

In addition, Type B parallel capacitors are also available with an aluminium casing with an integrated discharge resistor and push-in terminals or flat connectors.

### 8.1 Capacitors for Fluorescent Lamp Circuits

Lamp Output W	Type	Parallel Compensation Capacitor ( $\mu\text{F} \pm 10\%$ at 250 V)		Series Compensation Capacitor ( $\mu\text{F} \pm 4\%$ )		
		220-240 V/50 Hz $\mu\text{F}$	220-230 V/60 Hz $\mu\text{F}$	220 V/50 Hz $\mu\text{F}$	230 V/50 Hz $\mu\text{F}$	220 V/60 Hz $\mu\text{F}$
4	T	2**	2**	—	—	—
6	T	2**	2**	—	—	—
8	T	2**	2**	—	—	—
10	T	2	2	—	—	—
13	T	2	2	—	—	—
14	T	4.5	4.5	—	—	—
15	T	3.5 or 4*	3 or 4*	—	—	—
16	T	2	2	—	—	—
18	T	4.5 or 4*	4**	2.9/440 V	2.8/480 V	2.4/440 V
20	T	4.5 or 4*	4**	2.9/440 V	2.8/480 V	2.4/440 V
23	T	3.5	3	—	—	—
25	T	3.5	3	—	2.3/450 V	—
30	T	4.5	4	3/420 V	2.9/450 V	—
36	T	4.5	4	3.6/420 V	3.4/450 V	3/420 V
36-1m	T	6.5	—	—	—	—
38	T	4.5	4	—	—	—
40	T	4.5	4	3.6/420 V	3.4/450 V	3/420 V
42	T	6.5	—	—	—	—
58	T	7	6	5.7/450 V	5.3/450 V	4.8/420 V
65	T	7	6	5.7/450 V	5.3/450 V	4.8/420 V
70	T	6	—	—	—	—
75	T	6	—	—	—	—
80	T	9	8	—	7.2/420 V	—
85	T	8	6.5	—	8.4/420 V	—
100	T	10	9	—	—	—
115	T	18	16	—	—	—
140	T	14	14	—	—	—
160	T	14	14	—	—	—
16	TU	2	2	—	—	—
18/20	TU	4.5 or 4*	4**	2.9/440 V	2.8/480 V	2.4/440 V
36/40	TU	4.5	4	3.6/420 V	3.4/450 V	3/420 V
58/65	TU	7	6	—	—	—
22	TR	5	4.5	—	3.2/440 V	—
32	TR	5	4.5	—	3.4/450 V	—
40	TR	4.5	4	3.6/420 V	3.4/450 V	3/420 V
5	TCS	2**	2**	—	—	—
7	TCS	2**	2**	—	—	—
9	TCS	2**	2**	—	—	—
11	TCS	2	2	—	—	—
10	TC-D/TC-T	2	2	—	—	—
13	TC-D/TC-T	2	2	—	—	—
18	TC-D/TC-T	2	2	—	—	—
26	TC-D/TC-T	3.5	3	—	—	—
10	TC-DD	2	2	—	—	—
16	TC-DD	2	2	—	—	—
21	TC-DD	3	3	—	—	—
28	TC-DD	3.5	3	—	—	—
38	TC-DD	4.5	4	—	—	—
18	TCL/TCF	4.5 or 4*	4**	—	—	—
24	TCL/TCF	4.5	4	—	—	—
34	TCL/TCF	4.5	4	—	—	—
36	TCL/TCF	4.5	4	—	—	—

\*] Two lamps connected to a ballast in series

\*\*] Applies to one lamp connected to a ballast or two lamps connected in series

### 8.2 Capacitors for High-Pressure Mercury Vapour Lamp Circuits

Lamp		Compensation Capacitor ( $\mu\text{F} \pm 10\%$ )			
Output W	Type	220 V/50 Hz $\mu\text{F}$	230 V/50 Hz $\mu\text{F}$	240/252 V/50 Hz $\mu\text{F}$	220 V/60 Hz $\mu\text{F}$
50	HM	7	7	7	6
80	HM	8	8	8	7
125	HM	10	10	10	10
250	HM	18	18	18	15
400	HM	25	25	25	25
700	HM	40	40	40	35
1000	HM	60	60	60	50

### 8.3 Capacitors for High-Pressure Sodium Vapour Lamp Circuits

Lamp		Compensation Capacitor ( $\mu\text{F} \pm 10\%$ )			
Output W	Type	220 V/50 Hz $\mu\text{F}$	230 V/50 Hz $\mu\text{F}$	240/252 V/50 Hz $\mu\text{F}$	220 V/60 Hz $\mu\text{F}$
35	HS	6	6	6	5
50	HS	8	8	8	8
70	HS	12	12	12	10
100	HS	12	12	12	10
150	HS	20	20	20	16
250	HS	32	32	32	25
400	HS	50	50	50	40
600	HS	65	65	65	55
1000	HS	100	100	100	85

### 8.4 Capacitors for Low-Pressure Discharge Lamp Circuits

Lamp		Compensation Capacitor ( $\mu\text{F} \pm 10\%$ )
Output W	Type	230 V/50 Hz $\mu\text{F}$
35	LS	20
55	LS	20
90	LS	26
135	LS	40
180	LS	40

### 8.5 Capacitors for Metal Halide Lamp Circuits

Lamp			Compensation Capacitor ( $\mu\text{F} \pm 10\%$ )			
Output W	Current A	Type	220 V/50 Hz $\mu\text{F}$	230 V/50 Hz $\mu\text{F}$	240/252 V/50 Hz $\mu\text{F}$	220 V/60 Hz $\mu\text{F}$
35		HI	6	6	6	5
70		HI	12	12	12	10
100		HI	12	12	12	10
150		HI	20	20	20	16
250		HI	32	32	32	25
400		HI	35/45	35/45	35/45	35/45
1000		HI	85	85	85	75
2000	16.5	HI	125	125	125	125
			380 V/50 Hz	400 V/50 Hz	420 V/50 Hz	380 V/60 Hz
2000	8.8	HI	37	37	37	37
2000	10.3	HI	60	60	60	60
2000	11.3	HI	60	60	60	60
2000	18	HI	100	100	100	100