



K3-18NK...



K3-24K...
K3-32K...



K3-50K...
K3-62K...
K3-74K...



K3-90K...
K3-115K...

Capacitor contactors for switching detuned and not detuned (without filter circuit reactors) compensation systems with early make contacts

Specifications:

K3-..K capacitor contactors are well-suited for detuned and not detuned batteries (IEC70 and 831, VDE 0560) with and without filter circuit reactors. Capacitor contactors are equipped with early make contacts switches and damping resistors in order to reduce inrush peaks to $<70 \times I_e$.

Conditions of use:

Capacitor contactors are weld-resistant to a prospective maximum inrush current of $200 \times I_e$.

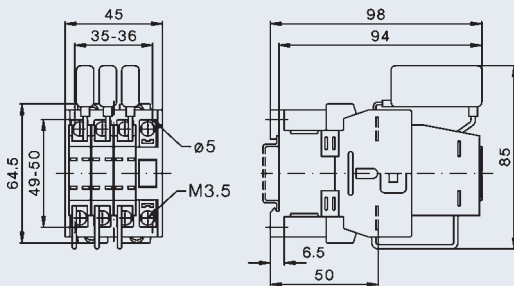
TYPE	Item no.	Power in kvar at 50 °C
K3-18K-10-230	10520	12.5
K3-32K-00-230	10523	25.0
K3-62K-00-230	10526	50.0
K3-74K-00-230	10525	75.0
K3-90K-00-230	10531	80.0
K3-115K-00-230	21592	100.0

Technical data in accordance with IEC 947-4-1, IEC 947-5-1, EN 60947-4-1, EN 60947-5-1, VDE 0660

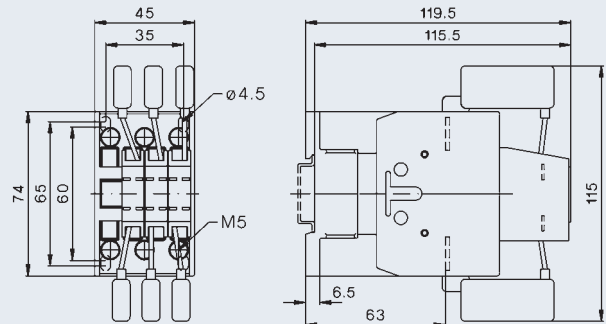
TYPE		K3-18NK	K3-24K	K3-32K	K3-50K	K3-62K	K3-74K	K3-90K	K3-115K	
Switching frequency z	1/h	120	120	120	120	120	80	80	80	
Contact life of untuned capacitors	$S \times 10^3$	250	150	150	150	150	120	120	120	
Contact life of detuned capacitors	$S \times 10^3$	400	300	300	300	300	200	200	200	
Rated operating current I_e AC6b	at 50 °C	A	0-18	14-28	14-36	30-48	30-72	30-108	50-115	50-144
	at 60 °C	A	0-18	14-28	14-36	30-48	30-72	30-87	50-108	50-130
Rated thermal current I_{th} AC1	at 50 °C	A	32	45	60	100	110	120	155	190
	at 60 °C	A	32	40	55	90	100	110	145	170
Overload factor according to EN 61921 at least 30%	at 50 °C	%	78	60	67	108	53	11	35	32
	at 60 °C	%	78	43	53	88	39	26	34	31
Fuses gL (gG)	from/to	A	35/63	50/80	63/100	80/160	125/160	160/200	160/200	160/250

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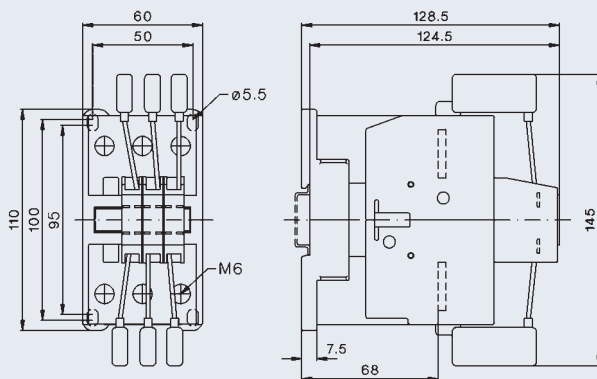
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