

IEC Technical data

A9 – A110

Built-in Auxiliary Contacts - Utilization Characteristics

Contactor types: A...		9	12	16	26	30	40	45	50	63	75	95	110
Rated operational voltage U_e max.	V	690						-	-	-	-	-	-
Conventional free air thermal current I_{th} - $\theta \leq 40$ °C	A	16						-	-	-	-	-	-
Rated frequency limits	Hz	25 ... 400						-	-	-	-	-	-
Rated operational current I_e / AC-15 according to IEC 60947-5-1													
24-127 V 50/60 Hz	A	6						-	-	-	-	-	-
220-240 V 50/60 Hz	A	4						-	-	-	-	-	-
380-440 V 50/60 Hz	A	3						-	-	-	-	-	-
500 V 50/60 Hz	A	2						-	-	-	-	-	-
690 V 50/60 Hz	A	2						-	-	-	-	-	-
Rated operational current I_e / DC-13 according to IEC 60947-5-1													
24 V d.c.	A / W	6 / 144						-	-	-	-	-	-
48 V d.c.	A / W	2.8 / 134						-	-	-	-	-	-
72 V d.c.	A / W	2 / 144						-	-	-	-	-	-
125 V d.c.	A / W	1.1 / 138						-	-	-	-	-	-
250 V d.c.	A / W	0.55 / 138					-	-	-	-	-	-	-
Rated making capacity acc. to IEC 60947-5-1		10 x I_e / AC-15						-	-	-	-	-	-
Rated breaking capacity acc. to IEC 60947-5-1		10 x I_e / AC-15						-	-	-	-	-	-
Short-circuit protection gG type fuse	A	10						-	-	-	-	-	-
Rated short-time withstand current I_{cw} for 1.0 s	A	100						-	-	-	-	-	-
for 0.1 s	A	140						-	-	-	-	-	-
Minimum switching capacity	V / mA	17 / 5						-	-	-	-	-	-
Non-overlapping time between N.O. and N.C. contacts	ms	≥ 2						-	-	-	-	-	-
Insulating resistance at 500 V d.c. after durability test	MOhm	5						-	-	-	-	-	-
Heat dissipation per pole at 6 A	W	0.10						-	-	-	-	-	-