

Characteristics

A Current Transformer (CT) reduces a high alternating current to a lower, proportional value. Measuring CTs are designed to operate accurately within their specified class over a current range of approximately 1% to 120% of the rated primary current. They are designed to meet standard accuracy limits when connected to the rated burden. Measuring CTs also saturate outside the normal operating range to protect connected instruments by limiting secondary current during fault conditions.

Construction

Elmex Low Voltage Current Transformers are engineered to supply accurate current signals to measuring instruments and protective devices. They are suitable for system voltages of 415V and 660V, with operating frequencies of 50 or 60 Hz. The transformers feature a polycarbonate-encapsulated construction to meet a wide range of application requirements.

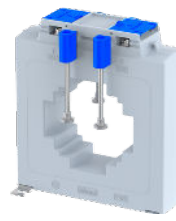
Pricing

ELPG3 Range



Code	Ratio A	Burden VA	Accuracy Class	ZAR Price
ELPG3-50	50/5	2,5	3	R206
ELPG3-75	75/5	1,5	1	R206
ELPG3-100	100/5	2,5	1	R212
ELPG3-150	150/5	5	1	R225
ELPG3-200	200/5	5	1	R225

ELPM1 Range



Code	Ratio A	Burden VA	Accuracy Class	ZAR Price
ELPM1-800	800/5	30	1	R610
ELPM1-1000	1000/5	40	1	R610
ELPM1-1250	1250/5	40	1	R610

ELPIM2 Range



Code	Ratio A	Burden VA	Accuracy Class	ZAR Price
ELPIM2-150	150/5	5	1	R328
ELPIM2-200	200/5	7,5	1	R328
ELPIM2-250	250/5	10	1	R328
ELPIM2-300	300/5	12,5	1	R328
ELPIM2-400	400/5	15	1	R352
ELPIM2-500	500/5	15	1	R366
ELPIM2-600	600/5	25	1	R385

ELPM2 Range



Code	Ratio A	Burden VA	Accuracy Class	ZAR Price
ELPM2-1250	1250/5	20	0,5	R610
ELPM2-1600	1600/5	20	0,5	R685
ELPM2-2000	2000/5	20	0,5	R745
ELPM2-2500	2500/5	20	0,5	R780
ELPM2-3000	3000/5	20	0,5	R840

ELPL1 Range



Code	Ratio A	Burden VA	Accuracy Class	ZAR Price
ELPL1-600	600/5	25	1	R507
ELPL1-800	800/5	30	1	R507
ELPL1-1000	1000/5	35	1	R516
ELPL1-1250	1250/5	35	1	R516

PLEASE NOTE:

- 1) All prices exclude VAT and are ex stores Germiston, Gauteng.
- 2) Items sold are subject to our standard trading conditions which are available on request.
- 3) All prices that appear on the price list are subject to change without notice. When placing your orders, please confirm price and availability.
- 4) Check with sales that the current price list issue, appearing top left, is being used.
- 5) Hagar Distribution reserves the right to change price, based on supplier pricing changes, fluctuation of exchange rate and/or other factors.
- 6) Items listed above are normally kept in stock. If any CT product is required that is not on the list, prices and availability will be offered.

An upfront payment may be required in this case.

- 7) All goods remain the property of Hagar Distribution until payment in full is received. Please refer to our Terms & Conditions of sale.

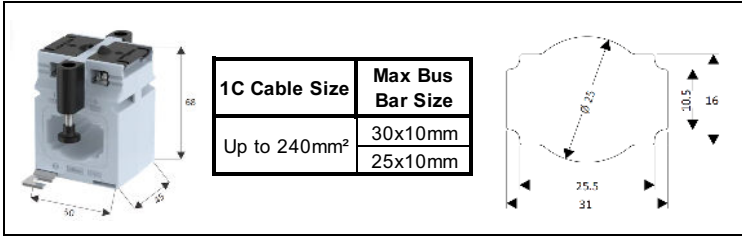
General Specification

Highest System Voltage: 720V, 50 / 60 Hz
Basic Insulation Level: 0.72 / 4.0 kV
Rated Primary Current: 50A to 3000 A (other ratings on request)
Rated Secondary Current: 5 A or 1 A (on request)
Insulation Class: E (Offered B or F on request)

