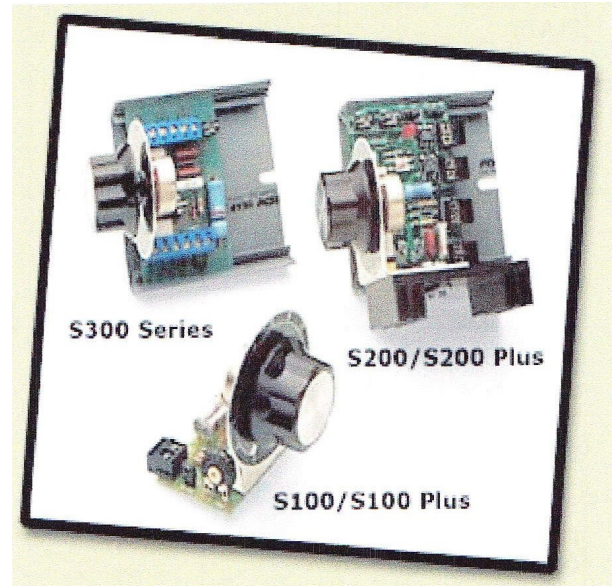


PANEL MOUNT POWER CONTROLS

SERIES S100, S200, S300

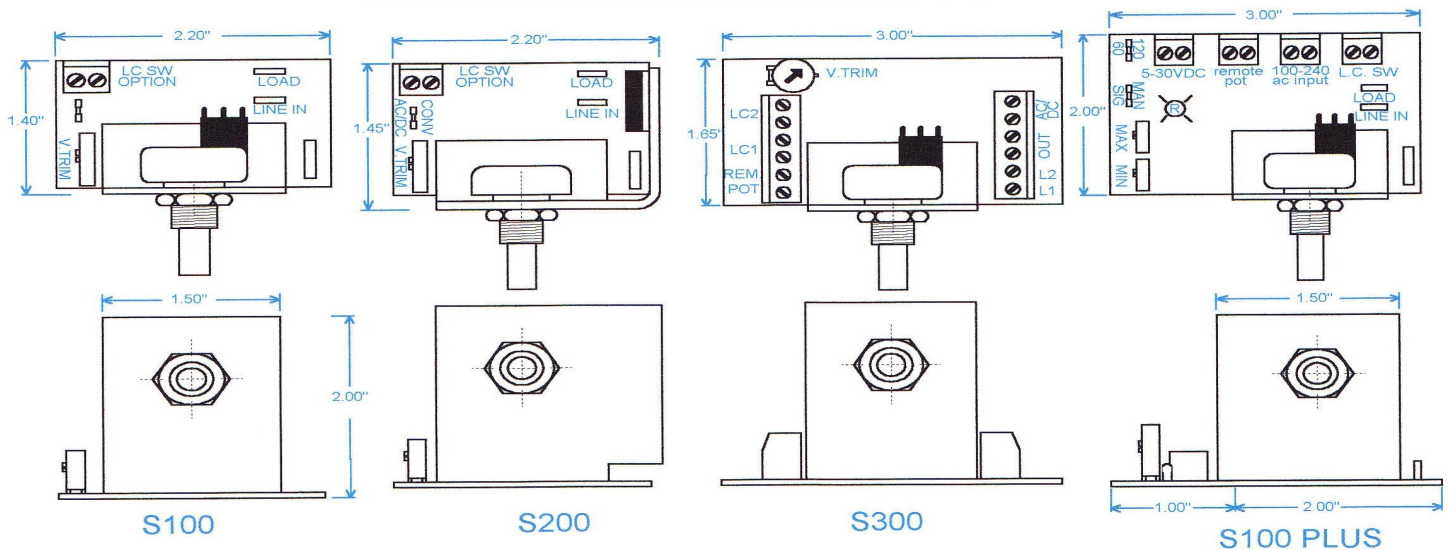
VARIABLE POWER CONTROL FOR:

- VIBRATORY FEEDERS, SUPPLY HOPPERS AND INLINE FEEDER TRACKS
- INFRARED DRYERS, LAMINATORS AND HEATING ELEMENTS
- TRANSFORMER PRIMARY CONTROL
- TRANSFORMER AND VARIABLE AUTOTRANSFORMER REPLACEMENT
- FANS AND BLOWERS
- PSC, UNIVERSAL AND SHARED POLE MOTORS



