filtered power supplies

open type single phase (continued)

Circuit protection (double pole MCB)

Single phase		Input 230/400 V ±15 V			
U / I	Protection	12 V		24 V	
		Internal	External	Internal	External
0·5 A	Power supply			0470 20	
	MCB/Fuse			T 0·5 A L[1]	4091 95 (1 A)
	Power supply				
	MCB/Fuse			PTC	4091 95 (1 A)
1 A	Power supply	0470 01		0470 21	
	MCB/Fuse	T 1 A L[1]	4091 95 (1 A)	T 1 A L[1]	4091 95 (1 A)
2·5 A	Power supply	0470 02		0470 22	
	MCB/Fuse	T 2·5 A L[1]	4091 97 (3 A)	T 2·5 A L[1]	4091 97 (3 A)
5 A	Power supply	0470 03		0470 23	
	MCB/Fuse	T 5 A L[1]	4091 99 (6 A)	T 5 A L[1]	4091 99 (16 A)
10 A	Power supply	0470 04		0470 24	
	MCB/Fuse	T 10 A L[1]	4092 00 (10 A)	T 10 A L[1]	4092 00 (10 A)
15 A	Power supply			0470 25	
	MCB/Fuse				4092 02 (16 A)

1 : T type fuse is a time delay fuse (5 x 20 mm)

Primary fuse protection required for UL conformity

Supply 230 V : Use 250 V time delay HRC fuse
UL Category Code JDYX2

Supply 400 V : Use 500 V time delay HRC fuse
UL Category Code JDYX

Secondary voltage	12 V		24 V	
Primary voltage	230 V~	400 V~	230 V~	400 V~
Power supply			0470 20	
Fuse rating			0·315 A T	2/10 A
Power supply	0470 01		0470 21	
Fuse rating	0·315 A	2/10 A	0·4 A	2/10 A
Power supply	0470 02		0470 22	
Fuse rating	0·8 A	4/10 A	1 A	6/10 A
Power supply	0470 03		0470 23	
Fuse rating	1·6 A	8/10 A	2 A	1 A
Power supply	0470 04		0470 24	
Fuse rating	3·15 A	$1^{1/2}$ A	4 A	$2^{1/4}$ A
Power supply			0470 25	
Fuse rating			6·3 A	3 A

Electrical characteristics

Cat. Nos.	Voltage (V)	Current rating (A)	Weight (Kg)	Input under load 230 V (A)	Input under load 400 V (A)	Operating voltage				No-load loss (W)	Total loss at nominal load 100 % (W)	Voltage drop (%)
						No-load (V)	Underload (V)	With 100 mA load and input voltage +10%	With nominal load input voltage –15%			
Output 12 V												
0470 01	12	1	1	0·12	0·06	14·4	11·7	15·5	10·3	4·4	7·3	23·5
0470 02	12	2·5	2·45	0·33	0·19	13·9	11·6	15·2	10·2	8·3	11·9	19·4
0470 03	12	5	3·6	0·60	0·34	14·1	12·1	15·5	10·5	11·4	17·1	17·2
0470 04	12	10	6·35	1·24	0·72	14·7	11·8	16·1	10·4	20·2	33·7	24·7
Output 24 V												
0470 20	24	0·5	1	0·12	0·06	27·6	22·9	29·4	20·1	4·4	7·3	20·66
0470 21	24	1	1	0·18	0·10	29·0	22·8	31·2	20·2	4·4	10·3	27·03
0470 22	24	2·5	2·45	0·47	0·27	27·8	23·3	30·4	20·4	8·3	16·3	19·46
0470 23	24	5	3·6	0·88	0·51	27·5	23·2	30·2	20·3	11·4	25·4	18·68
0470 24	24	10	6·35	1·88	1·09	27·7	23·5	30·5	20·5	20	45·3	18·20
0470 25	24	15	7·6	2·53	1·46	27·5	23·2	30·2	20·2	23	54·7	18·70

power contactors CX³ without handle

NEW

16 A to 63 A


4125 05


4125 35


4124 29

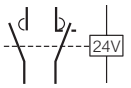
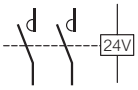

4124 31

Technical information **p. 100**
Dimensions **p. 103**

Conform to IEC/EN 61095
Space for power supply busbar on top (up to 25 A)

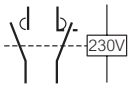
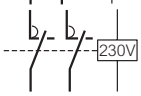
Power contactors with 24 V~ coil

Double pole - 250 V~

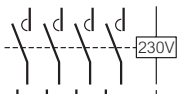
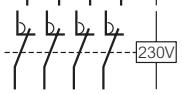
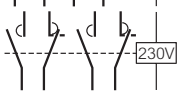
Pack	Cat. Nos.	I max	Connection	Type of contact	Number of modules
1	4125 03	16 A		N/C + N/O	1
1	4125 05	25 A		2 N/O	1

Power contactors with 230 V~ coil

Double pole - 250 V~

Pack	Cat. Nos.	I max	Connection	Type of contact	Number of modules
4	4125 21	16 A		N/C + N/O	1
1	4125 24	25 A		2 N/C	1

Four pole - 400 V~

5	4125 35	25 A		4 N/O	2
1	4125 36	25 A		4 N/C	2
1	4125 33	25 A		2 N/C + 2 N/O	2

Signalling auxiliaries for CX³ contactors

Auxiliary changeover switch
Used to signal the position status of the contacts on the product to which it is connected

For 1 module contactors 16 A to 25 A

Maximum 2 auxiliary devices per contactor
Fitted on left-hand side of contactor

Pack	Cat. Nos.	I max	Voltage	Contact	Number of modules
1	4124 29	5 A	250 V~	N/C + N/O	0.5

For 2 module contactors 25 A

Maximum 2 auxiliary devices per contactor
Fitted on left-hand side of contactor

1	4124 30	5 A	250 V~	N/C + N/O	0.5

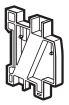
For 63 A contactors

Maximum 1 auxiliary device per contactor
Fitted on left-hand side of contactor

1	4124 31	5 A	250 V~	N/C + N/O	0.5

Accessory

Pack	Cat. Nos.	
10	4063 07	Spacing unit 0·5 module To be placed between every 2 contactors to aid cooling



KEMPSTON
CONTROLS