Storage Temperature: -40°C to +90°C
Average Ambient: -20°C to +45°C
Connections: (S1-S2) 2 x M5 size brass terminals
Applicable Standard: IEC - 61869 / IS - 16227
Standard Burden: 2.5, 5, 7.5, 10, 12.5, 15, 20, 25, 30, 35, 40 VA

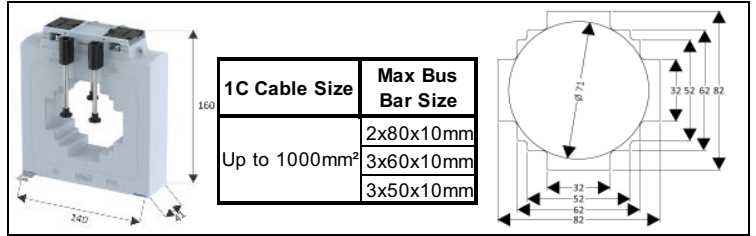
Dimension Data

ELPG3 Range



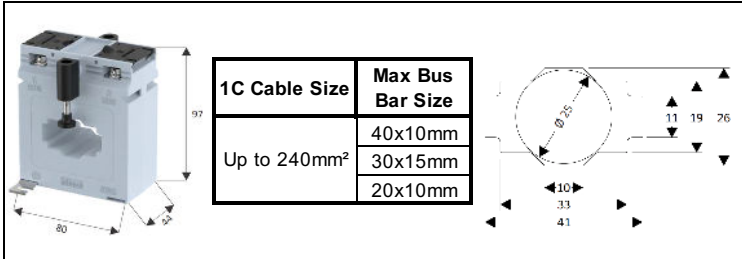
1C Cable Size	Max Bus Bar Size
Up to 240mm ²	30x10mm 25x10mm

ELPM1 Range



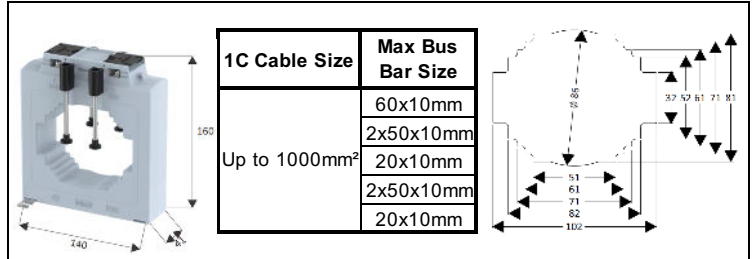
1C Cable Size	Max Bus Bar Size
Up to 1000mm ²	2x80x10mm
	3x60x10mm
	3x50x10mm

ELPIM2 Range



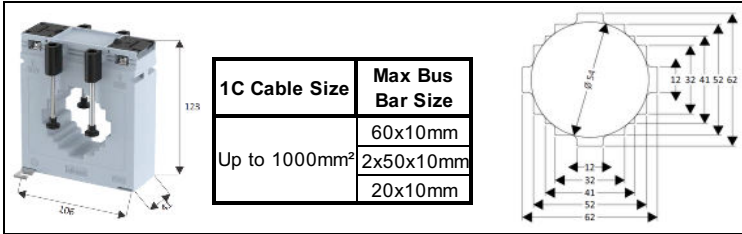
1C Cable Size	Max Bus Bar Size
Up to 240mm ²	40x10mm
	30x15mm
	20x10mm

ELPM2 Range



1C Cable Size	Max Bus Bar Size
Up to 1000mm ²	60x10mm
	2x50x10mm
	20x10mm
	2x50x10mm
	20x10mm

ELPL1 Range



1C Cable Size	Max Bus Bar Size
Up to 1000mm ²	60x10mm
	2x50x10mm
	20x10mm

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