POWER SOLUTIONS
POWER YOU TRUST

Current Transformers

Encapsulated Round Type · Metering Class





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

For prices and availability
Contact our sales team

Round Type Metering CTs

Encapsulated round type current transformers for accurate current measurement in energy meters and panel metering. Available in five sizes from 35 mm to 115 mm inner diameter, for primary currents from 50A to 2500A.

01
Encapsulated construction
Robust round body for panel and cable metering.

02
Class 1.0 metering accuracy
Class 0.5 available on request.

03
Wide primary range
50A to 2500A in standard models.

04
Flexible burden options
2.5/5, 10 and 15 VA by ratio.

05
Five sizes
35 mm to 115 mm inner diameter, 40 mm width.

06
Secondary options
5A standard. 1A secondary on request.

Model range

Model	ID (mm)	OD (mm)	Width (mm)	Primary (A)	Burden (VA)
8040-MVG-R-35	35	80	40	50 - 300	2.5/5 - 15
9040-MVG-R-45	45	90	40	200 - 500	2.5/5 - 15
12040-MVG-R-65	65	120	40	400 - 1000	2.5/5 - 15
13540-MVG-R-85	85	135	40	600 - 1200	2.5/5 - 15
17040-MVG-R-115	115	170	40	800 - 2500	10 - 15

Specification at a glance

Type	**Encapsulated round, BPL**	Application	**Metering / current measurement**
Accuracy class	**1.0 (0.5 on request)**	Secondary current	**5A (1A on request)**

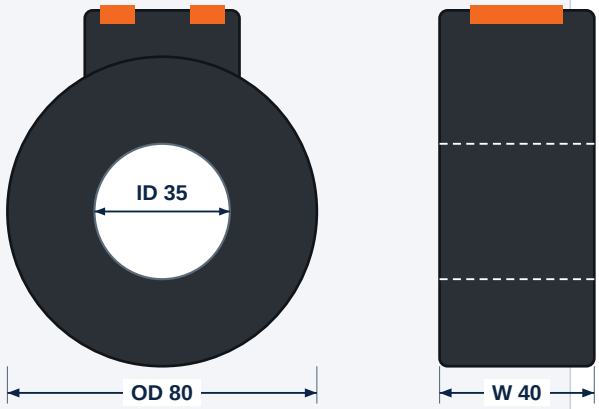


Product images are illustrative

8040-MVG-R-35

ID 35 mm | OD 80 mm
Width 40 mm

DIMENSIONAL SKETCH — mm | not to scale



ID = inner diameter | OD = outer diameter | W = width

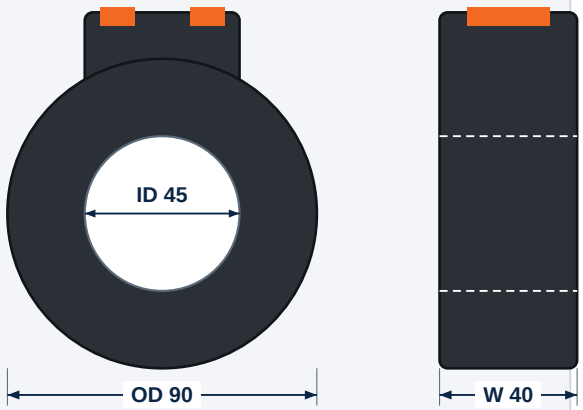
Ratio (primary/5A)	AVAILABLE BURDEN (VA) 2.5/5	10	15
50-60/5A	●	–	–
100/5A	●	●	–
150/5A	●	●	●
200/5A	●	●	●
250/5A	●	●	●
300/5A	●	●	●

35 mm	80 mm	40 mm
Inner dia (ID)	Outer dia (OD)	Width (W)