EDR POWER CONTROLS provide a low cost adjustable power source for a wide variety of industrial applications. Output voltage follows control pot rotation from approximately zero to fine line voltage. Standard models are available in 120 or 240VAC, 50/60Hz with certain ratings to 40A. MIN/MAX trim pots provide customized output voltage ranges (10-24 VAC, 60-100VAC, etc.) A replaceable AC/DC conversion jumper provides 120/60 pulse per second operation for vibratory feeding equipment. The S100/200/300 series can be controlled by relay contacts, switches, thermistors, programmable controllers (5-30VDC signal) and other automation control equipment. A large selection of mounting styles, auxiliary heat sinks, and input controls can be combined to make the right control for your application.

[Additional models and selection guide next page over>>](#)



edr EDR Electronics, Inc.
 1504 E. Algonquin Road
 Arlington Heights, IL 60005
 Tel. (847) 640-6996 Fax. (847) 640-9717

SELECTION GUIDE

MODEL#	MOUNTING STYLE	CURRENT(A) @25°C AMBIENT				CONNECTIONS / FEATURES
		FREE AIR	6"X6"X1/16" STEEL PANEL	H.S. 2X2.5 + PANEL	REMOTE TRIAC	
S100-8	FRONT PANEL/DOOR WITH KNOB + DIAL PLATE	5	8	NA	NA	1/4" Q.C. TERMINALS OR WIRE LEADS LOW CURRENT SWITCH INPUT 5-30VDC REMOTE SIGNAL CONTROL
S200-30	FRONT PANEL/DOOR WITH KNOB + DIAL PLATE	8	15	18	25 (T0-3) 30 (ISOLATED STUD) 40 (TO-3)	REMOTE TRIAC FOR MAX CURRENT
S300-3	3" PVC TRACK	3	NA	NA	NA	5MM TERMINAL BLOCK CONNECTIONS OR WIRE LEADS (2) LOW CURRENT SWITCH INPUTS MIN AND MAX OUTPUT TRIM
S300-8	FRONT PANEL/DOOR WITH KNOB + DIAL PLATE	5	8	NA	25 30 40	REMOTE TRIAC FOR MAX CURRENT
S100-8 PLUS	FRONT PANEL/DOOR OR 3" PVC TRACK	5	8	NA	NA	1/4" Q.C. TERMINALS OR WIRE LEADS PLUS FEATURE ADDS: 4 TERMINAL BLOCK POSITIONS FOR LOW CURRENT SWITCH INPUT, REMOTE POT, 5-30VDC AND 100-240VAC REMOTE SIGNAL CONTROL
S200-30 PLUS	FRONT PANEL/DOOR OR 3" PVC TRACK	8	15	18	25 30 40	REMOTE TRIAC FOR MAX CURRENT

ORDERING INFORMATION

SPECIFY: MODEL # S100 - 8 - 120V -

CURRENT: 3, 8, 15, 25, 30, 40A

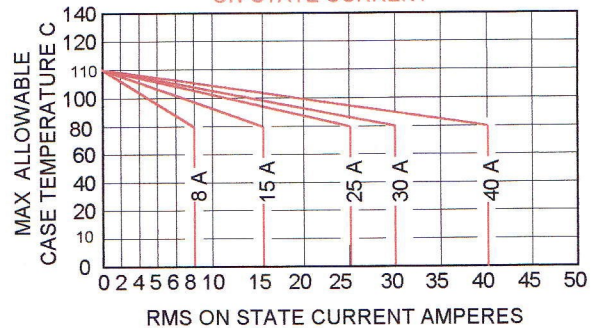
LINE VOLTAGE:
120, 240VAC STD
other specify

OPTIONS/ACCESSORIES:

- Control Knob=K
- Dial Plate = D
- Aux. Heat Sink=HS 2x2.5
- Remote Triac=ELT____"(Specify lead length)
- ON/OFF Switch on main
- Control=SW(8A MAX)
- Wire Leads=WL____"(Specify lead Length)

NOTES:
Enclosed Models: Request SR100 series data
Analog Signal Following: VF420 data

MAX ALLOWABLE CASE TEMPERATURE VS. ON-STATE CURRENT



TRIAC SURGE RATINGS

TRIAC RATING	MAX SURGE CURRENT 1 CYCLE 50HZ OR 60HZ	MAX SURGE CURRENT 60 CYCLES
15A	150A	50A
30A	300A	90A
40A	400A	120A