MVG POWER SOLUTIONS
POWER YOU TRUST

Current Transformers

Encapsulated Square Type · Metering Class



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

For prices and availability
Contact our sales team

Square Type Metering CTs

Encapsulated square type current transformers for accurate current measurement in energy meters and panel metering. Available in four aperture sizes to suit cables and busbars from 50A to 1000A primary current.

01
Encapsulated construction
Compact, robust square body for panel mounting.

02
Class 1.0 metering accuracy
Class 0.5 available on request.

03
Wide primary range
50A to 1000A in standard models.

04
Flexible burden options
1.5, 2.5, 5, 10 and 15 VA by model.

05
Cable or busbar use
Round aperture plus rectangular busbar window.

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

Model range

Model	Aperture Ø	Busbar window	H x L x W (mm)	Primary (A)	Burden (VA)
MVG-20-2210	22 mm	22 x 10	70 x 50 x 32	50 - 200	1.5 - 2.5
MVG-30-3210	32 mm	32 x 10	70 x 50 x 32	50 - 300	1.5 - 2.5
MVG-33-3212	32 mm	32 x 12	75 x 60 x 35	50 - 300	1.5 - 5
MVG-40-4210	42 mm	42 x 12	78 x 60 x 35	250 - 600	5 - 15
MVG-60-6215	62 mm	62 x 15	110 x 60 x 40	500 - 1000	5 - 15

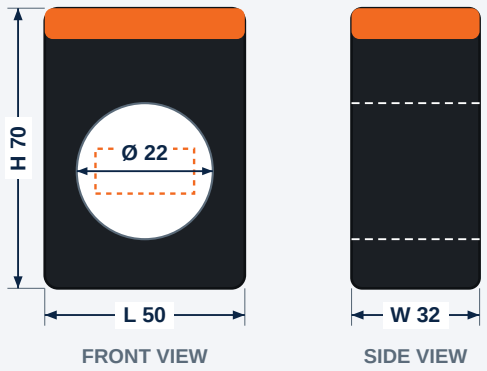
Specification at a glance

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

MVG-20-2210

Aperture Ø 22 mm
Busbar window 22 x 10 mm

DIMENSIONAL SKETCH — mm | not to scale



Round aperture Ø 22 — Busbar window 22 x 10

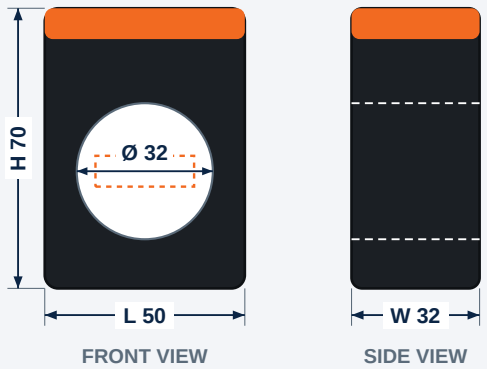
Ratio (primary/5A)	AVAILABLE BURDEN (VA) 1.5	2.5	5	10	15
50-60/5A	●	–	–	–	–
100/5A	●	●	–	–	–
150-200/5A	●	●	–	–	–

70 mm	50 mm	32 mm
Height (H)	Length (L)	Width (W)

MVG-30-3210

Aperture Ø 32 mm
Busbar window 32 x 10 mm

DIMENSIONAL SKETCH — mm | not to scale



Round aperture Ø 32 — Busbar window 32 x 10

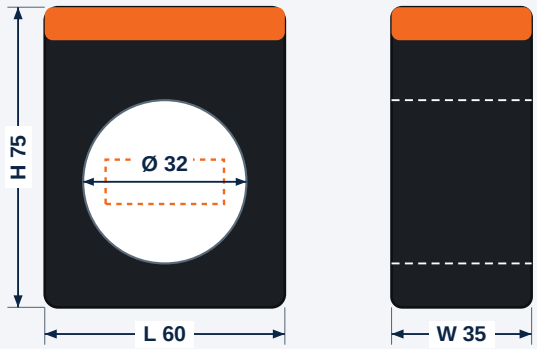
Ratio (primary/5A)	AVAILABLE BURDEN (VA) 1.5	2.5	5	10	15
50-60/5A	●	–	–	–	–
100-200/5A	●	●	–	–	–
250/5A	●	●	–	–	–
300/5A	●	●	–	–	–

