

Таблица подбора нагрузки для силовых контакторов

		Максимальное количество ламп на один полюс контактора при напряжении 230V																			
Нагрузка	Тип контактора	Мощность (W)	CE07	CEM9	CEM12	CEM18	CEM25	CEM32	CEM40	CEM50	CEM65	CEM80	CEM95	CEM105	CEM112	CEM150E	CEM180	CEM250			
					60	62 (11,16kW)*	62 (11,16kW)*	70 (12,60kW)*	77 (13,86kW)*	85 (15,30kW)*	122 (21,96kW)*	156 (28,08kW)*	191 (34,38kW)*	222 (39,96kW)*	264 (47,52kW)*	284 (51,12kW)*	318 (57,24kW)*	404 (72,72kW)*	467 (84,06kW)*	578 (104,04kW)*	
Лампы накаливания, шт./полюс *суммарная мощность источников света на трёх фазах (kW)		100	40 (12,00kW)*	40 (12,00kW)*	50 (15,00kW)*	60 (18,00kW)*	66 (19,80kW)*	73 (21,90kW)*	95 (28,50kW)*	116 (34,80kW)*	133 (39,90kW)*	160 (48,00kW)*	170 (51,00kW)*	193 (57,90kW)*	245 (73,50kW)*	283 (84,90kW)*	350 (105,00kW)*				
		200	20 (12,00kW)*	20 (12,00kW)*	25 (15,00kW)*	30 (18,00kW)*	33 (19,80kW)*	36 (21,60kW)*	47 (28,20kW)*	58 (34,80kW)*	66 (39,60kW)*	79 (47,40kW)*	84 (50,40kW)*	95 (57,00kW)*	121 (72,60kW)*	140 (84,00kW)*	173 (103,80kW)*				
		300	13 (11,70kW)*	13 (11,70kW)*	17 (15,30kW)*	20 (18,00kW)*	22 (19,80kW)*	24 (21,60kW)*	31 (27,90kW)*	38 (34,20kW)*	44 (39,60kW)*	53 (47,70kW)*	56 (50,40kW)*	64 (57,60kW)*	81 (72,90kW)*	93 (83,70kW)*	116 (104,40kW)*				
		500	8 (12,00kW)*	8 (12,00kW)*	10 (15,00kW)*	12 (18,00kW)*	12 (18,00kW)*	14 (21,00kW)*	19 (28,50kW)*	23 (34,50kW)*	26 (39,00kW)*	31 (46,50kW)*	33 (49,50kW)*	38 (57,00kW)*	49 (73,50kW)*	56 (84,00kW)*	69 (103,50kW)*				
		1000	4 (12,00kW)*	4 (12,00kW)*	5 (15,00kW)*	6 (18,00kW)*	6 (18,00kW)*	7 (21,00kW)*	9 (27,00kW)*	11 (33,00kW)*	13 (39,00kW)*	16 (48,00kW)*	16 (48,00kW)*	19 (57,00kW)*	24 (72,00kW)*	28 (84,00kW)*	35 (105,00kW)*				
		2000	1 (6,00kW)*	1 (6,00kW)*	2 (12,00kW)*	3 (18,00kW)*	3 (18,00kW)*	3 (18,00kW)*	4 (24,00kW)*	5 (30,00kW)*	6 (36,00kW)*	8 (48,00kW)*	8 (48,00kW)*	10 (60,00kW)*	12 (72,00kW)*	14 (84,00kW)*	17 (102,00kW)*				
		Лампы дневного света, шт./полюс *суммарная мощность источников света на трёх фазах (kW)	Без компенсации	15	88 (3,96kW)*	98 (4,41kW)*	126 (5,67kW)*	155 (6,98kW)*	224 (10,08kW)*	237 (10,67kW)*	355 (15,98kW)*	390 (17,55kW)*	434 (19,53kW)*	496 (22,32kW)*	553 (24,89kW)*	652 (29,34kW)*	815 (36,68kW)*	978 (44,01kW)*	1522 (68,49kW)*		
