



PRODUCT-DETAILS

AX25-30-10-80

AX25-30-10-80 220-230V50Hz/230-240V60Hz Contactor



□□□□	
□□□□	AX25-30-10-80
□□□□	1SBL931074R8010
□□□□□(EAN)	3471522397805
□□□□	AX25-30-10-80 220-230V50Hz/230-240V60Hz Contactor
□□□□	AX09...AX25 contactors are mainly used for controlling 3-phase motors and power circuits up to 690 V AC. These contactors are of the block type design with: - 3 main poles and 1 built-in auxiliary contact - control circuit: AC operated - add-on auxiliary contact blocks for front or side mounting and a wide range of accessories.

□□□□	
□□□□	1 piece
□□□□	85364900

Popular Downloads

EPLAN Data	9AAC177927_EPLAN
□□□□□□□□	1SBC100187L0203
□□□□□□	9AKK107492A7057

□□	
□□□□	44 mm
□□□□	74 mm
□□□□	76.3 mm
□□□□	0.326 kg

□□□□	
□□□□NO□□	3
□□□□NC□□	0
□□□□NO□□	1
□□□□NC□□	0
□□□□□□	Auxiliary Circuit 690 V Main Circuit 690 V
□□□□ (f)	Auxiliary Circuit 50 / 60 Hz Main Circuit 50 / 60 Hz
□□□□□□□□	acc. to IEC 60947-4-1, Open Contactors $\Theta = 40\text{ °C}$ 32 A
□□ (I _{th})	acc. to IEC 60947-5-1, $\Theta = 40\text{ °C}$ 16 A
□□□□ AC-1 (I _e)	(220 / 240 V) 55 °C 27 A (690 V) 40 °C 32 A (690 V) 70 °C 23 A
□□□□ AC-3 (I _e)	(415 V) 55 °C 25 A (440 V) 55 °C 16 A (500 V) 55 °C 14 A (690 V) 55 °C 10 A (380 / 400 V) 55 °C 25 A (220 / 230 / 240 V) 55 °C 25 A
□□□□ AC-15 (I _e)	(500 V) NC 2 (500 V) 2 A (690 V) 2 A (24 / 127 V) 6 A (220 / 240 V) 4 A (380 / 400 V) 3 A (400 / 440 V) 2 A
□□□□ DC-13 (I _e)	(24 V) 6 A / 144 W (110 V) 1.1 A / 121 W (125 V) 1.1 A / 138 W (220 V) 0.55 A / 121 W (250 V) 0.55 A / 138 W (400 V) 2.8 A / 134 W (500 V) 2 A / 144 W
□□□□ AC-3 (P _e)	(415 V) 11 kW (440 V) 9 kW (500 V) 9 kW (690 V) 9 kW (380 / 400 V) 11 kW (220 / 230 / 240 V) 6.5 kW
□□□□□□ (I _{cw})	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 200 A at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 32 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 85 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 300 A at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 105 A for 0.1 s 140 A for 1 s 100 A
□□□□□□	cos phi=0.45 (cos phi=0.35 for I _e > 100 A) at 440 V 250 A cos phi=0.45 (cos phi=0.35 for I _e > 100 A) at 690 V 90 A
□□□□□□ (U _i)	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 690 V
□□□□□□□□ (U _{imp})	Auxiliary Circuit 6 kV
□□□□□□□□	(AC-1) 600 cycles per hour (AC-15) 1200 cycles per hour (AC-3) 1200 cycles per hour (DC-13) 900 cycles per hour

□□□□□□	3600 cycles per hour
□□□□□□ (U c)	50 Hz 220 ... 230 V 60 Hz 230 ... 240 V
□□□□	at Rated Operating Conditions AC-1 per Pole 1.2 W at Rated Operating Conditions AC-3 per Pole 0.35 W
□□□□	Between Coil De-energization and NC Contact Closing 9 ... 16 ms Between Coil De-energization and NO Contact Opening 4 ... 11 ms Between Coil Energization and NC Contact Opening 7 ... 21 ms Between Coil Energization and NO Contact Closing 10 ... 26 ms
□□□□	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20
□□□□	Auxiliary Circuit 1 N-m Control Circuit 1 N-m Main Circuit 1.2 N-m
□□□□	Screw Terminals
□□	Block Contactor

UL/CSA□□□□□□

□□□□UL/CSA	(600 V AC) 30 A
□□□□UL/CSA	(120 V AC) Single Phase 2 hp (200 ... 208 V AC) Three Phase 7.5 hp (220 ... 240 V AC) Three Phase 7.5 hp (240 V AC) Single Phase 3 hp (440 ... 480 V AC) Three Phase 15 hp (550 ... 600 V AC) Three Phase 15 hp
□□□□UL/CSA	Auxiliary Circuit 9 in-lb Control Circuit 9 in-lb Main Circuit 11 in-lb
□□□□□□□□	(120 V AC) Single Phase 24 A (200 ... 208 V AC) Three Phase 25.3 A (220 ... 240 V AC) Three Phase 22 A (240 V AC) Single Phase 17 A (440 ... 480 V AC) Three Phase 21 A (550 ... 600 V AC) Three Phase 17 A

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□□□□□□	Close to Contactor Fitted with Thermal O/L Relay -25 ... 55 °C Close to Contactor without Thermal O/L Relay -40 ... 70 °C Close to Contactor for Storage -60 ... +80 °C Near Contactor for Operation in Free Air -40 ... 70 °C
□□	acc. to IEC 60068-2-30 and 60068-2-11 - UTE C 63-100 specification II
□□□□□□□□	Without Derating 3000 m

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2021-006202
RoHS□□	2CMT2021-006277
RoHS□□	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	2CMT2023-006525
WEEE B2C / B2B	Business To Business
WEEE □□	5. Small Equipment (No External Dimension More Than 50 cm)

□□□□□□□□□□

CB□□	9AKK107492A7072
CCC□□	9AKK107492A7089

