

Variable Voltage Transformers



A variable transformer is an efficient and trouble free method of varying AC voltages.

The output voltage is varied by rotating a carbon tipped brush arm along a silver plated commutator, either manually or by means of a motor drive.

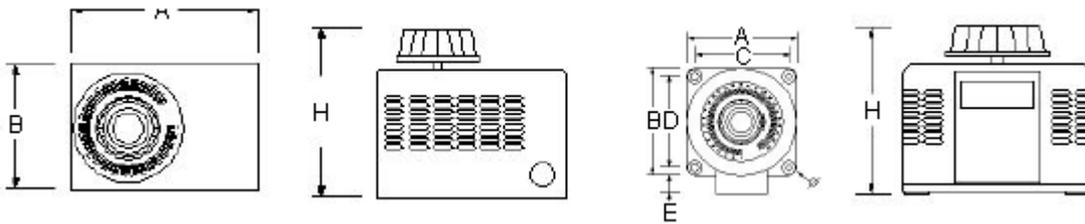
The voltage output can be varied from zero up to line voltage.

The variable transformers are available in single and three phase construction. Both open type or housed in a metal enclosure. The single phase variables are also available in a popular encapsulated style.

Features:

- No distortion of waveform
- Negligible maintenance
- Overload capacity.
- Low magnetising current.
- Smooth linear output.
- High efficiency / excellent regulation.
- Low operating torque.

Single Phase Enclosed Type



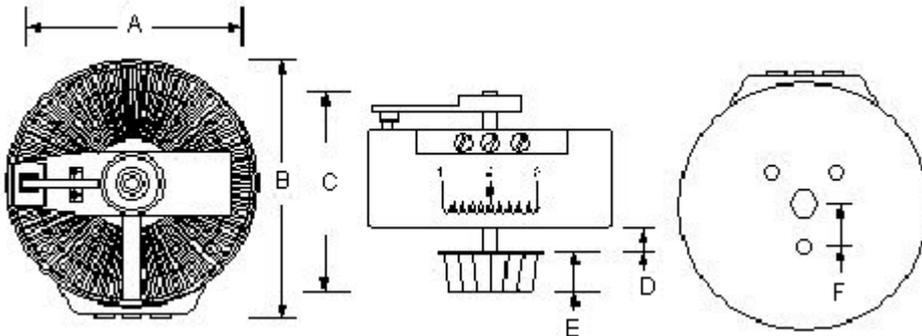
Specifications Table

Description	Rating Amps	Dimension (mm)							Weight (kg)	Part Number
		A	B	C	D	E	H	Ø		
TRANSFORMER, VARIABLE, 0.7A	0.7	160	130	N/a	N/a	N/a	160	N/a	3.8	MCCMV 0.7E-1
TRANSFORMER, VARIABLE, 2A	2									MCCMV 2E-1
TRANSFORMER, VARIABLE, 3A	3									MCCMV 3E-1
TRANSFORMER, VARIABLE, 5A	5	175	175	146	146	35	170	10	7.8	MCCMV 5E-1
TRANSFORMER, VARIABLE, 8A	8									MCCMV 8E-1
TRANSFORMER, VARIABLE, 10A	10									MCCMV 10E-1
TRANSFORMER, VARIABLE, 15A	15	225	225	176	176	40	190	11	16	MCCMV 15E-1
TRANSFORMER, VARIABLE, 20A	20									MCCMV 20E-1
TRANSFORMER, VARIABLE, 28A	28	300	300	238	238	70	225	13	26	MCCMV 28E-1

Variable Voltage Transformers



Single Phase Encapsulated Type



Specifications Table

Description	Rating Amps	Dimension (mm)							Weight (kg)	Part Number
		A	B	C	D	E	F	Ø		
TRANSFORMER, VARIABLE, 1A	1	86	100	105	6	30	15	M3	1.75	MCCMV 1X-1
TRANSFORMER, VARIABLE, 1.5A	1.5	113	130	127			15		2.75	MCCMV 1.5X-1
TRANSFORMER, VARIABLE, 2A	2						15		3.25	MCCMV 2X-1
TRANSFORMER, VARIABLE, 4A	4	165	165	120			22.5	M6	6.5	MCCMV 4X-1
TRANSFORMER, VARIABLE, 6A	6			125					7.5	MCCMV 6X-1
TRANSFORMER, VARIABLE, 8A	8			140					8.5	MCCMV 8X-1

Portable Unit



Features:

- 230/240V single phase input
- 13A output socket to BS1363A
- Output voltage range 115% of input.
- Voltmeter and ammeter
- Power on indication lamp
- Input & output fuse protection
- 1m 3-core input cable with BS1363A plug
- Size: (L) 210 x (B) 200 x (H) 270mm
- 3 x 4mm shrouded output test sockets
- Output on/off switch and control knob

Specifications Table

Description	Output Current (A)	Part Number
TRANSFORMER, VARIABLE, 5A	5	MCCMCTV5
TRANSFORMER, VARIABLE, 10A	10	MCCMCTV10

Benchtop Supply



Features:

- 230/240V single phase input
- 13A output socket to BS1363A
- Output voltage range 112% of input.
- Integral safety mains tester
- Illuminated power on/off switch
- Output on/off switch and control knob
- 1m 3-core input cable with BS1363A plug
- Output protection fuse

Variable Voltage Transformers



Specifications Table

Description	Output Current (A)	Part Number
TRANSFORMER, VARIABLE, 5A	5	MCCMSE 5
TRANSFORMER, VARIABLE, 10A	10	MCCMSE 10

Disclaimer This data sheet and its contents (the "Information") belong to the Premier Farnell Group (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. SPC Multicomp is the registered trademark of the Group. © Premier Farnell plc 2010.

<http://www.farnell.com>
<http://www.newark.com>
<http://www.cpc.co.uk>

