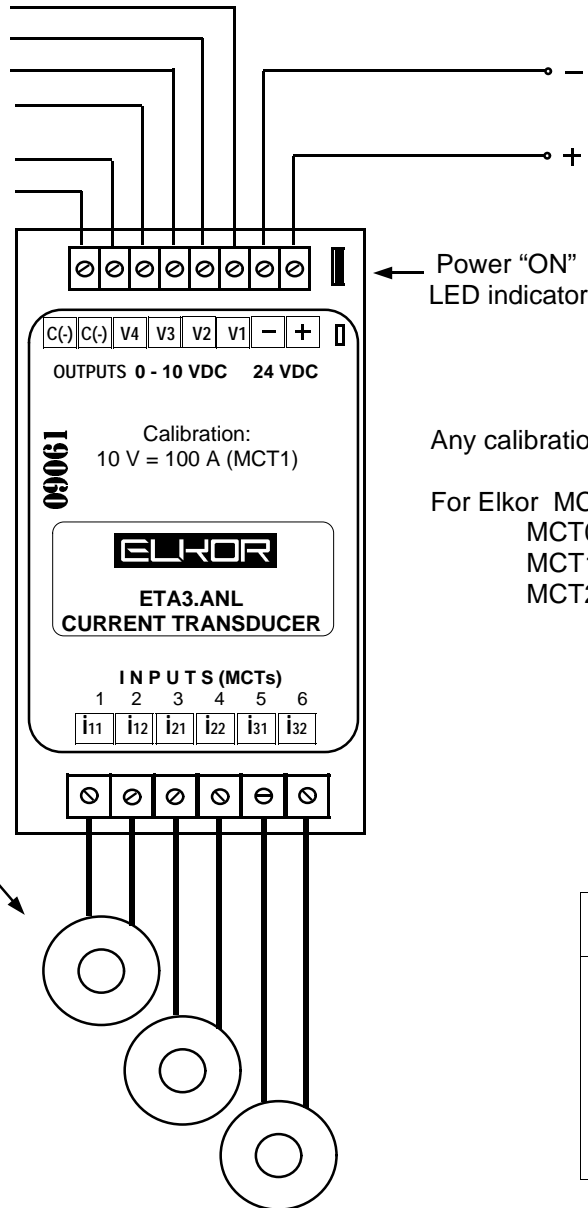


Outputs: 0-5 VDC or 0-10 VDC

- V1 (+) Current 1 (Input 1)
- V2 (+) Current 2 (Input 2)
- V3 (+) Current 3 (Input 3)
- V4 (+) Averaged Current

(-) Commons for all outputs



- Power Supply 24 VAC or 24 VDC
Vmin=18 V, Vmax=28 V;
Imax < 30 mA
- NOTE: Negative power supply terminal and output signal 'common' (-) are electrically tied together.

Any calibration may be ordered (not to exceed CTs primary current rating).

For Elkor MCT/MSCT series current sensors the ratings are as follows:

MCT05	I max = 75 A	MSCT1	I max = 150 A
MCT1	I max = 150 A	MSCT2	I max = 600 A
MCT2	I max = 300 A	MSCT3	I max = 1500 A

Interfacing Current Transformer

- Do not feed load current directly to the unit. Always use interfacing CTs. Dedicated 5 A CTs or Elkor MCT/MSCT sensors are recommended.
- Shorting blocks are recommended for all 5A CTs.
- CTs polarity is not critical
- For best accuracy the maximum wire distance from 5A CTs to the unit should be as indicated in the table.

Maximum distance between 5A CTs and the ETA3
(in meters/feet)
Transducer's burden = 0.75 VA

VA AWG	2.0	7.5	10.0	15.0	25.0	35.0
20	0.7/2.3	3.9/13	5.4/18	8.4/27	14/47	20/66
18	1.1/3.8	6.3/20	8.6/28	13/43	22/74	32/105
16	1.9/6.2	10/33	14/46	21/71	36/121	52/171
14	3/10	16/53	22/72	33/110	57/188	81/266
12	4.7/15.5	25/83	35/114	44/145	91/300	130/423

! DO NOT GROUND CTs !

ETA3.ANL - WIRING

a3_ANL_wire_MCT/MOCT