9040-MVG-R-45

ID 45 mm | OD 90 mm
Width 40 mm

DIMENSIONAL SKETCH — mm | not to scale



ID = inner diameter | OD = outer diameter | W = width

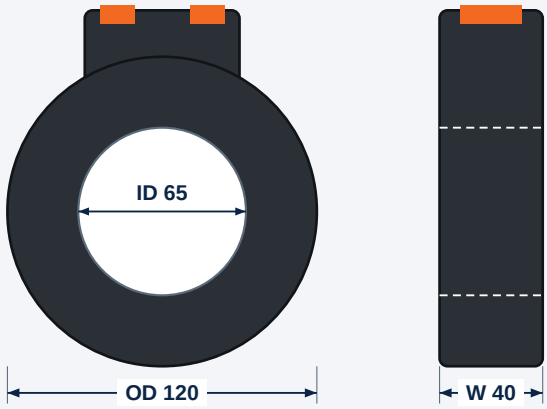
Ratio (primary/5A)	AVAILABLE BURDEN (VA) 2.5/5	10	15
200/5A	●	●	●
300/5A	●	●	●
400/5A	●	●	●
500/5A	●	●	●

45 mm	90 mm	40 mm
Inner dia (ID)	Outer dia (OD)	Width (W)

12040-MVG-R-65

ID 65 mm | OD 120 mm
Width 40 mm

DIMENSIONAL SKETCH — mm | not to scale



ID = inner diameter | OD = outer diameter | W = width

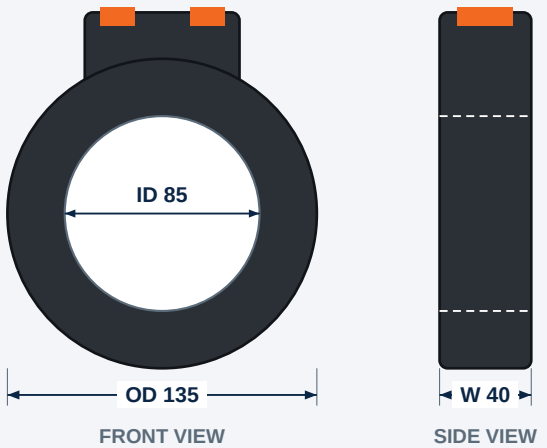
Ratio (primary/5A)	AVAILABLE BURDEN (VA) 2.5/5	10	15
400/5A	●	●	●
500/5A	●	●	●
600/5A	●	●	●
800/5A	●	●	●
1000/5A	●	●	●

65 mm	120 mm	40 mm
Inner dia (ID)	Outer dia (OD)	Width (W)

13540-MVG-R-85

ID 85 mm | OD 135 mm
Width 40 mm

DIMENSIONAL SKETCH — mm | not to scale



ID = inner diameter | OD = outer diameter | W = width

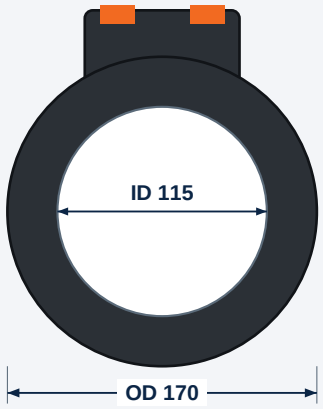
Ratio (primary/5A)	AVAILABLE BURDEN (VA) 2.5/5	10	15
600/5A	●	●	●
800/5A	●	●	●
1000/5A	●	●	●
1200/5A	–	●	●

85 mm	135 mm	40 mm
Inner dia (ID)	Outer dia (OD)	Width (W)

17040-MVG-R-115

ID 115 mm | OD 170 mm
Width 40 mm

DIMENSIONAL SKETCH — mm | not to scale



FRONT VIEW — SIDE VIEW

ID = inner diameter | OD = outer diameter | W = width

Ratio (primary/5A)	AVAILABLE BURDEN (VA) 2.5/5	10	15
800/5A	–	●	●
1000/5A	–	●	●
1200/5A	–	●	●
1600/5A	–	●	●
2000/5A	–	●	●
2500/5A	–	●	●

115 mm	170 mm	40 mm
Inner dia (ID)	Outer dia (OD)	Width (W)

How to order

1 — Choose the model
Pick the inner diameter that fits your cable or busbar.

2 — Select ratio and burden
Ratio such as 100/5A, with the VA burden marked for that ratio.

3 — Mention the details
Inner diameter, outer diameter, ratio, class and VA burden, to avoid any confusion.

4 — Contact sales
For prices, availability and bulk or customised enquiries.

Special requirements

Class 0.5 accuracy, 1A secondary current, class 0.5S and protection class CTs in this category are available on request. For detailed drawings and exact specifications, please refer to the main catalogue or speak to sales.

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