				20	24 (1,44kW)*	57 (3,42kW)*	61 (3,66kW)*	78 (4,68kW)*	110 (6,60kW)*	139 (8,34kW)*	147 (8,82kW)*	221 (13,26kW)*	243 (14,58kW)*	270 (16,20kW)*	309 (18,54kW)*	344 (20,64kW)*	405 (30,42kW)*	507 (36,48kW)*	608 (56,76kW)*	946 (69,36kW)*	
40	20 (2,40kW)*			48 (5,76kW)*	51 (6,12kW)*	66 (7,92kW)*	93 (11,16kW)*	118 (14,16kW)*	124 (14,88kW)*	186 (22,32kW)*	204 (24,48kW)*	227 (27,24kW)*	260 (31,20kW)*	289 (34,68kW)*	341 (40,92kW)*	426 (51,12kW)*	511 (61,32kW)*	795 (95,40kW)*			
65	13 (2,54kW)*			30 (5,85kW)*	32 (6,24kW)*	41 (8,00kW)*	58 (11,31kW)*	74 (14,43kW)*	78 (15,21kW)*	116 (22,62kW)*	127 (24,77kW)*	142 (27,69kW)*	163 (31,75kW)*	181 (35,30kW)*	214 (41,73kW)*	268 (52,26kW)*	321 (62,60kW)*	500 (97,50kW)*			
100	9 (2,70kW)*			14 (5,61kW)*	16 (4,80kW)*	19 (5,70kW)*	27 (8,10kW)*	34 (10,80kW)*	36 (10,80kW)*	54 (16,20kW)*	59 (17,70kW)*	66 (19,80kW)*	76 (22,90kW)*	85 (25,50kW)*	100 (30,00kW)*	125 (37,50kW)*	150 (45,00kW)*	233 (69,90kW)*			
200	6 (2,75kW)*			77 (3,47kW)*	94 (4,23kW)*	111 (5,00kW)*	134 (6,03kW)*	149 (6,71kW)*	191 (8,60kW)*	232 (10,44kW)*	273 (11,79kW)*	312 (14,04kW)*	347 (15,62kW)*	409 (18,41kW)*	520 (23,40kW)*	600 (27,00kW)*	743 (33,44kW)*				
С компенсацией	15		10 (0,60kW)*	48 (2,88kW)*	61 (3,66kW)*	74 (4,44kW)*	87 (5,22kW)*	103 (6,18kW)*	115 (6,90kW)*	148 (8,88kW)*	180 (10,80kW)*	212 (12,72kW)*	243 (14,58kW)*	270 (16,20kW)*	318 (19,08kW)*	404 (24,24kW)*	467 (28,02kW)*	578 (34,68kW)*			
	20		10 (1,20kW)*	48 (5,76kW)*	61 (7,32kW)*	74 (8,88kW)*	87 (10,44kW)*	103 (12,36kW)*	115 (13,80kW)*	148 (17,76kW)*	180 (21,60kW)*	212 (25,44kW)*	243 (29,16kW)*	270 (32,40kW)*	318 (38,16kW)*	404 (48,48kW)*	467 (56,04kW)*	578 (69,36kW)*			
	40		6 (1,17kW)*	31 (6,05kW)*	39 (7,61kW)*	47 (9,17kW)*	56 (10,92kW)*	66 (12,87kW)*	74 (14,43kW)*	95 (18,53kW)*	115 (24,43kW)*	136 (26,52kW)*	155 (30,23kW)*	173 (33,74kW)*	204 (39,78kW)*	260 (50,70kW)*	300 (58,50kW)*	371 (72,35kW)*			
	65		4 (1,20kW)*	11 (3,30kW)*	14 (4,20kW)*	17 (5,10kW)*	21 (6,30kW)*	23 (6,90kW)*	29 (8,70kW)*	37 (11,60kW)*	45 (15,50kW)*	53 (15,90kW)*	60 (18,00kW)*	67 (20,10kW)*	79 (23,70kW)*	101 (30,30kW)*	117 (35,10kW)*	144 (43,20kW)*			
	100		2 (1,50kW)*	4 (3,00kW)*	5 (3,75kW)*	7 (5,25kW)*	9 (6,75kW)*	12 (9,00kW)*	12 (9,00kW)*	19 (14,25kW)*	21 (15,75kW)*	23 (17,25kW)*	25 (18,75kW)*	29 (21,75kW)*	37 (27,75kW)*	42 (31,50kW)*	47 (35,25kW)*	73 (54,75kW)*			
