

Select one code from each ordering category and fill in the boxes below. Use this group of codes when you order your ION 7300.

Model	Form Factor	Current inputs	Voltage inputs	Power supply	System Freq	Comm	I/O	Security	Special Order
P7300		B	0		0				

ION 7300	Order Code	Description
Model	P7300	ION 7300: Advanced power meter with over 100 high accuracy, 3-phase measurements, 1 RS-485 communication port and 4 digital outputs. Supports ION and Modbus-RTU protocols.
Form Factor	A0	Integrated display, with front optical port
	A2	Same as A0, but with CWC (captured wire connector) inputs; maximum 277VAC on voltage inputs.
	A6	Same as A0, but meter installed in S1 switchboard retrofit cage (with cover and casing). Not available with Security options RMICAN or RMICAN-SEAL.
	A7	Same as A0, but meter installed in FT21 (D4B-7F, D4B-3F) switchboard retrofit cage (with cover and casing). Not available with Security options RMICAN or RMICAN-SEAL.
	A8	Same as A0, but meter installed in S1 switchboard retrofit cage (with cover, but no casing). Not available with Security options RMICAN or RMICAN-SEAL.
	A9	Same as A0, but meter installed in FT21 (D4B-7F, D4B-3F) switchboard retrofit cage (with cover, but no casing). Not available with Security options RMICAN or RMICAN-SEAL.
	D0	Display-only model (Integrated display only. No communications. No digital outputs, no analog inputs or outputs). Not available with Security options RMICAN or RMICAN-SEAL.
	D2	Same as D0, but with CWC (captured wire connector) inputs. Not available with Security options RMICAN or RMICAN-SEAL.
	R0	Transducer with RMD (remote display), with front optical port. DOES NOT support Analog Input and/or Analog Output options. Not available with Security options RMICAN or RMICAN-SEAL.
	R1	Same as R0, but with DIN rail mounts on the transducer. DOES NOT support Analog Input and/or Analog Output options. Not available with Security options RMICAN or RMICAN-SEAL.
	R2	Same as R0, but with CWC (captured wire connector) inputs on the transducer; maximum 277VAC on voltage inputs. DOES NOT support Analog Input and/or Analog Output options. Not available with Security options RMICAN or RMICAN-SEAL.
	R3	Same as R0, but with DIN rail mounts and CWC (captured wire connector) inputs on the transducer; maximum 277VAC on voltage inputs. DOES NOT support Analog Input and/or Analog Output options. Not available with Security options RMICAN or RMICAN-SEAL.
	T0	Transducer (no display). Note you cannot use an RMD on this meter if you order the Analog Input and/or Analog Output options. Not available with Security options RMICAN or RMICAN-SEAL.
	T1	Transducer (no display) with DIN rail mount. Note you cannot use an RMD on this meter if you order the Analog Input and/or Analog Output options. Not available with Security options RMICAN or RMICAN-SEAL.
T2	Transducer (no display) with CWC (captured wire connector) inputs; maximum 277VAC on voltage inputs. Note you cannot use an RMD on this meter if you order the Analog Input and/or Analog Output options. Not available with Security options RMICAN or RMICAN-SEAL.	
T3	Transducer (no display) with DIN rail mount and CWC (captured wire connector) inputs; maximum 277VAC on voltage inputs. Note you cannot use an RMD on this meter if you order the Analog Input and/or Analog Output options. Not available with Security options RMICAN or RMICAN-SEAL.	
Current Inputs	B	5 Amp nominal, 10 Amp full scale current input
Voltage Inputs	0	Autoranging (50 to 347 VAC +25%) Warning: Maximum 277 VAC for CWC connector type.
Power Supply	B	P240 power supply (95-240VAC/47-440Hz/120-310 VDC)
	C	P24 power supply (20 to 65 VDC)
System Freq	0	Autoranging (50 and 60 Hz)
Communications	Z0	No communications. You must choose this option if you selected Display model (Form Factor D0 or D2 above).
	A0	One RS 485 port
	E0	One RS 485 port, one 10Base-T Ethernet (RJ45)
	P0	One RS 485 port, one Profibus communications. Available only on Integrated Display models (Form Factor type "A" only).
I/O	A	No analog inputs/outputs. You must choose this option if ordering Display-only or RMD remote display options (Form Factor types "D" or "R"), or Ethernet or Profibus port options (Communications options "E0", or "P0").
	D	Four 0 to 1 mA analog inputs. NOT AVAILABLE with RMD or Ethernet options
	E	Four 0 to 20 mA analog inputs. NOT AVAILABLE with RMD or Ethernet options
	J	Four 0 to 1 mA analog outputs. NOT AVAILABLE with RMD or Ethernet options
	K	Four 0 to 20 mA analog outputs. NOT AVAILABLE with RMD or Ethernet options
	M	Four 0 to 1 mA analog inputs & four 0 to 1 mA analog outputs. NOT AVAILABLE with RMD or Ethernet options
	N	Four 0 to 20 mA analog inputs & four 0 to 20 mA analog outputs. NOT AVAILABLE with RMD or Ethernet options
Security	0	Password protected, no hardware lock
	2	Password protected with hardware lock enabled
	3	RMICAN Measurement Canada approved
	4**	RMICAN-SEAL Measurement Canada approved, factory sealed
	6	Password protected with security lock enabled, terminal cover and UK OFGEM labels
Special Order	A	None
	B	Pre-set to MODBUS (available for Form Factor T0, T1, T2 and T3 only). Not available with Security options RMICAN or RMICAN-SEAL.
	C	Tropicalization treatment applied
	D	Tropicalization treatment applied and pre-set to MODBUS (available for Form Factor T0, T1, T2 and T3 only). Not available with Security options RMICAN or RMICAN-SEAL.

** A filled-out [ION 7300 Series RMICAN-SEAL Checklist](#) must accompany each RMICAN-SEAL meter order.