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 PRODUCT-DETAILS

# AX09-30-10-80

## AX09-30-10-80 220-230V50Hz/230-240V60Hz Contactor




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**概要信息**

产品型号	AX09-30-10-80
产品ID	1SBL901074R8010
欧洲商品编号(EAN)	3471522391803
目录说明	AX09-30-10-80 220-230V50Hz/230-240V60Hz Contactor
详细描述	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.

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**订货信息**

最小起订量	1 piece
海关关税号	85364900

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**Popular Downloads**

EPLAN Data	9AAC177924_EPLAN
数据手册, 技术资料	1SBC100187L0203

说明书和手册	9AKK107492A7057
CAD Dimensional Drawing	2CDC001079B0201

## 尺寸

产品净宽	44 mm
产品净深	74 mm
产品净高	74 mm
产品净重	0.326 kg

## 技术参数

主触点NO数量	3
主触点NC数量	0
辅助触点NO数量	1
辅助触点NC数量	0
额定工作电压	Auxiliary Circuit 690 V Main Circuit 690 V
额定频率 (f)	Auxiliary Circuit 50 / 60 Hz Main Circuit 50 / 60 Hz
额定发热电流 (自由空气) ( $I_{th}$ )	acc. to IEC 60947-4-1, Open Contactors $\Theta = 40\text{ }^{\circ}\text{C}$ 24 A acc. to IEC 60947-5-1, $\Theta = 40\text{ }^{\circ}\text{C}$ 16 A
额定工作电流 AC-1 ( $I_e$ )	(220 / 240 V) 55 $^{\circ}\text{C}$ 22 A (690 V) 40 $^{\circ}\text{C}$ 22 A (690 V) 70 $^{\circ}\text{C}$ 18 A
额定工作电流 AC-3 ( $I_e$ )	(415 V) 55 $^{\circ}\text{C}$ 9 A (440 V) 55 $^{\circ}\text{C}$ 9 A (500 V) 55 $^{\circ}\text{C}$ 9 A (690 V) 55 $^{\circ}\text{C}$ 7 A (380 / 400 V) 55 $^{\circ}\text{C}$ 9 A (220 / 230 / 240 V) 55 $^{\circ}\text{C}$ 9 A
额定工作电流 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
额定工作电流 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
额定工作功率 AC-3 ( $P_e$ )	(415 V) 4 kW (440 V) 4 kW (500 V) 5.5 kW (690 V) 5.5 kW (380 / 400 V) 4 kW (220 / 230 / 240 V) 2.2 kW
额定不间断电流 ( $I_{cW}$ )	at 40 $^{\circ}\text{C}$ Ambient Temp, in Free Air, from a Cold State 10 s 100 A at 40 $^{\circ}\text{C}$ Ambient Temp, in Free Air, from a Cold State 15 min 26 A at 40 $^{\circ}\text{C}$ Ambient Temp, in Free Air, from a Cold State 1 min 50 A at 40 $^{\circ}\text{C}$ Ambient Temp, in Free Air, from a Cold State 1 s 250 A at 40 $^{\circ}\text{C}$ Ambient Temp, in Free Air, from a Cold State 30 s 60 A for 0.1 s 140 A for 1 s 100 A
最大分断容量	cos phi=0.45 (cos phi=0.35 for $I_e > 100\text{ A}$ ) at 440 V 250 A cos phi=0.45 (cos phi=0.35 for $I_e > 100\text{ A}$ ) at 690 V 90 A

额定绝缘电压 (U <sub>i</sub> )	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 690 V
额定冲击耐受电压 (U <sub>imp</sub> )	Auxiliary Circuit 6 kV
最高电气切换频率	(AC-1) 600 cycles per hour (AC-15) 1200 cycles per hour (AC-3) 1200 cycles per hour (DC-13) 900 cycles per hour
最高机械切换频率	3600 cycles per hour
额定控制电路电压 (U <sub>c</sub> )	50 Hz 220 ... 230 V 60 Hz 230 ... 240 V
功率损耗	at Rated Operating Conditions AC-1 per Pole 0.8 W at Rated Operating Conditions AC-3 per Pole 0.1 W
工作时间	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
防护等级	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
拧紧力矩	Auxiliary Circuit 1 N·m Control Circuit 1 N·m Main Circuit 1 N·m
端子类型	Screw Terminals
产品	Block Contactor

## UL/CSA适用的技术参数

通用等级UL/CSA	(600 V AC) 21 A
额定功率UL/CSA	(120 V AC) Single Phase 1/2 hp (200 ... 208 V AC) Three Phase 2 hp (220 ... 240 V AC) Three Phase 2 hp (240 V AC) Single Phase 1.5 hp (440 ... 480 V AC) Three Phase 5 hp (550 ... 600 V AC) Three Phase 7.5 hp
拧紧力矩UL/CSA	Auxiliary Circuit 9 in·lb Control Circuit 9 in·lb Main Circuit 9 in·lb
满载电流电机使用	(120 V AC) Single Phase 9.8 A (200 ... 208 V AC) Three Phase 7.8 A (220 ... 240 V AC) Three Phase 6.8 A (240 V AC) Single Phase 10 A (440 ... 480 V AC) Three Phase 7.6 A (550 ... 600 V AC) Three Phase 9 A

## 环境条件

周围环境温度	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
耐候	acc. to IEC 60068-2-30 and 60068-2-11 - UTE C 63-100 specification II
允许的最高工作海拔	Without Derating 3000 m

## Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2021-006202
RoHS信息	2CMT2021-006277

RoHS状态	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 类别	5. Small Equipment (No External Dimension More Than 50 cm)

## 认证及声明 (文件编码)

CB认证	9AKK107492A7072
CCC认证	9AKK107492A7089
CCS认证	GZ23PTB00147
CQC认证	CQC2013010304646608
Declaration of Conformity - CCC	2020980304001066
符合性声明 - CE	1SBD250011U1000
UL认证	UL_20140702-E312527-10-5

## 包装信息

1级包装单元	box 1 piece
1级包装宽度	48 mm
1级包装长度	78 mm
1级包装高度	79 mm
1级包装 总重	0.34 kg
1级包装 EAN	3471522391803

## 外部分类和标准

对象分类代码	Q
ETIM 7	EC000066 - Power contactor, AC switching
ETIM 8	EC000066 - Power contactor, AC switching
ETIM 9	EC000066 - Power contactor, AC switching
e级	V11.0 : 27371003
UNSPSC	39121529
IDEA 粒度分类代码 (IGCC)	4755 >> Contactors
E-Number (Finland)	3707302

## 分类

低压产品及系统 → 控制产品 → 接触器 → 模块化接触器 → AX Contactors → AX09