70 mm	50 mm	32 mm
Height (H)	Length (L)	Width (W)

MVG-33-3212

Aperture Ø 32 mm
Busbar window 32 x 12 mm

DIMENSIONAL SKETCH — mm | not to scale



◯ Round aperture Ø 32 ⬚ Busbar window 32 x 12

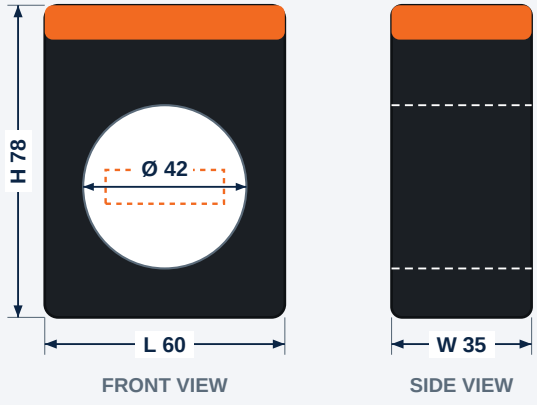
Ratio (primary/5A)	AVAILABLE BURDEN (VA) 1.5	2.5	5	10	15
50-60/5A	●	●	–	–	–
100/5A	●	●	–	–	–
150/5A	●	●	●	–	–
200/5A	●	●	●	–	–
250/5A	●	●	●	–	–
300/5A	●	●	●	–	–

75 mm	60 mm	35 mm
Height (H)	Length (L)	Width (W)

MVG-40-4210

Aperture Ø 42 mm
Busbar window 42 x 12 mm

DIMENSIONAL SKETCH — mm | not to scale



◯ Round aperture Ø 42 ⬚ Busbar window 42 x 12

Ratio (primary/5A)	AVAILABLE BURDEN (VA) 1.5	2.5	5	10	15
250/5A	–	–	●	●	●
300/5A	–	–	●	●	●
400/5A	–	–	●	●	●
500/5A	–	–	●	●	●
600/5A	–	–	●	●	●

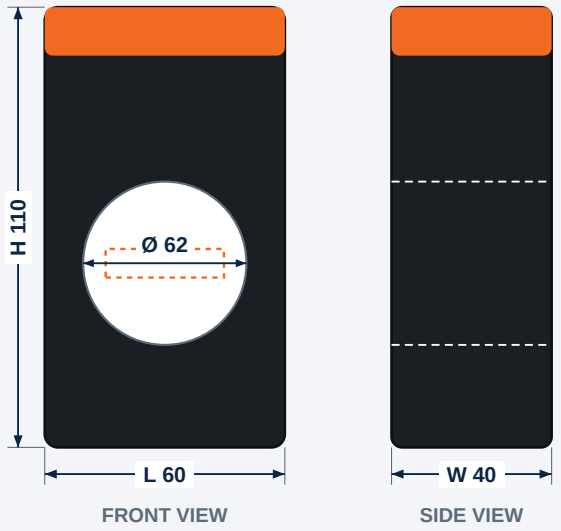
78 mm	60 mm	35 mm
Height (H)	Length (L)	Width (W)

MVG-60-6215

Aperture Ø 62 mm
Busbar window 62 x 15 mm

DIMENSIONAL SKETCH

mm | not to scale



Round aperture Ø 62 — Busbar window 62 x 15

Ratio (primary/5A)	AVAILABLE BURDEN (VA) 1.5	2.5	5	10	15
500/5A	–	–	●	●	●
600/5A	–	–	●	●	●
800/5A	–	–	●	●	●
1000/5A	–	–	●	●	●

110 mm	60 mm	40 mm
Height (H)	Length (L)	Width (W)

How to order

1 — Choose the model
Pick the aperture 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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