	200		1 (1,20kW)*	3 (3,60kW)*	3 (3,60kW)*	4 (4,80kW)*	6 (7,20kW)*	8 (9,60kW)*	8 (9,60kW)*	12 (14,40kW)*	13 (15,60kW)*	14 (16,80kW)*	16 (19,20kW)*	18 (21,60kW)*	23 (27,60kW)*	26 (31,20kW)*	29 (34,80kW)*	45 (54,00kW)*			
Металлогалогенные лампы, шт./полюс *суммарная мощность источников света на трёх фазах (kW)	Без компенсации	250	1 (0,75kW)*	7 (5,25kW)*	9 (6,75kW)*	11 (8,25kW)*	16 (12,00kW)*	21 (15,75kW)*	32 (24,00kW)*	36 (27,00kW)*	39 (29,25kW)*	43 (32,25kW)*	50 (37,50kW)*	56 (42,00kW)*	71 (53,25kW)*	82 (61,50kW)*	102 (76,50kW)*				
		400	1 (1,20kW)*	5 (6,00kW)*	6 (7,20kW)*	8 (9,60kW)*	11 (13,20kW)*	15 (18,00kW)*	23 (27,60kW)*	25 (30,00kW)*	28 (33,60kW)*	30 (36,00kW)*	35 (42,00kW)*	40 (48,00kW)*	51 (61,20kW)*	58 (69,60kW)*	72 (86,40kW)*				
		700	3 (6,30kW)*	3 (6,30kW)*	4 (8,40kW)*	6 (8,40kW)*	8 (10,80kW)*	8 (10,80kW)*	13 (16,80kW)*	17 (21,60kW)*	14 (17,40kW)*	15 (18,90kW)*	17 (20,70kW)*	19 (22,80kW)*	28 (33,60kW)*	35 (42,00kW)*	40 (48,00kW)*	50 (60,00kW)*			
		1000	2 (6,00kW)*	2 (6,00kW)*	3 (9,00kW)*	4 (12,00kW)*	6 (18,00kW)*	6 (18,00kW)*	8 (24,00kW)*	9 (27,00kW)*	10 (30,00kW)*	11 (33,00kW)*	13 (39,00kW)*	21 (25,20kW)*	27 (32,40kW)*	31 (37,80kW)*	38 (45,60kW)*	114 (138,00kW)*			
		2000	1 (6,00kW)*	1 (6,00kW)*	2 (12,00kW)*	2 (12,00kW)*	3 (18,00kW)*	3 (18,00kW)*	4 (24,00kW)*	5 (30,00kW)*	5 (30,00kW)*	6 (36,00kW)*	7 (42,00kW)*	7 (42,00kW)*	18 (108,00kW)*	23 (138,00kW)*	26 (156,00kW)*	33 (198,00kW)*			
		4000	1 (0,75kW)*	9 (5,25kW)*	11 (6,75kW)*	16 (8,25kW)*	21 (12,00kW)*	32 (15,75kW)*	36 (24,00kW)*	39 (27,00kW)*	43 (29,25kW)*	50 (32,25kW)*	56 (37,50kW)*	71 (42,00kW)*	82 (53,25kW)*	102 (61,50kW)*	122 (76,50kW)*	152 (114,00kW)*			
Ртутные лампы, шт./полюс *суммарная мощность источников света на трёх фазах (kW)	Без компенсации	250	2 (1,50kW)*	6 (4,50kW)*	8 (6,00kW)*	10 (7,50kW)*	12 (9,00kW)*	15 (11,25kW)*	18 (13,50kW)*	20 (20,25kW)*	30 (22,50kW)*	33 (24,75kW)*	36 (27,00kW)*	42 (31,50kW)*	54 (40,50kW)*	62 (46,50kW)*	68 (51,00kW)*	106 (79,50kW)*			
		400	1 (1,20kW)*	4 (4,80kW)*	5 (6,00kW)*	6 (7,20kW)*	8 (9,60kW)*	10 (12,00kW)*	12 (14,40kW)*	18 (24,00kW)*	20 (24,00kW)*	22 (26,40kW)*	24 (28,80kW)*	28 (33,60kW)*	36 (48,00kW)*	40 (54,00kW)*	45 (82,80kW)*	69 (82,80kW)*			
