



# Power Line Transducers



SINCE 1962

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**19 - 21 APRIL 2011**  
**AT ITPO, Pragati Maidan,**  
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## Features

- Terminal Protection Cover
- Reliable & Rugged Static Circuits
- Low Ripple in Output Signal
- Flame Retardant Polycarbonate Case
- Choice of Multiple Asymmetrical Outputs
- Wide Choice of Suppressed Ranges
- Open and Short Circuit Protection for Outputs
- Dual Output (Non Isolated / Isolated)
- Self-Powered, AC, DC, SMPS AC/DC
- Aux Supply
- Choice of Din Rail / Back Panel
- Mounting Case
- Bi-Directional Outputs
- Fast Response Time
- Bi-Directional Inputs for Import / Export



S/N	Model	Auxiliary Power Supply		Type of Input		Type of Output		Isolation		Other										
		110-230V AC	24-48/110-230V DC	SMPS-01/15/40V AC/DC	SMPS-05/05-20/1 AC/DC	Self Powered	Bi-Directional	Expanded / Suppressed	Single / Dual (Asymmetrical / Asymmetrical)	Dual Isolated / Dual Non-Isolated	B-Directional	Expanded / Suppressed	2,3W Between Input / Output / Isolated Case	40W Between Input / Output / Isolated Case	2,3W Between Output 1 / Output 2	Average	TRMS	External Zero & Span Adjustment		
1	AC Current	✓	NA	✓	✓	NA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	AC Voltage	✓	NA	✓	✓	NA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Frequency Transducer	✓	✓	✓	✓	NA	NA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	✓
4	W / KW / MW (IP 1E, 2W) - TRMS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	✓
5	W / KW / MW (IP 1E - Balanced Load) - TRMS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	✓
6	W / KW / MW (IP 2E, 3W - Balanced & Unbalanced Load) - TRMS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	✓
7	W / KW / MW (IP 2E, 4W - Balanced & Unbalanced Load) - TRMS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	✓
8	V <sub>ar</sub> / K <sub>V</sub> ar / M <sub>V</sub> ar (IP 1E, 2W) - TRMS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	✓
9	V <sub>ar</sub> / K <sub>V</sub> ar / M <sub>V</sub> ar (IP 1E - Balanced Load) - TRMS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	✓
10	V <sub>ar</sub> / K <sub>V</sub> ar / M <sub>V</sub> ar (IP 2E, 3W - Bal. & Unbal. Load) - TRMS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	✓
11	V <sub>ar</sub> / K <sub>V</sub> ar / M <sub>V</sub> ar (IP 2E, 4W - Bal. & Unbal. Load) - TRMS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	✓
12	PF (IP 1E, 2W) - Zero Crossing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	✓
13	PF (IP 1E, 2W - Balanced Load) - Zero Crossing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	✓
14	PF (IP 2E, 3W - Balanced & Unbalanced Load) - TRMS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	✓
15	PF (IP 2E, 4W - Balanced & Unbalanced Load) - TRMS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	✓
16	DC Isolation / DC-DC Converter for Current and Voltage	✓	NA	✓	NA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	✓
17	RTD Temperature Transducer	✓	NA	✓	NA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	✓
18	TAP Position Transducer	✓	NA	✓	NA	NA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	✓

Note: ✓ Indicates Choice of Standard / Optional features possible for DIN Series. Please specify your requirement of all Standard / Optional specifications clearly at the time of ordering. NA denotes not applicable.

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