

DESCRIPTION: Three Phase, Zero Fired Control  
APPLICATION: Constant Resistance Loads

100% Power Factor  
No Harmonics

Model Number	Fuse Amps	kVA @ Max Rated Volts	Open Chassis Dimensions Inches			Open Chassis List Price	Ventilated Dimensions H x W x D
			Height	Width	Depth		
<b>THREE PHASE, 240 VAC INPUT, 0-238 VAC OUTPUT, 50/60Hz (ALSO FOR 220/230 VAC INPUT, For 208 VAC See Note 6)</b>							
18EZ-2-10	10	4	11	9	5.37	325.00	16 14 8
18EZ-2-20	20	8	11	9	5.37	351.00	16 14 8
18EZ-2-30	30	12	12.5	10.25	6.37	360.00	16 14 8
18EZ-2-50	50	20	13.25	11.25	6.5	491.00	16 14 8
18EZ-2-80	80	33	13.25	11.25	6.5	512.00	16 14 8
18EZ-2-120	120	49	14	14	9	994.00	24 24 12
18EZ-2-150	150	62	21	21	9	1016.00	24 24 12
18EZ-2-250	250	103	27	17	9.62	1330.00	36 24 12
18EZ-2-350	350	144	27	21	11	1424.00	36 30 12
18EZ-2-450	450	185	27	21	11	1631.00	42 30 12
18EZ-2-600	600	247	33	21	11	1984.00	42 36 12
18EZ-2-1200	1200	494	57	33	12.5	4338.00	90 36 20
<b>THREE PHASE, 480 VAC INPUT, 0-478 VAC OUTPUT, 50/60Hz (ALSO FOR 440 VAC INPUT, For 380/415 See Note 7)</b>							
18EZ-4-10	10	8.3	11	9	5.37	362.00	16 14 8
18EZ-4-20	20	16.6	11	9	5.37	371.00	16 14 8
18EZ-4-30	30	25.0	12.5	10.25	6.37	382.00	16 14 8
18EZ-4-50	50	41.0	13.25	11.25	6.5	501.00	16 14 8
18EZ-4-80	80	66.0	13.25	11.25	6.5	523.00	16 14 8
18EZ-4-120	120	99.0	14	14	9	994.00	24 24 12
18EZ-4-150	150	124	21	21	9	1016.00	24 24 12
18EZ-4-250	250	206	27	17	9.62	1330.00	36 24 12
18EZ-4-350	350	288	27	21	11	1424.00	36 30 12
18EZ-4-450	450	375	27	21	11	1631.00	42 30 12
18EZ-4-600	600	500	33	21	11	1984.00	42 36 12
18EZ-4-1200	1200	994	57	33	12.5	4338.00	90 36 20

**NOTES:**

- Standard units supplied with:
  - Manual control potentiometer on 2 feet of cable
  - Control isolation transformer (except where noted †)
  - Factory installed 2-millisecond fuses
- For recommended spare fuses, see FUSE CHART, Page 39. Use of any other fuse voids all warranties.
- Enclosures supplied by others must be properly ventilated. See VENT SCHEDULE, Page 43.
- Dimensions are approximate, refer to unit drawing for construction.
- For 3-phase, 4-wire systems specify 18EZ-x-xxx3P and multiply above price by 1.5
- For 208 VAC input add suffix "L" to unit number. See options, page 27.
- For 380/415 input, change voltage number to "3". See options page 27.



OPTION NAME	OPTION ORDER No.	OPTION DESCRIPTION	
ISOLATED CHASSIS	14A 14B	For installation in non-vented enclosures. Electrically Isolated Chassis, 10-30A, 480 VAC only. (Std. on 10-30A, 120/240 VAC) Electrically Isolated Chassis, 50-80A	
THERMISTOR TEMPERATURE CONTROL	15A 15B	Thermistor Bridge, Proportional, Automatic Temperature Control. Temperature Range 0-90°C Temperature Range 90-240°C	
OPTICALLY ISOLATED ma. CONTROL	21A 21B 21C 21D 21E 21H	For closed-loop applications only. (See Option 20 for open-loop applications) 1-5 ma., ≤1000 Ω 2-10ma., ≤1000 Ω 4-20 ma., ≤600 Ω 12-20 ma., ≤600 Ω 10-50 ma., ≤300 Ω Other. Specify ma. range and input impedance.	
HEATSINK OVERTEMP SWITCH	24A 24B	Overtemp trip of controller. For external indicating circuit or alarm.	
120V PILOT	28	120 VAC On/Off Pilot Control	
70-400Hz	30	For operation on power frequencies from 70-400Hz, and 16-2/3 or 25Hz.	
EXTERNAL POWER	33	External trigger circuit power. Specify voltage to be supplied.	
120 VAC INPUT	18EZ- <u>1</u> -etc.	Rated for 120 VAC (nominal) Input. (Change Model No. from 18EZ-2-etc. to 18EZ-1-etc.)	
208 VAC INPUT	18EZ-2- <u>xx</u> <u>L</u>	Rated for 208 VAC (nominal) Input. (Change Model No. from 18EZ-2-etc. to 18EZ-2- <u>xx</u> <u>L</u> )	
380/415 VAC INPUT	18EZ- <u>3</u> -etc.	Rated for 380/415 VAC (nominal) Input. (Change Model No. from 18EZ-2-etc. to 18EZ-3-etc.)	
550 VAC INPUT	18EZ- <u>5</u> -etc.	Rated for 550 VAC (nominal) Input. (Change Model No. from 18EZ-4-etc. to 18EZ-5-etc.)	
600 VAC INPUT	18EZ- <u>6</u> -etc.	Rated for 600 VAC (nominal) Input. (May require size increase of base model.) (Change Model No. from 18EZ-4-etc. to 18EZ-6-etc.)	

### 18EZ OPTION NOTES:

- To order, specify option number separately, and add option price to control list price.
- See page 46 for detailed option description.
- Options must be order with control.
- Certain combinations of options may not be compatible. See page 47 or consult local representative or factory.
- Consult factory for option requirements not shown.