		700	1 (2,10kW)*	2 (4,20kW)*	3 (6,30kW)*	4 (8,40kW)*	5 (10,50kW)*	6 (12,60kW)*	7 (14,70kW)*	11 (23,10kW)*	12 (25,20kW)*	13 (27,30kW)*	14 (29,40kW)*	17 (35,70kW)*	21 (44,10kW)*	24 (50,40kW)*	27 (56,70kW)*	42 (88,20kW)*			
		1000	2 (6,00kW)*	2 (6,00kW)*	3 (9,00kW)*	3 (9,00kW)*	4 (12,00kW)*	4 (12,00kW)*	5 (15,00kW)*	8 (27,00kW)*	9 (27,00kW)*	9 (30,00kW)*	10 (36,00kW)*	12 (45,00kW)*	15 (54,00kW)*	18 (63,00kW)*	19 (72,00kW)*	30 (90,00kW)*			
		2500	2 (1,50kW)*	11 (8,25kW)*	14 (10,50kW)*	18 (13,50kW)*	22 (16,50kW)*	27 (20,25kW)*	33 (24,75kW)*	49 (36,75kW)*	55 (41,25kW)*	60 (45,00kW)*	66 (49,50kW)*	77 (57,75kW)*	79 (59,25kW)*	100 (75,00kW)*	116 (87,00kW)*	143 (107,25kW)*			
		4000	1 (1,20kW)*	7 (8,40kW)*	9 (10,80kW)*	11 (13,20kW)*	14 (16,80kW)*	17 (20,40kW)*	20 (24,00kW)*	31 (37,20kW)*	34 (40,80kW)*	37 (44,40kW)*	41 (49,20kW)*	48 (57,60kW)*	63 (75,60kW)*	80 (96,00kW)*	92 (110,40kW)*	114 (136,80kW)*			
Натриевые лампы, шт./полюс *суммарная мощность источников света на трёх фазах (kW)	Без компенсации	250	2 (1,50kW)*	4 (3,00kW)*	5 (3,75kW)*	7 (5,25kW)*	9 (6,75kW)*	11 (8,25kW)*	13 (9,75kW)*	19 (14,25kW)*	21 (15,75kW)*	24 (18,00kW)*	26 (19,50kW)*	30 (22,50kW)*	39 (29,25kW)*	44 (33,00kW)*	48 (36,00kW)*	75 (56,25kW)*			
		400	1 (1,20kW)*	3 (3,60kW)*	4 (4,80kW)*	5 (6,00kW)*	6 (7,20kW)*	7 (8,40kW)*	9 (10,80kW)*	13 (15,60kW)*	15 (18,00kW)*	16 (19,20kW)*	18 (21,60kW)*	20 (24,00kW)*	26 (31,20kW)*	30 (36,00kW)*	33 (39,60kW)*	51 (61,20kW)*			
		1000	1 (3,00kW)*	2 (6,00kW)*	2 (6,00kW)*	2 (6,00kW)*	3 (9,00kW)*	3 (9,00kW)*	4 (12,00kW)*	6 (18,00kW)*	6 (18,00kW)*	7 (21,00kW)*	7 (21,00kW)*	9 (27,00kW)*	11 (33,00kW)*	13 (39,00kW)*	14 (42,00kW)*	22 (66,00kW)*			
		2500	1 (0,75kW)*	10 (7,50kW)*	12 (9,00kW)*	16 (12,00kW)*	20 (15,00kW)*	25 (18,75kW)*	30 (22,50kW)*	44 (33,00kW)*	49 (36,75kW)*	54 (40,50kW)*	59 (44,25kW)*	69 (51,75kW)*	95 (33,75kW)*	116 (42,75kW)*	143 (49,50kW)*	181 (60,75kW)*			
		4000	1 (1,20kW)*	6 (8,40kW)*	7 (10,50kW)*	9 (13,20kW)*	11 (16,80kW)*	14 (20,40kW)*	17 (24,00kW)*	26 (31,20kW)*	29 (34,80kW)*	31 (37,20kW)*	34 (40,80kW)*	40 (48,00kW)*	51 (61,20kW)*	60 (72,00kW)*	72 (86,40kW)*	114 (138,00kW)*			
