

PRODUCT-DETAILS

# AX370-30-11-81

## AX370-30-11-81 Contactor



### General Information

Extended Product Type	AX370-30-11-81
Product ID	1SFL607074R8111
EAN	7320500514573
Catalog Description	AX370-30-11-81 Contactor
Long Description	AX370-30-11-81 Contactor

### Classifications

Object Classification Code	Q
ETIM 4	EC000066 - Magnet contactor, AC-switching
ETIM 5	EC000066 - Magnet contactor, AC-switching
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	box 1 piece
-----------------------	-------------

Package Level 1 Width	175 mm
Package Level 1 Depth / Length	270 mm
Package Level 1 Height	223 mm
Package Level 1 Gross Weight	5.4 kg

## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CMT2015-005443
Instructions and Manuals	N/A
RoHS Information	2CMT2015-005443

## Environmental

Ambient Air Temperature	Close to Contactor for Storage -40 ... +70 °C Close to Contactor Fitted with Thermal O/L Relay (0.85 ... 1.1 Uc) -25 ... +55 °C Close to Contactor without Thermal O/L Relay (0.85 ... 1.1 Uc) -40 ... +70 °C
Maximum Operating Altitude Permissible	3000 m
RoHS Status	Following EU Directive 2011/65/EU

## Technical

Number of Main Contacts NO	3
Number of Main Contacts NC	0
Number of Auxiliary Contacts NO	1
Number of Auxiliary Contacts NC	1
Rated Operational Voltage	Main Circuit 1000 V
Rated Frequency (f)	Main Circuit 60 Hz
Conventional Free-air Thermal Current ( $I_{th}$ )	acc. to IEC 60947-4-1, Open Contactors $q = 40$ °C 250 A
Rated Operational Current AC-1 ( $I_e$ )	(690 V) 40 °C 600 A (690 V) 55 °C 500 A (690 V) 70 °C 400 A
Rated Operational Current AC-3 ( $I_e$ )	(220 / 230 / 240 V) 55 °C 370 A (380 / 400 V) 55 °C 370 A (415 V) 55 °C 370 A (440 V) 55 °C 370 A (500 V) 55 °C 315 A (690 V) 55 °C 315 A
Rated Operational Power AC-3 ( $P_e$ )	(220 / 230 / 240 V) 110 KWT (380 / 400 V) 200 KWT (415 V) 200 KWT (440 V) 200 KWT (500 V) 250 KWT (690 V) 315 KWT
Rated Breaking Capacity AC-3 acc. to IEC 60947-4-1	8 x $I_e$ AC-3

Rated Making Capacity AC-3 acc. to IEC 60947-4-1	10 x I <sub>e</sub> AC-3
Rated Short-time Withstand Current (I <sub>cw</sub> )	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 2960 A at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 600 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 1208 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 3700 A at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 1709 A
Maximum Electrical Switching Frequency	300 cycles per hour
Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 690 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Mechanical Durability	5 million
Maximum Mechanical Switching Frequency	300 cycles per hour
Coil Operating Limits	(acc. to IEC 60947-4-1) U <sub>c</sub> (at θ ≤ 70 °C)
Rated Control Circuit Voltage (U <sub>c</sub> )	50 Hz 24 V 60 Hz 24 V
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20
Terminal Type	Main Circuit: Bars

## Dimensions

Product Net Width	140 mm
Product Net Depth / Length	180 mm
Product Net Height	225 mm
Product Net Weight	4.7 kg

## Popular Downloads

Instructions and Manuals	N/A
--------------------------	-----

## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

## Categories

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

