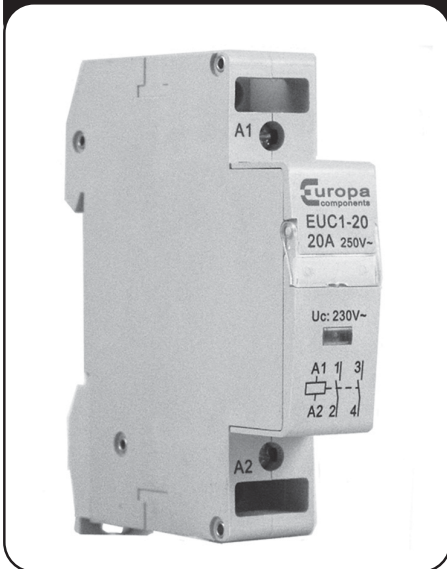


Important Safety Notice

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to. All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation. All connections should be checked periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS

2 Pole Modular Contactor



Width 18mm
Rated Insulation Voltage (Ui) 400V AC
Terminal Capacity: 1.5 - 10mm²

4 Pole Modular Contactor



Width 25A 36mm / 40A & 63A 54mm
Rated Insulation Voltage (Ui) 500V AC
Terminal Capacity: 25A 1.5 - 10mm² / 40A & 63A 2.5 - 25mm²

Specifications

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 ²	1.5-10mm ²	1.5-10mm ²	2.5-25mm ²	2.5-25mm ²
Rated Terminal Capacity (Coil)	0.75-2.5mm ²	0.75-2.5mm ²	0.75-2.5mm ²	0.75-2.5mm ²	0.75-2.5mm ²

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. un-corrected & 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 mercury-vapour lamps 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	
2000 / 400V	8	-	1	3	4		
Parallel p.f. correction	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
	700	3.45	-	-	1	5	45
2000 / 400V	5.45	-	1	2	3	35	
Lamps with electronic ballast units (EVG)	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	

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		
Halogen metal-vapour lamps, p.f.	35	0.53	-	10	28	38		
	70	1	-	5	14	20		
	150	1.8	-	3	8	11		
	250	3	-	2	5	7		
	400	3.5	-	1	4	6		
	1000	9.5	-	-	1	2		
	2000	16.5	-	-	1	1		
	2000 / 3500 / 400V	10.5	-	-	2	2		
		18	-	-	1	1		
		-	-	-	-	-		
Parallel p.f. correction	35	0.25	-	5	11	30	6	
	70	0.45	-	3	5	18	12	
	150	0.75	-	1	3	9	20	
	250	1.5	-	1	2	7	33	
	400	2.5	-	1	2	6	35	
	1000	5.8	-	-	-	2	95	
2000	11.5	-	-	-	1	148		
2000 / 3500 / 400V	6.6	-	-	1	2	58		
	11.6	-	-	-	1	100		
	-	-	-	-	-	-		
Low-pressure mercury-vapour lamps p.f.	35	1.5	5	8	22	30		
	55	1.5	5	8	22	30		
	90	2.4	3	5	13	19		
	135	3.5	2	3	10	13		
	150	3.3	2	3	10	14		
	180	3.3	2	3	10	14		
	200	2.3	3	5	14	20		
	35	0.31	-	1	4	15		20
	55	0.42	-	1	4	15		20
	90	0.63	-	1	3	10		30
135	0.94	-	-	2	7	45		
150	1.0	-	-	2	8	40		
180	1.16	-	-	2	8	40		
200	1.32	-	1	3	12	25		
High-pressure sodium-vapour lamps p.f.	150	1.8	-	4	15	20		
	250	3.0	-	3	9	15		
	330	3.7	-	2	8	10		
	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		
1000	6.3	-	-	-	2	106		
Transformers for Watt			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		
300			3	4	9	14		

