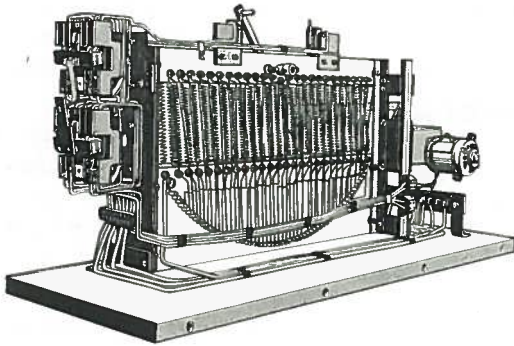


# AUTOMATIC DIMMERS

This range of motorised dimmers for 200-250 A.C. tungsten lighting loads are designed to be connected in series with the phase supply to standard distribution boards, and therefore the only fuse fitted is to protect the control circuit. All wiring is carried out in heat-resisting cable terminating in engraved terminal studs. Supplied complete with louvred sheet metal covers. State type ref., circuit wattage and voltage when ordering.



Auto 6 with cover removed

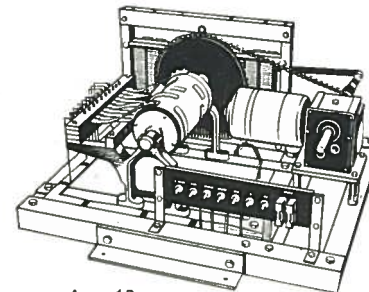
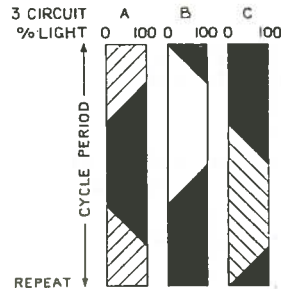
## UP-DOWN-STOP (TABLE 1)

To raise, lower, or stop at intermediate positions the house lighting of theatres, cinemas, lecture halls, etc. from one or more remote sets of push buttons. Dimmers open circuit at lower limit of travel.

## COLOUR CHANGE (TABLE 2) (Simple cycle)

Automatic dimmer controlling the three or four colours of a multi-colour lighting equipment so as to give a cycle or change and then repeat until switched off. Suitable principally for shop window, ballroom, exhibition display and fountain work.

3-colour cycle



Auto 13

TABLE 1

Type	MAXIMUM WATTS PER PHASE*			Phases	Length	Dimensions		Weight	Price		
	Theatre	Type	Constant			Depth	Height		£	s	d
Auto 3	1,000			1	1 9	1 1	1 6	70lbs	75	0	0
Auto 4	2,500	Auto 4C	2,000	1	1 9	1 1	1 6	70lbs	80	0	0
Auto 5	3,500	Auto 5C	3,000	1	1 9	1 1	1 6	70lbs	82	0	0
Auto 6	5,000	Auto 6C	4,000	1	2 9	1 2	1 9	$\frac{3}{4}$ cwt	92	0	0
Auto 6A	7,000	Auto 6AC	6,000	1	1 9	1 5 $\frac{1}{2}$	1 6	$\frac{3}{4}$ cwt	97	0	0
Auto 6A2	3,500	Auto 6A2C	3,000	2	1 9	1 5 $\frac{1}{2}$	1 6	$\frac{3}{4}$ cwt	97	0	0
Auto 71	10,000	Auto 71C	8,000	1	2 9	1 6	1 9	1cwt	120	0	0
Auto 72	5,000	Auto 72C	4,000	2	2 9	1 6	1 9	1cwt	120	0	0
Auto 73	3,500	Auto 73C	3,000	3	2 9	1 6	1 9	1cwt	120	0	0
Auto 81	15,000	Auto 81C	12,000	1	2 9	2 0	1 9	1 $\frac{1}{4}$ cwt	152	0	0
Auto 83	5,000	Auto 83C	4,000	3	2 9	2 0	1 9	1 $\frac{1}{4}$ cwt	152	0	0

**CONSTANT RATING**—For special applications when the normal theatre rating may be unsuitable, i.e. for indefinitely prolonged use at intermediate positions, the wattages shown in the column headed "constant" should not be exceeded

\*Variable load plus or minus  $\frac{1}{3}$  windings can be supplied provided top wattage does not exceed 80 per cent of those shown in schedule above. Larger loads subject to special enquiry.

Standard equipment includes one set of push-switches. Extra sets of push-switches, per set, £1 10s 0d

TABLE 2

Type	Colour circuits	Watts per colour circuit per phase	Max. demand kW †	Phases	Length	Depth	Height	Weight (approx.)	Price £ s d
Auto 12	3	Up to 2500 each ... ..	5	1	2 1	2 3	1 7	1 $\frac{1}{4}$ cwt	106 0 0
Auto 13	4		5		2 3	2 3	1 7		110 0 0
Auto 14	3	2500 to 5000 each ... ..	10	1	2 9	2 6	1 7	1 $\frac{3}{4}$ cwt	140 0 0
Auto 15	4		10		3 0	2 6	1 7		147 0 0
Auto 22	3	Up to 2500 each ... ..	15	3	3 11	2 6	1 7	2 cwt	300 0 0
Auto 23	4		15		4 4	2 6	1 7		312 0 0
Auto 24	3	2500 to 5000 each ... ..	30	3	6 3	2 6	1 7	3 cwt	400 0 0
Auto 25	4		30		6 9	2 6	1 7		432 0 0

†Maximum demand—Using a drum-type dimmer the maximum load is 2-colour circuits only: therefore the main supply need only equal the  $\frac{2}{3}$  total watts on a 3-colour dimmer and  $\frac{1}{2}$  the total on a 4-colour.

Note—The three-phase models can be used for single-phase loads so long as the output terminals are not paralleled. Thus Auto 24 can control 5000 watts per colour on each of three separate circuits making a total of 15,000 per colour, single phase.