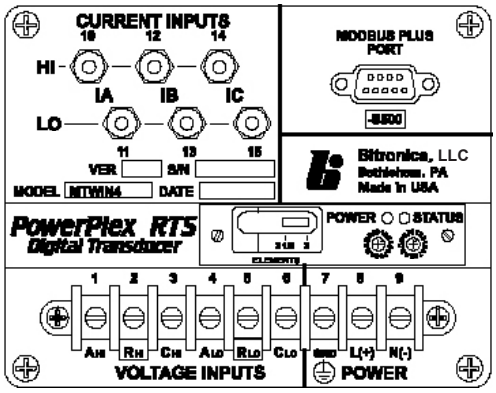


Modbus Plus Port

Measurement: Line and Reference Volts, Amps, Power (real, reactive, apparent), Power Factor, Energy, Line and Reference Frequency, phase difference between Line and Reference voltage. Includes many per-phase and total parameters.

Serial Port: One network-connection option.
All parameters available in network-accessible registers.

Element Switch: Element-switch is field selectable for complete range of 3-Wire and 4-Wire systems within one instrument. (See Table.)

Current Inputs: Full transformer isolation. (See Table).

Voltage Inputs: Full transformer isolation. (See Table).

Energy Scaling: Scaling for primary-side energy values when connected to PTs and CTs is provided through CT and PT ratios written into registers over the network.

Certification: Meets IEC1010 standards and is certified by Underwriters Laboratory to meet UL and CSA standards.

Auxiliary Power Supply: Three power supply options. Includes a universal power supply option which operates from either an ac or dc power source.

Mechanical: 5.3" x 5.3" Base x 5.6" high metal case.

Quantity and Type of Inputs Selection Table		
Electric System	3-Wire	4-Wire
Elements Switch	2	2½
Current Inputs	2 or 3	3
Voltage Inputs		
Line	2 (L-L)	2 (L-N)
Reference	1 (L-L)	1 (L-N)

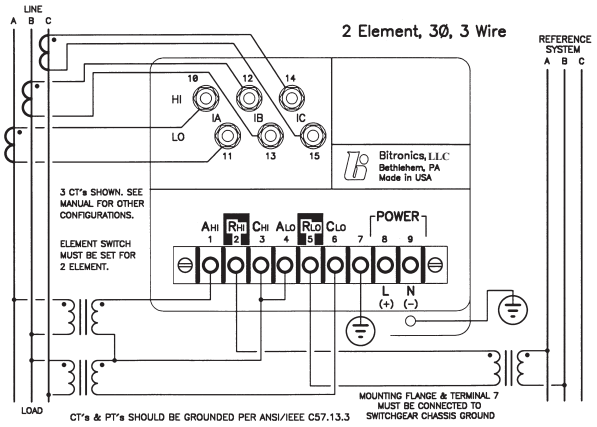
Note: Specify CT and/or PT ratio if want preset at factory otherwise default (5:5 for CT and 1:1 for PT) will be provided.

RTS with Modbus Plus

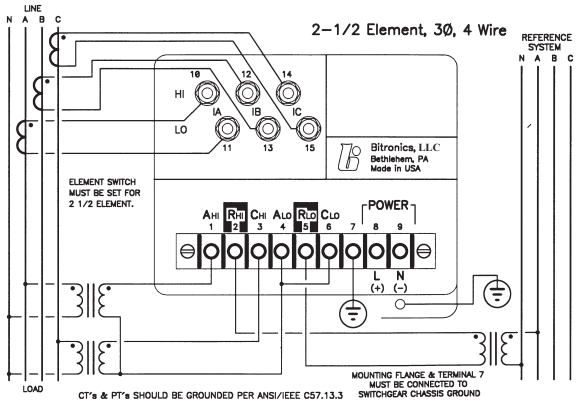
Order Number = Base Model + 6 Option Codes	
Select Base Model	
AC Connection, Phase Reference	**Base Model**
Phase A as Reference	MTWIN4B
Phase B as Reference	MTWIN5B
Phase C as Reference	MTWIN6B

Select New Option Codes			
Optional Functions	**Price Adder**	**Old Option Codes**	**New Option Codes**
Auxiliary Power			
115 V ac	NO	-VA5	0
230 V ac	NO	-VA3	1
24-250 V dc/115 V ac	YES	-VD10	2
Network Connections			
Modbus Plus	YES	-S500	0
Current & Voltage Inputs			
0-5 A ac and 120 V ac	NO	-X-X	0
0-1 A ac and 120 V ac	NO	-CI1-X	1
Display			
None	NO	N/A	0
Aluminum Faceplate			
None	NO	N/A	00
Frequency			
60 Hz	NO	-X	00
50 Hz	NO	-F5	10

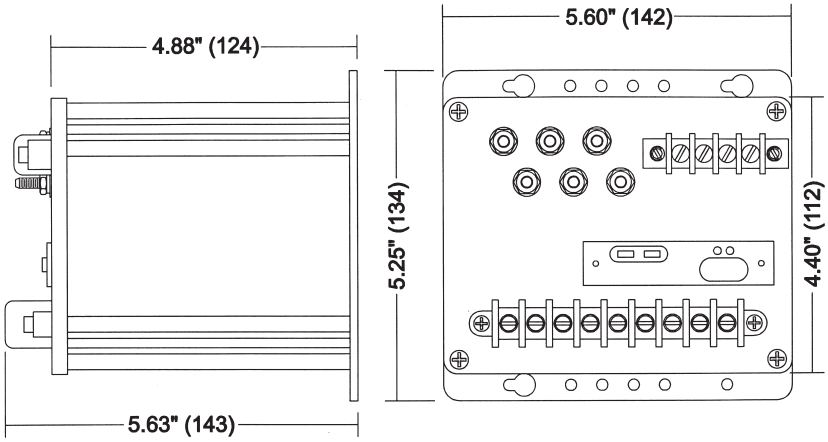
Build order number by choosing base model number and then one new option code selections for each option type. An example: MTWIN4B20000000.



Typical connection diagram for 2-Element (DELTA) PowerPlex RTS MTWIN4B Digital Transducer.



Typical connection diagram for 2½-Element (WYE) PowerPlex RTS MTWIN4B Digital Transducer.



Overall dimensions

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