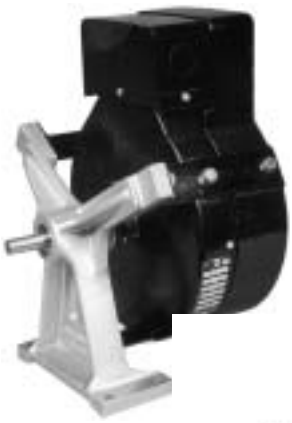
Joslyn Clark Plate Type Rheostats & Potentiometers

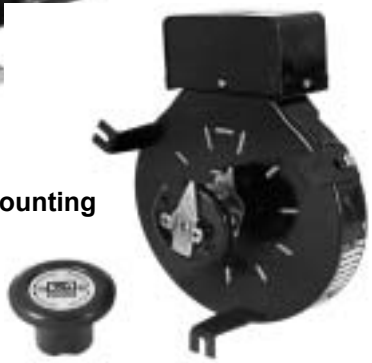
Rheostats & Potentiometers (JE-2)

Catalog Number *	Electrical Spec. No.	Size & Type	Ohms	Amperes Max./Min.
66-1941S30	ED-70029	13"S	5	20/10
63-1102S30	ED-70448	8"M	10	9.5/4.7
66-3031S30	ED-71621	13"S	10	18.8/5.3
64-1191S30	ED-70748	13"S	16	11.2/5.5
63-3101S30	ED-70276	13"S	25	12/3.3
62-0232P30	ED-70045	8"M	50	2.6/2.6
65-1141S30	ED-71367	13"S	50	6.3/3.15
66-2071S30	ED-71597	13"S	64	6.4/2.4
66-1862S30	ED-70993	8"M	80	3.3/1.65
62-0262P30	ED-70667	8"M	100	1.81/1.81
66-1872S30	ED-70995	8"M	100	3/1.5
65-1111S30	ED-71364	13"S	100	4.5/2.2
64-3081S30	ED-70240	13"S	100	6.0/1.65
62-0272P30	ED-71786	8"M	125	1.62/1.62
65-1102S30	ED-71797	8"M	125	2.7/1.3
66-3091S30	ED-71623	13"S	125	5.3/1.5
62-0282P30	ED-70327	8"M	160	1.43/1.43
65-1092S30	ED-71796	8"M	160	2.3/1.2
66-3101S30	ED-71625	13"S	160	4.7/1.3
62-0292P30	ED-70936	8"M	200	1.28/1.28
65-1082S30	ED-71795	8"M	200	2.1/1.05
62-0302P30	ED-70331	8"M	250	1.14/1.14
66-3682S30	ED-77203	8"M	250	2.5/0.72
66-2091S30	ED-71598	13"S	250	3.2/1.25
62-0312P30	ED-71452	8"M	320	1.01/1.01
65-2052S30	ED-71822	8"M	320	1.9/0.73
65-3051S30	ED-71420	13"S	320	3.3/0.94
62-0322P30	ED-70661	8"M	400	0.9/0.9
65-2042S30	ED-71821	8"M	400	1.7/0.66
62-0332P30	ED-70321	8"M	500	0.8/0.8
65-3032S30	ED-71371	8"M	500	1.8/0.5
65-4061S30	ED-71428	13"S	500	3.15/0.63
62-0342P30	ED-70318	8"M	640	0.71/0.71
64-4032S30	ED-71854	8"M	640	1.85/0.37
61-0361S10	ED-70514	6"S	800	0.5/0.5
62-0352P30	ED-70882	8"M	800	0.64/0.64
65-4042P30	ED-70669	8"M	800	1.65/0.34
65-4032P30	ED-71862	8"M	1,000	1.5/0.3
65-4022P30	ED-71861	8"M	1,250	1.33/0.27
66-1042P30	ED-71801	8"M	1,600	0.75/0.37
62-0402P30	ED-70046	8"M	2,500	0.36/0.36
66-1022P30	ED-71799	8"M	2,500	0.6/0.33
61S8025P30	ED-91712	13"M	2,500	2.0/0.2
62-0432P30	ED-90825	8"M	5,000	0.25/0.25
61S1991P30	ED-90826	8"M	10,000	.025/.025

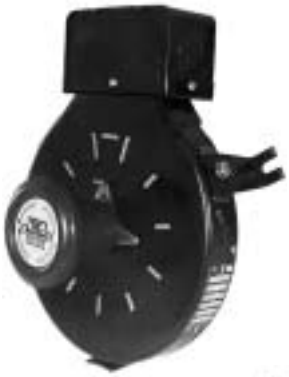
* The suffix S30 denotes a two-terminal rheostat with conduit fitting, enclosing cover, and front of board mounting.
* The suffix P30 means three terminals are available.



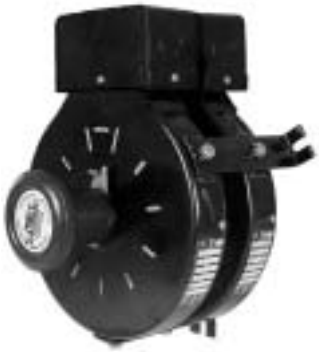
Limit Switch Enclosure with Floor Mounting



Back of Board Mounting



Front of Board Mounting



Tandem Mounting

Ward Leonard Design

MAXIMUM AMPERES is the "Resistance Out" current rating, i.e. how much current the rheostat can carry when the wiper is near the zero resistance postion and most of the rheostat resistance is OUT of the circuit.

MINIMUM CURRENT is the "Resistance In" rating. The rheostat can handle up to this value of current when the wiper places all of the rheostat resistance IN the circuit.

OHMS can be reduced by installing a stop on the shaft pointer.

Application

Vitrohm pressed steel rheostats furnish a simple, accurate and economical method of field control. They are universally applied for adjusting generator, alternator and exciter field currents to obtain variations in output voltage and for field control of adjustable speed dc and synchronous motors. Other typical applications include control of a heater, furnace, battery charger, or other electrical load. Various mountings are illustrated in the photographs.