.1 1989 standard recommends a temporary overvoltage limit of 106% for Range B voltage levels, and a temporary undervoltage limit of 88% for load voltages and 92% for the service entrance.
- 7 Sag/Swell is available on ION7350 meters.
- 8 The Nom Volts setup register **MUST** be set to your primary power system voltage, or the Sag/Swell feature will not properly function.

Additional Menus

- Clear Functions: allows you to reset cumulative parameters, such as Peak Demand, Min/Max and Energy.
- Adv Meter Setup: access to every ION register in the meter.
- Display Setup: allows you to change display settings such as Contrast, Backlight Timeout and Auto Scroll.
- Screen Setup: allows you to change data displayed on the display screens.
- Nameplate Info: displays information about the meter options, such as Serial Number, Battery Life and Meter Firmware Revision.
- Security: allows you to modify the meter's password.
- Diagnostics: provides information to assist with meter installation and troubleshooting.