

DESCRIPTION: Three Phase, Variable Voltage Control
APPLICATION: High Inrush, Variable Resistance Loads

Model Number	Max Amps	kVA @ Max Rated Volts	Open Chassis Dimensions Inches			Open Chassis List Price	Ventilated Dimensions H x W x D			Enclosure List Price Adder
			Height	Width	Depth		H	W	D	
THREE PHASE, 240 VAC INPUT, 0-236 VAC OUTPUT, 50/60Hz (ALSO FOR 208/220/230 VAC INPUT)										
18E-2-10SW	10	4.1	10	10.25	5.12	576.00	14	12	8	Contact Factory
18E-2-30SW	30	12.2	10	10.25	6.12	831.00	14	12	8	***
18E-2-80SW	80	32.7	24	11	6.5	1503.00	30	20	9	***
18E-2-150SW	150	61.3	27	21	10	1918.00	36	24	12	***
18E-2-250SW	250	102	25	14	10	2060.00	36	24	12	***
18E-2-350SW	350	143	27	27	10.5	2681.00	42	36	12	***
18E-2-600SW	600	245	39	27	11	3946.00	60	36	12	***
THREE PHASE, 480 VAC INPUT, 0-476 VAC OUTPUT, 50/60Hz (ALSO FOR 380⁵/415⁵/440 VAC INPUT)										
18E-4-10SW	10	8.2	10	10.25	5.12	623.00	14	12	8	Contact Factory
18E-4-30SW	30	24.7	10	10.25	6.12	889.00	14	12	8	***
18E-4-80SW	80	66	24	11	6.5	1549.00	30	20	9	***
18E-4-150SW	150	124	27	21	10	1918.00	36	24	12	***
18E-4-250SW	250	205	25	14	10	2060.00	36	24	12	***
18E-4-350SW	350	288	27	27	10.5	2681.00	42	36	12	***
18E-4-600SW	600	495	39	27	11	3946.00	60	36	12	***

NOTES:

- Standard units supplied with:
 - Manual control potentiometer on 2 feet of cable
 - Control isolation transformer
 - Factory installed 2-millisecond fuses
 - 1/2 second soft start
 - 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 208 VAC, add suffix "L" to unit number. See options, page 31.
 - For 380/415 VAC input, change voltage number to "3". See options, page 31.
- List prices may be subject to trade classification discounts. Contact your local Payne Engineering Authorized Distributor or representative.
- Prices shown are subject to change without notice.



OPTION NAME	OPTION ORDER No.	OPTION DESCRIPTION	LIST PRICE ADDER
VOLTAGE LIMIT	9	RMS Output Voltage Limit (Field adjustable)	25.00
CURRENT LIMIT	12	RMS Output Current Limit (Field Adjustable, includes current transformer)	115.00
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	195.00 291.00
OPTICALLY ISOLATED ma. EXTERNAL CONTROL CARD	21A 21B 21C 21D 21E 21H	Optically isolated. Suitable for open-loop control. 1-5 ma., $\leq 1000 \Omega$ 2-10ma., $\leq 1000 \Omega$ 4-20 ma., $\leq 600 \Omega$ 12-20 ma., $\leq 600 \Omega$ 10-50 ma., $\leq 300 \Omega$ Other. Specify ma. range and input impedance.	38.00
HEATSINK OVERTEMP SWITCH	24A 24B	Overtemp trip of controller. For external indicating circuit or alarm.	55.00
120V PILOT	28	120 VAC On/Off Pilot Control	38.00
70-400Hz	30	For operation on power frequencies from 70-400Hz, and 16-2/3 or 25Hz.	Contact Factory
EXTERNAL POWER	33	External trigger circuit power. Specify voltage to be supplied.	38.00
120 VAC INPUT	18E- <u>1</u> -etc.	Rated for 120 VAC (nominal) Input. (Change Model No. from 18E-2-etc. to 18E-1-etc.)	N/C
208 VAC INPUT	18E-2-xxSW <u>L</u>	Rated for 208 VAC (nominal) Input. (Change Model No. from 18E-2-etc. to 18E-2-xx <u>L</u>)	N/C
380/415 VAC INPUT	18E- <u>3</u> -etc.	Rated for 380-415 VAC (nominal) Input. (Change Model No. from 18E-2-etc. to 18E-3-etc.)	N/C
550 VAC INPUT	18E- <u>5</u> -etc.	Rated for 550 VAC (nominal) Input. (Change Model No. from 18E-4-etc. to 18E-5-etc.)	66.00
600 VAC INPUT	18E- <u>6</u> -etc.	Rated for 600 VAC (nominal) Input. (May require size increase of base model.) (Change Model No. from 18E-4-etc. to 18E-6-etc.)	330.00

18E-SW OPTION NOTES:

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