

POWER TRANSMITTERS

WATT, VAR, Power Factor (2 phase/2 wires, 3 phase/3 wires, 3 phase/4 wires)

Order Code	<div style="text-align: center;"> Model Connection I/P Voltage I/P Current Frequency Power Supply </div>						
	Item	Model	Connection	Input Voltage	Input Current	Frequency	Power supply
WATT	TR-WAT	1 : 1P 2W	1 : 110 V	1 : 1 A	5 : 50 Hz	1 : 110 ACV	
VAR	TR-VAR	3 : 3P 3W	2 : 220 V	5 : 5 A	6 : 60 Hz	2 : 220 ACV	
PF	TR-PFT	4 : 3P 4W	3 : 380 V				

* PF = Power Factor P = Phase W = Wire
 * 3P4W Input Voltage is specified to Line-Neutral voltage , for example 3P4W Input Voltage (Line-Neutral) is 220 ACV, then the Line-Line voltage is 380 ACV.
 * Order code example : Item (WATT), Connection (3P 4W), Input Voltage (220V, Line-Neutral), Input Current (5 A), Frequency (50 Hz), Power Supply (220 ACV)/ The order code will be TR-WAT42552

Item	WATT Transmitter, VAR (apparent power) Transmitter, Power Factor (PF) Transmitter																																								
Connection	1P 2W (1 phase 2 wires), 3P 3W (3 phase 3 wires), 3P 4W (3 phase 4 wires)																																								
Input Voltage * Isolated	110 V Effective Range : 30 ACV - 150 ACV. 220 V Effective Range : 30 ACV - 300 ACV. * 3P4W Input Voltage is specified to Line-Neutral voltage. 380 V Effective Range : 40 ACV - 500 ACV.																																								
Input Current * Isolated	1 A Effective Range : 0 - 1.5 A AC. 5 A Effective Range : 0 - 7.5 A AC.																																								
Frequency	50 Hz, 60 Hz																																								
Output of Watt, VAR Transmitter	4 - 20 mA, Zero output (No Load) = 4 mA, Full Load (Full Scale) output = 20 mA. Full Load (Full Scale) value list of WATT & VAR transmitter																																								
<table border="1"> <thead> <tr> <th colspan="2">INPUT</th> <th>1P2W</th> <th>3P3W</th> <th>3P4W</th> </tr> <tr> <th colspan="2"></th> <th>WATT; VAR</th> <th>WATT; VAR</th> <th>WATT; VAR</th> </tr> </thead> <tbody> <tr> <td>100 V to</td> <td>1 A</td> <td>100</td> <td>200</td> <td>300</td> </tr> <tr> <td>120 V</td> <td>5 A</td> <td>500</td> <td>1000</td> <td>1500</td> </tr> <tr> <td>200 V to</td> <td>1 A</td> <td>200</td> <td>400</td> <td>600</td> </tr> <tr> <td>240 V</td> <td>5 A</td> <td>1000</td> <td>2000</td> <td>3000</td> </tr> <tr> <td>380 V to</td> <td>1 A</td> <td>400</td> <td>800</td> <td>1200</td> </tr> <tr> <td>440 V</td> <td>5 A</td> <td>2000</td> <td>4000</td> <td>6000</td> </tr> </tbody> </table>		INPUT		1P2W	3P3W	3P4W			WATT; VAR	WATT; VAR	WATT; VAR	100 V to	1 A	100	200	300	120 V	5 A	500	1000	1500	200 V to	1 A	200	400	600	240 V	5 A	1000	2000	3000	380 V to	1 A	400	800	1200	440 V	5 A	2000	4000	6000
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380 V to	1 A	400	800	1200																																					
440 V	5 A	2000	4000	6000																																					
Output of Power Factor Transmitter	4 - 20 mA - 0.5 Power Factor value = 4 mA output 0 Power Factor value = 12 mA output + 0.5 Power Factor value = 20 mA output																																								
Output Protection	Without damage for output open or short circuit..																																								
Common Mode Rejection	≥ 120 dB, 50/60 Hz.																																								
Operation Temperature Humidity	0 to 60 °C 32 - 140 °F Less than 85 % RH (Non condensed).																																								
Housing Material	ABS plastic, self-extinguishing to UL 94 V-0.																																								
Size	120 H x 110 W x 80 L mm. Refer Fig. 2.																																								
Mounting	Din rail or Wall.																																								

Lutron Electronic, CE, IEC1010, since 1976