		10000	3 (9,00kW)*	3 (9,00kW)*	4 (12,00kW)*	4 (12,00kW)*	5 (15,00kW)*	6 (18,00kW)*	8 (24,00kW)*	12 (36,00kW)*	13 (39,00kW)*	14 (42,00kW)*	16 (48,00kW)*	18 (54,00kW)*	23 (69,00kW)*	26 (78,00kW)*	33 (99,00kW)*				

Подбор контакторов при последовательном соединении полюсов

Категория DC1 L/R < 1 ms	Ue	Количество соединенных полюсов	CEM9	CEM12	CEM18	CEM25	CEM32	CEM40	CEM50	CEM65	CEM80	CEM95	CEM105
			24V	1	18	18	18	25	32	40	50	65	80
	2	25	25	32	45	60	60	90	110	110	140	140	140
	3	25	25	32	45	60	60	90	110	110	140	140	140
	4	25	25	32	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1	15	15	15	20	25	35	45	55	70	70	70	70
	2	25	25	32	45	60	60	90	110	110	140	140	140
	3	25	25	32	45	60	60	90	110	110	140	140	140
	4	25	25	32	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1	12	12	12	18	18	32	40	50	50	65	65	65
	2	25	25	32	45	60	60	90	110	110	140	140	140
	3	25	25	32	45	60	60	90	110	110	140	140	140
	4	25	25	32	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1	6	6	6	8	8	8	16	16	16	16	16	16
	2	18	18	18	25	45	45	80	90	90	110	110	110
	3	25	25	25	32	60	60	90	110	110	140	140	140
	4	25	25	32	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1	0,8	0,8	0,8	0,8	1	1	2	2	2	2	2	2
	2	7,5	7,5	7,5	8	8	8	20	20	20	20	20	20
	3	8	8	8	10	10	10	15	15	15	15	15	15
	4	(1)	15	15	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1	0,4	0,4	0,4	0,4	0,5	0,5	0,8	0,8	0,8	0,8	0,8	0,8
	2	0,8	0,8	0,8	0,8	1	1	2	2	2	2	2	2
	3	8	8	8	10	10	10	15	15	15	15	15	15
	4	(1)	15	15	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1	-	-	-	-	-	-	-	-	-	-	-	-
	2	0,4	0,4	0,4	0,4	0,5	0,5	1	1	1	1	1	1
	3	4	4	4	5	5	5	7,5	7,5	7,5	7,5	7,5	7,5
	4	-	8	10	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

Категория DC1 L/R < 2,5 ms	Ue	Количество соединенных полюсов	CEM9	CEM12	CEM18	CEM25	CEM32	CEM40	CEM50	CEM65	CEM80	CEM95	CEM105
			24V	1	12	12	12	18	25	32	40	50	50
	2	18	18	18	25	40	40	65	80	80	105	105	105
	3	18	18	18	25	40	40	65	80	80	105	105	105
	4	(1)	18	18	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1	9	9	9	12	18	20	30	35	35	45	45	45
	2	18	18	18	25	40	40	65	80	80	105	105	105
	3	18	18	18	25	40	40	65	80	80	105	105	105
	4	-	18	18	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1	7,5	7,5	7,5	10	15	15	25	30	30	35	35	35
	2	18	18	18	25	40	40	65	80	80	105	105	105
	3	18	18	18	25	40	40	65	80	80	105	105	105
