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Detailed information for: AX32-30-10-88

This page contains technical data sheet, documents library and links to offering related to this product. If you require any other information, please contact us using form located at the bottom of the page.

AX32-30-10-88

General Information

Extended Product Type:	AX32-30-10-88
Product ID:	1SBL281074R8810
EAN:	3471522399885
Catalog Description:	AX32-30-10-88 230-240V50Hz/240V-260V60Hz Contactor
Long Description:	AX32, AX40 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.

Categories

Products » Low Voltage Products and Systems » Control Products » Contactors » Block Contactors

Classifications

Object Classification Code: Q

ETIM 6:	EC000066 - Power contactor, AC switching
ETIM 7:	EC000066 - Power contactor, AC switching
UNSPSC:	39121529
IDEA Granular Category Code (IGCC):	4755 >> Contactors

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	65 mm
Package Level 1 Depth / Length:	101 mm
Package Level 1 Height:	115 mm
Package Level 1 Gross Weight:	0.71 kg
Package Level 1 EAN:	3471522399885
Package Level 2 Units:	12 piece
Package Level 2 Width:	240 mm
Package Level 2 Depth / Length:	295 mm
Package Level 2 Height:	145 mm
Package Level 2 Gross Weight:	8.52 kg

Certificates and Declarations (Document Number)

CB Certificate:	<u>9AKK107492A7073</u>
CCC Certificate:	<u>9AKK107492A7090</u>
CCS Certificate:	<u>9AKK107492A7096</u>

Declaration of Conformity - 1SBD250011U1000**CE:****Instructions and Manuals:** 9AKK107492A7057**RoHS Information:** 1SBD251301E1000**Technical UL/CSA****General Use Rating** (600 V AC) 50 A**UL/CSA:**

Horsepower Rating (120 V AC) Single Phase 3 Hp
UL/CSA: (240 V AC) Single Phase 7.5 Hp
 (200 ... 208 V AC) Three Phase 10 Hp
 (220 ... 240 V AC) Three Phase 10 Hp
 (440 ... 480 V AC) Three Phase 25 Hp
 (550 ... 600 V AC) Three Phase 30 Hp

Tightening Torque UL/CSA: Auxiliary Circuit 9 in·lb
 Control Circuit 9 in·lb
 Main Circuit 20 in·lb

Environmental

Ambient Air Temperature: Close to Contactor for Storage -60 ... +80 °C
 Close to Contactor Fitted with Thermal O/L Relay -25 ... +55 °C
 Close to Contactor without Thermal O/L Relay -40 ... +70 °C
 Near Contactor for Operation in Free Air -40 ... +70 °C

Climatic Withstand: acc. to IEC 60068-2-30 and 60068-2-11 - UTE C 63-100 specification II

Maximum Operating Altitude Permissible: 3000 m

RoHS Status: Following EU Directive 2002/95/EC August 18, 2005 and amendment

Technical

Number of Main Contacts 3
NO:

Number of Main Contacts 0
NC:

Number of Auxiliary Contacts 1
NO:

Number of Auxiliary Contacts 0
NC:

Rated Operational Voltage: Auxiliary Circuit 690 V
 Main Circuit 690 V

Rated Frequency (f): Auxiliary Circuit 50 / 60 Hz
 Main Circuit 50 / 60 Hz

Conventional Free-air Thermal Current (I_{th}): acc. to IEC 60947-4-1, Open Contactors $q = 40$ °C 65 A
 acc. to IEC 60947-5-1, $q = 40$ °C 16 A

Rated Operational Current AC-1 (I_e): (690 V) 40 °C 55 A
 (690 V) 70 °C 39 A
 (220 / 240 V) 55 °C 55 A

Rated Operational Current AC-3 (I_e): (220 / 230 / 240 V) 55 °C 32 A
 (380 / 400 V) 55 °C 32 A

	(415 V) 55 °C 32 A (440 V) 55 °C 32 A (500 V) 55 °C 28 A (690 V) 55 °C 21 A
Rated Operational Power AC-3 (P_e):	(220 / 230 / 240 V) 9 kW (380 / 400 V) 15 kW (415 V) 15 kW (440 V) 18.5 kW (500 V) 18.5 kW (690 V) 18.5 kW
Rated Operational Current AC-15 (I_e):	(220 / 240 V) 4 A (24 / 127 V) 6 A (400 / 440 V) 2 A (500 V) 2 A (690 V) 2 A (380 / 440 V) 3 A
Rated Short-time Withstand Current (I_{cw}):	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 400 A at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 65 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 150 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 600 A at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 225 A for 0.1 s 140 A for 1 s 100 A
Maximum Breaking Capacity:	cos phi=0.45 (cos phi=0.35 for I _e > 100 A) at 440 V 820 A cos phi=0.45 (cos phi=0.35 for I _e > 100 A) at 690 V 340 A
Maximum Electrical Switching Frequency:	AC-1 600 cycles per hour AC-15 1200 cycles per hour AC-3 1200 cycles per hour DC-13 900 cycles per hour
Rated Operational Current DC-13 (I_e):	(110 V) 1.1 A / 121 W (220 V) 0.55 A / 121 W (400 V) 2.8 A / 134 W (500 V) 2 A / 144 W (125 V) 1.1 A / 138 W (24 V) 6 A / 144 W (250 V) 0.55 A / 138 W
Rated Insulation Voltage (U_i):	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 690 V
Rated Impulse Withstand Voltage (U_{imp}):	6 kV
Maximum Mechanical Switching Frequency:	3600 cycles per hour
Rated Control Circuit Voltage (U_c):	50 Hz 230 ... 240 V 60 Hz 240 ... 260 V
Operate Time:	Between Coil De-energization and NC Contact Closing 7 ... 14 ms Between Coil De-energization and NO Contact Opening 4 ... 11 ms

Between Coil Energization and NC Contact Opening 6 ... 18 ms
 Between Coil Energization and NO Contact Closing 8 ... 21 ms

Degree of Protection: 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

Terminal Type: Screw Terminals

Dimensions

Product Net Width: 54 mm

Product Net Depth / Length: 90 mm

Product Net Height: 108.3 mm

Product Net Weight: 0.667 kg

Popular Downloads

Data Sheet, Technical Information: [No](#)

Instructions and Manuals: [9AKK107492A7057](#)

Ordering

Minimum Order Quantity: 1 piece

Customs Tariff Number: 85364900



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