



Getting to grips with inrush current

The new PKZM 0-T transformer-protective circuit-breaker reliably protects transformers in the event of short-circuit and overload. The short-circuit release is set to $20 \times I_U$, so even transformers with a high inrush current are protected.

These new circuit-breakers carry on the tried and tested system concept of the PKZ 0 motor-protective circuit-breaker. All the existing accessories of the range can be used too for transformer-protective circuit-breakers, enabling easy implementation of a wide range of signalling and indication tasks.

Rated uninterrupted current I_U	Setting range of overload release I_r	Short-circuit release I_{Im}	Type Article no.	Price	Standards	IEC 947
A	A	A			Ambient temperature °C	-25/+55
					Degree of protection to IEC 947	IP 20
					Protection against electric shock	Finger- and back-of-hand proof to IEC 536
0.16	0.1-0.16	2.4	PKZM 0-0,16-T 088907		Terminal capacity	
0.25	0.16-0.25	4.25	PKZM 0-0,25-T 088908		1 conductor: solid flexible with ferrule	mm ² 1-6
0.4	0.25-0.4	6.8	PKZM 0-0,4-T 088909		2 conductors: solid flexible with ferrule	mm ² 1-4 1-2.5 1-2.5
0.63	0.4-0.63	11.97	PKZM 0-0,63-T 088910		Tightening torque	
1	0.63-1	20	PKZM 0-1-T 088911		Main cable	Nm 1.7
1.6	1-1.6	32	PKZM 0-1,6-T 088912		Control circuit cable	Nm 1.0
2.5	1.6-2.5	50	PKZM 0-2,5-T 088913		Rated impulse withstand voltage U_{imp}	V 6000
4	2.5-4	84	PKZM 0-4-T 088914		Rated operational voltage U_e	V 690
6.3	4-6.3	141	PKZM 0-6,3-T 088915		Rated frequency	Hz 40-60
10	6.3-10	224	PKZM 0-10-T 088916		Adjustable overload releases	$\times I_U$ 0.6-1
16	10-16	358	PKZM 0-16-T 088917		Fixed short-circuit releases	$\times I_U$ 20
20	16-20	380	PKZM 0-20-T 088918		Short-circuit release tolerance	% ± 20