	4	18	18	18	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1	2	2	2	2	3	3	3	3	3	3	3	3
	2	10	10	12	18	25	32	50	60	60	85	85	85
	3	15	15	18	25	32	40	65	80	80	105	105	105
	4	(1)	15	18	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1	0,6	0,6	0,6	0,6	0,6	0,6	0,8	0,8	0,8	0,8	0,8	0,8
	2	2	2	2	2	2	2	7	7	7	7	7	7
	3	12	12	12	18	25	32	50	65	65	95	95	95
	4	(1)	15	18	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1	-	-	-	-	-	-	-	-	-	-	-	-
	2	0,3	0,3	0,3	0,3	0,5	0,5	1	1	1	1	1	1
	3	0,5	0,5	0,5	0,5	3	3	3	3	3	3	3	3
	4	(1)	6	6	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1	-	-	-	-	-	-	-	-	-	-	-	-
	2	-	-	-	-	-	-	-	-	-	-	-	-
	3	0,8	0,8	0,8	0,8	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5
	4	-	2,5	2,5	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

Категория DC1 L/R < 1 ms	Ue	Количество соединенных полюсов	CEM9	CEM12	CEM18	CEM25	CEM32	CEM40	CEM50	CEM65	CEM80	CEM95	CEM105
			24V	1	12	12	12	18	25	32	40	50	50
	2	18	18	18	25	40	40	65	80	80	105	105	105
	3	18	18	18	25	40	40	65	80	80	105	105	105
	4	(1)	18	18	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1	9	9	9	12	18	20	30	35	35	45	45	45
	2	18	18	18	25	40	40	65	80	80	105	105	105
	3	18	18	18	25	40	40	65	80	80	105	105	105
	4	(1)	18	18	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1	7,5	7,5	7,5	10	15	15	25	30	30	35	35	35
	2	18	18	18	25	40	40	65	80	80	105	105	105
	3	18	18	18	25	40	40	65	80	80	105	105	105
	4	-	18	18	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1	0,8	0,8	0,8	0,8	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
	2	5	5	5	5	5	5	50	60	60	80	80	80
	3	15	15	15	20	25	32	60	70	70	95	95	95
	4	(1)	15	18	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1	-	-	-	-	-	-	0,5	0,5	0,5	0,5	0,5	0,5
	2	0,8	0,8	0,8	0,8	0,8	0,8	3	3	3	4	4	4
	3	3	3	3	3	3	3	7	7	7	7	7	7
	4	(1)	(1)	10	10	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1	-	-	-	-	-	-	-	-	-	-	-	-
	2	-	-	-	-	-	-	-	-	-	-	-	-
	3	0,5	0,5	0,5	0,5	0,7	0,7	1	1	1	1	1	1
	4	(1)	2	2	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1	-	-	-	-	-	-	-	-	-	-	-	-
	2	-	-	-	-	-	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-	-	-	-	-	-
	4	-	0,75	0,75	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

(1) - не доступно в четырехполюсном исполнении