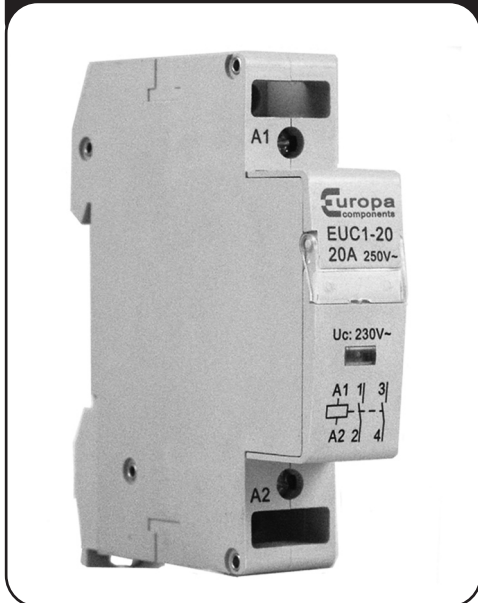


### 2 Pole Modular Contactor



Width 18mm  
Rated Insulation Voltage (Ui) 400V AC  
Terminal Capacity: 1.5 - 10mm<sup>2</sup>

### 4 Pole Modular Contactor



Width 25A 36mm / 40A & 63A 54mm  
Rated Insulation Voltage (Ui) 500V AC  
Terminal Capacity: 25A 1.5 - 10mm<sup>2</sup> / 40A & 63A 2.5 - 25mm<sup>2</sup>

Modular Contactor Specifications	EUC1-20-2P	EUC1-25-2P	EUC2-25-4P	EUC3-40-4P	EUC3-63-4P
Width	18mm	18mm	36mm	54mm	54mm
Rated current (In)	20A	25A	25A	40A	63A
Rated Insulation Voltage (Ui)	400VAC	400VAC	500VAC	500VAC	500VAC
Rated Operating Voltage (Un)	240VAC	240VAC	400VAC	400VAC	400VAC
Rated Operation Current AC1 (Ie)	20A	20A	25A	40A	63A
Rated Operation Current AC3 (Ie)	9A	9A	9A	25A	32A
Rated Power AC1	4KW (230VAC)	4KW (230VAC)	16KW	28KW	40KW
Rated power AC3	-	-	4KW	12KW	15KW
Rated Terminal Capacity	1.5-10mm <sup>2</sup>	1.5-10mm <sup>2</sup>	1.5-10mm <sup>3</sup>	2.5-25mm <sup>2</sup>	2.5-25mm <sup>2</sup>
Rated Terminal Capacity (Coil)	0.75- 2.5mm <sup>2</sup>	0.75- 2.5mm <sup>2</sup>	0.75- 2.5mm <sup>2</sup>	0.75- 2.5mm <sup>2</sup>	0.75- 2.5mm <sup>2</sup>

# Europa components | Modular Contactor Lighting Guide

Lamp Type	Lamp Data		Permissible number of lamps per circuit (230V, 50Hz) Contactor type EUC:				Capacitor Load in uF	
	Watt	In A	20A	25A	40A	63A		
Incandescent lamps	60	0.26	21	25	54	83		
	100	0.43	13	15	32	50		
	200	0.87	7	7	16	25		
	300	1.30	4	5	11	16		
	500	2.17	3	3	6	10		
	1000	4.35	1	1	3	5		
Fluorescent lamps, p.f. uncorrected & series p.f. correction	15	0.33	25	30	100	155		
	20	0.37	22	26	85	135		
	40	0.43	17	20	65	105		
	58	0.67	10	12	40	65		
	65	0.67	10	12	40	65		
	115	1.5	4	5	18	28		
Lead-lag circuit	2 x 20	2 x 0.13	2 x 22	2 x 26	2 x 85	20 x 140		
	2 x 40	2 x 0.22	2 x 17	2 x 20	2 x 65	2 x 105		
	2 x 58	2 x 0.32	2 x 10	2 x 12	2 x 40	2 x 65		
	2 x 65	2 x 0.34	2 x 10	2 x 12	2 x 40	2 x 65		
	2 x 115	2 x 0.65	2 x 4	2 x 5	2 x 18	2 x 28		
	2 x 140	2 x 0.75	2 x 4	2 x 5	2 x 18	2 x 28		
Parallel p.f. correction	15	0.11	6	8	16	67	4.5	
	20	0.13	6	8	16	67	4.5	
	40	0.22	6	8	16	67	4.5	
	58	0.32	4	5	10	43	7	
	65	0.34	4	5	10	43	7	
	115	0.65	1	2	4	17	18	
High-pressure mercur-vapour lamps p.f. uncorrected	50	0.61	12	14	36	50		
	80	0.8	7	10	27	38		
	125	1.15	5	7	19	26		
	250	2.15	3	4	10	14		
	400	3.25	1	2	7	10		
	700	5.40	-	1	4	6		
Parallel p.f. correction	2000 / 400V	8	-	1	3	4		
	50	0.28	4	5	10	43		7
	80	0.41	3	4	8	37		8
	125	0.65	2	3	6	26		10
	250	1.22	1	2	3	15		18
	400	1.95	-	1	3	10		25
High-pressure sodium-vapour lamps p.f. uncorrected	700	3.45	-	-	1	5	45	
	1000	4.8	-	-	1	4	60	
	2000 / 400V	5.45	-	1	2	3	35	
	150	0.83	-	1	3	15	20	
	250	1.5	-	1	2	9	33	
	330	2.0	-	-	2	7	40	
Parallel p.f. correction	400	2.4	-	-	1	6	48	
	1000	6.3	-	-	-	2	106	
	200	1.32	-	1	3	12	25	
	150	1.8	-	4	15	20		
	250	3.0	-	3	9	15		
	330	3.7	-	2	8	10		
Transformers for halogen low-volt lamps	400	4.7	-	1	6	8		
	1000	10.3	-	-	3	4		
	150	0.83	-	1	3	15	20	
	250	1.5	-	1	2	9	33	
	330	2.0	-	-	2	7	40	
	400	2.4	-	-	1	6	48	
Transformers for Watt	1000	6.3	-	-	-	2	106	
	200	5	-	6	14	23		
	150	7	-	9	19	29		
	100	10	-	12	27	43		
	75	13	-	16	35	54		
	50	20	-	24	50	80		
Permissible number of transformers per circuit (230V, 50Hz)	20	40	52	110	174			
	50	20	24	50	80			
	75	13	16	35	54			
	100	10	12	27	43			
	150	7	9	19	29			
	200	5	6	14	23			
Lamps with electronic ballast units (EVG)	300	3	4	9	14			
	EVG for Watt		Permissible number of electronic ballast units per circuit (230V, 50 Hz)					
	1 x 18 -		15	24	55	76		
	2 x 18 -		8	18	34	48		
	1 x 36 -		12	16	34	47		
	2 x 36 -		7	11	20	29		
1 x 58 -		11	14	32	46			
2 x 58 -		6	8	17	24			

