MVG POWER SOLUTIONS

POWER YOU TRUST

Current Transformers

Plastic Ring Type · Metering Class



Shown: 600/5A (left) and 50/5A (right)

MVG Power Solutions
New Delhi, India
www.mvgpowersolutions.in

For prices and availability
Contact our sales team

Plastic Ring Type Metering CTs

Plastic ring current transformers for accurate current measurement in energy meters, electrical panels, DG sets and power monitoring. Twelve standard ratios for primary currents from 30A to 600A.

01
Plastic ring construction
Lightweight ring body for panel and cable metering.

02
Class 1.0 accuracy
Metering class 1.0 across the full range.

03
Wide primary range
30A to 600A in standard models.

04
Burden options
2.5 VA for 60-150A, 5 VA for 200-600A. 30/5A up to 15 VA.

05
Twelve ratios
30, 40, 50, 60, 100, 150, 200, 250, 300, 400, 500, 600 /5A.

06
Secondary current
5A secondary across the range.

Model range

Ratio (primary/5A)	Inner dia / ID (mm)	Primary (A)	Accuracy class	Rated burden (VA)
30/5A	35	30	1.0	2.5 / 5 / 10 / 15
40/5A	35	40	1.0	Refer to sales
50/5A	35	50	1.0	Refer to sales
60/5A	35	60	1.0	2.5
100/5A	35	100	1.0	2.5
150/5A	35	150	1.0	2.5
200/5A	Refer to sales	200	1.0	5
250/5A	Refer to sales	250	1.0	5
300/5A	Refer to sales	300	1.0	5
400/5A	Refer to sales	400	1.0	5
500/5A	Refer to sales	500	1.0	5
600/5A	Refer to sales	600	1.0	5

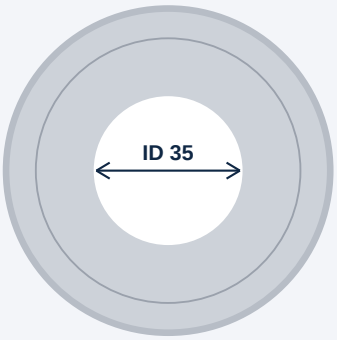
Specification at a glance

Type	**Plastic ring core**	Application	**Metering / current measurement**
Accuracy class	**1.0**	Secondary current	**5A**

35 mm ID Series

ID 35 mm | 30 - 150A
Plastic ring core

DIMENSIONAL SKETCH — mm | not to scale



FRONT VIEW

OD and width: refer to sales for drawings

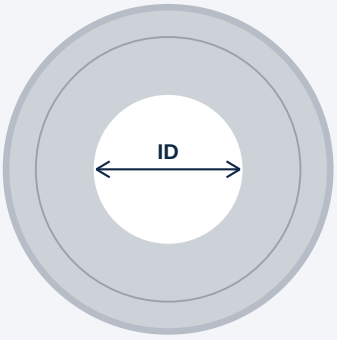
Ratio (primary/5A)	Class	RATED BURDEN (VA) 2.5	5	10	15
30/5A	1.0	●	●	●	●
40/5A	1.0	Refer to sales			
50/5A	1.0	Refer to sales			
60/5A	1.0	●	—	—	—
100/5A	1.0	●	—	—	—
150/5A	1.0	●	—	—	—

35 mm	Plastic ring	5A
Inner dia (ID)	Core type	Secondary current

200 - 600A Series

ID | refer to sales
Plastic ring core

DIMENSIONAL SKETCH — mm | not to scale



FRONT VIEW

OD and width: refer to sales for drawings

Ratio (primary/5A)	Class	RATED BURDEN (VA) 2.5	5	10	15
200/5A	1.0	—	●	—	—
250/5A	1.0	—	●	—	—
300/5A	1.0	—	●	—	—
400/5A	1.0	—	●	—	—
500/5A	1.0	—	●	—	—
600/5A	1.0	—	●	—	—

5 VA	Plastic ring	5A
Rated burden	Core type	Secondary current

How to order

1

Choose the ratio
Pick the primary current you need, from 30/5A to 600/5A.

2

Check the burden
2.5 VA, 5 VA or as listed for that ratio.

3

Mention the details
Ratio, class, VA burden and inner diameter, to avoid any confusion.

4

Contact sales
For prices, availability and bulk enquiries. MOQ is 100 pieces.

Special requirements

Suitable for metering, electrical panels, DG sets and power monitoring. Bulk quantity supply available. For other ratios, class, burden, inner diameter or outer dimensions, please speak to our sales team.

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