



# THE FIRST CHOICE OF ENERGY EFFICIENCY

## ELCO CAPACITOR DUTY CONTACTOR

ELCO CNNK series AC-6B contactor is designed for power factor correction application. The contactor is equipped with damping resistor which protect the capacitor from high rush current (approximately 100~200 times of rated current) during capacitor switching.

### FEATURES

- In conformity with: IEC 60947-4-1
- Switching of 3 phase capacitors
- Available for rated voltage 525V
- Ambient temperature up to 55°C
- Maximum permissible peak current  $I \leq 200 I$

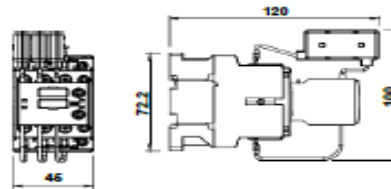


### TECHNICAL SPECIFICATION

Type		CNNK 12 10	CNNK 20 10	CNNK 30 10	CNNK 40	CNNK 50	CNNK 60	CNNK 75	CNNK 80
Rated operation current Ie Amps		18	29	44	58	72	87	108	116
Rated Capacitor Power	220/240V AC-6b (Kvar)	6.7	11	20	25	29	32	38	45
	400/440V AC-6b (Kvar)	12.5	20	30	40	50	60	75	80
	500/550V AC-6b (Kvar)	15	24	35	50	60	70	80	100
	660/690V AC-6b (Kvar)	18	30	40	58	70	80	105	115
Electrical Endurance	Operating-cycles	250,000	175,000	125,000				100,000	
Permissible Operating Temperature	°C	-25 to +55							
Frequency of Oportion, max	Cycles/Hour	240	120			100			
Rated Impulse Withstand Voltage	KV	6				8			
Degree of Protection		IP20							IP00
Rated Insulating Voltage Ui	V	690				1000			
Maximum Permissible Fuse Rating	main circuit gL/gG, A	35	50	80	100	125	160	160	
	auxilliary circuit, A	16							
Consumption of electromagnet in cold state with Un AC Operated	Closing, VA	62		65	155			204	400
	p.f.	0.75		0.75	0.6			0.54	0.48
	Closed, VA	7		8	12			16	26
	p.f.	0.3		0.3	0.29			0.26	0.24
Weight (kg)		0.4	0.4	0.6	1.0	1.0	1.0	1.5	2.5
Coil energizing voltage	V	230 +10% / -15%							

### PRODUCT DIMENSION

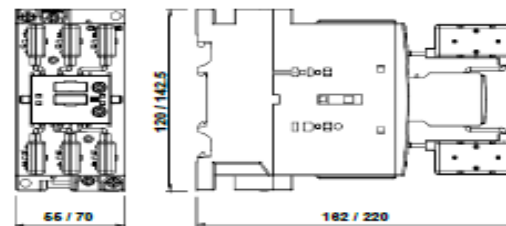
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CNNK 30



CNNK 40, 50, 60 / 75



CNNK 80

