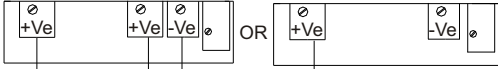


## Current Transformer - Linear



Weight : @95 gms.

Circuit diagram



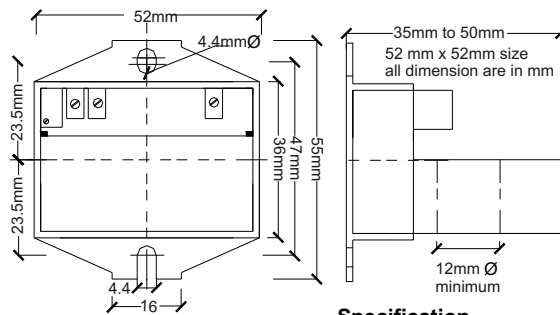
+24VDC Input Buffer Output 0→10VDC CT Output 0→10VDC Self generated

Current transformer produces 0→10VDC output signal that is directly proportional to the input AC current. The output signal is average sensing, precisely calibrated for RMS current.

The current transformer is made up of high Permeability, Low loss, small retentivity, high saturation limit.

This transducers is used with process control and industrial instrumentation for Measurement of current. The DC output 0→ 10VDC signal can be connected directly to a high impedance analog input of (A to D convertor) PLC/Micro controller for analysis or display the current.

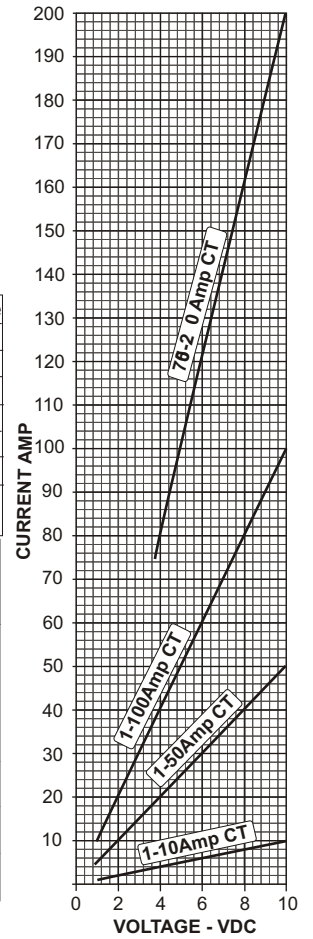
This current transducer can not be damaged due to short circuit or motor inrush current up to 200% times of rated current.



### Specification

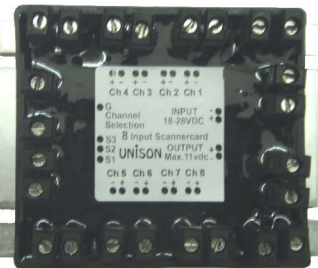
Accuracy	+ 3% of rated value
Frequency	48 to 63Hz
Max output voltage	11VDC
Response time	500 mill second
Insulation class	600VRMS
Operating temperature	-5 to 80 °C
Ripple	5%max
Buffer output	0-2vdc to 10.5vdc Max. 10mA current

C.T. Type	Indian@ Rs./Each 100nos>	Indian@ Rs./Each 100nos> With buffer
0.2→2Amp proportional 1→10VDC (1Amp = 5VDC)	325.00	350.00
1→10Amp proportional 1→10VDC (1Amp = 1VDC)	335.00	360.00
1→50Amp proportional 0→10VDC (1Amp = 0.2VDC)	345.00	370.00
1→100Amp proportional 1→10VDC (1Amp = 0.1VDC)	350.00	375.00
75→200Amp proportional 1→10VDC (1Amp = 0.05VDC)	430.00	500.00
8→30Amp proportional 2.5→10VDC (1Amp = 0.333VDC)	-	-

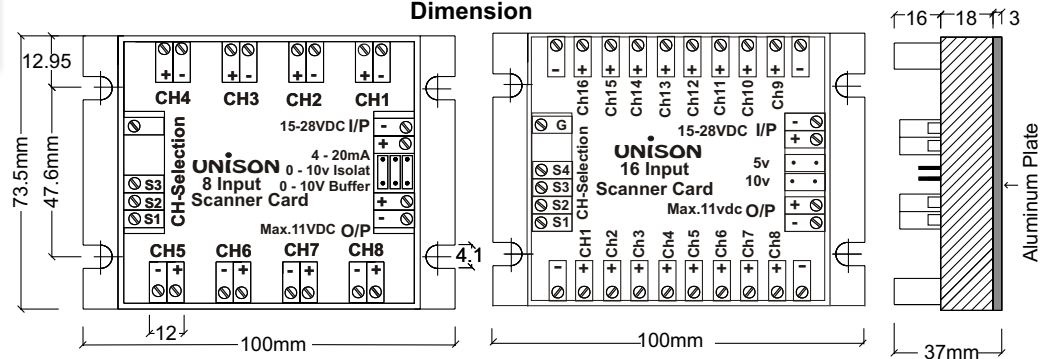


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## Scanner Card



### Dimension



### SCANNER CARD Weight : @255 gms.

This is Analog Multiplexers of 8 - channel or 16 - channel. This analog switch is controlled digitally.

This will take analog input 8 nos. or 16 nos., 0-10VDC and gives only one analog output as per corresponding to analog input which is controlled by digital signals.

This scanner card takes 8 or 16 different input of 0 to 10VDC from current transducers, pressure transducers & temperature transducers and only one analog output gives to PLC. As per PLC controlled or scanned digitally. All 8 analog or 16 analog data feed to PLC due to it PLC will analyses and display or error message will be demonstrated.

### Specification

Input	0 to 10 VDC current max. 20mA
Maximum input	18VDC
Output	0 to 10VDC current max. 20mA
Common mode rejection	75mv
scanning speed	2000ns per channel (multiply number of channel)
Digital signal	3-32VDC, 2-20mA
Power supply.	18 to 28VDC/300mA regulated

Input	Output	Indian@ Rs./Each 100nos>
1 to 8 channel 0-10VDC	4-20mA, 0-10VDC, 0-5VDC	1100.00
1 to 16 channel 0-10VDC	0-10VDC, 0-5VDC	1450.00

Scanning for 8 input  
(Ch1 To CH8)

S3	S2	S1	O/P
0	0	0	CH1
0	0	1	CH2
0	1	0	CH3
0	1	1	CH4
1	0	0	CH5
1	0	1	CH6
1	1	0	CH7
1	1	1	CH8

Scanning for 16 input  
(CH1 To CH16)

S4	S3	S2	S1	O/P
0	0	0	0	CH1
0	0	0	1	CH2
0	0	1	0	CH3
0	0	1	1	CH4
0	1	0	0	CH5
0	1	0	1	CH6
0	1	1	0	CH7
0	1	1	1	CH8
1	0	0	0	CH9
1	0	0	1	CH10
1	0	1	0	CH11
1	0	1	1	CH12
1	1	0	0	CH13
1	1	0	1	CH14
1	1	1	0	CH15
1	1	1	1	CH16

Note : Prices & Specifications are subject to change without prior notice.