

PRODUCT-DETAILS

# A9-30-01 190V 50Hz / 220V 60Hz

## A9-30-01 190V 50Hz / 220V 60Hz Contactor



### General Information

Extended Product Type	A9-30-01 190V 50Hz / 220V 60Hz
Product ID	1SBL141001R3601
EAN	3471522030368
Catalog Description	A9-30-01 190V 50Hz / 220V 60Hz Contactor

#### Long Description

A 9 contactors are mainly used for controlling 3-phase motors and generally for controlling power circuits up to 690 V AC or 220 V DC. The contactors can also be used for many other applications such as isolation, capacitor switching, lighting. The A... series 1-stack 3-pole contactors are of the block type design. - Main poles and auxiliary contact blocks: 3 main poles, 1 built-in auxiliary contact, front and side-mounted add-on auxiliary contact blocks - Control circuit: AC operated with laminated magnet circuit - Accessories: a wide range of accessories is available.

### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

### Popular Downloads

Data Sheet, Technical Information	1SBC100122C0202_Ch02
Instructions and Manuals	FPTC407721P0001

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**Dimensions**

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Product Net Width	44 mm
Product Net Depth / Length	74 mm
Product Net Height	74 mm
Product Net Weight	0.34 kg

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Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Mechanical Durability	10 million
Maximum Mechanical Switching Frequency	3600 cycles per hour
Rated Control Circuit Voltage (U <sub>c</sub> )	50 Hz 190 V 60 Hz 220 V
Coil Consumption	Average Holding Value 50 Hz 8 V·A Average Holding Value 60 Hz 8 V·A Average Pull-in Value 50 Hz 70 V·A Average Pull-in Value 60 Hz 80 V·A
Operate Time	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
Connecting Capacity Main Circuit	Flexible with Cable End 0.75 ... 2.5 mm <sup>2</sup> Rigid Cable 1 ... 4 mm <sup>2</sup>
Connecting Capacity Auxiliary Circuit	Flexible with Cable End 0.75 ... 2.5 mm <sup>2</sup> Rigid Cable 1 ... 4 mm <sup>2</sup>
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
Connecting Terminals (delivered in open position) Main Poles	M 3.5 (+,-) pozidriv 2 screws with cable clamp
Terminal Type	Screw Terminals

## Technical UL/CSA

General Use Rating UL/CSA	(600 V AC) 21 A
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## Environmental

Ambient Air Temperature	Close to Contactor Fitted with Thermal O/L Relay -25 ... 55 °C Close to Contactor without Thermal O/L Relay (0.85 ... 1.1 U <sub>c</sub> ) -40 ... 55 °C Close to Contactor without Thermal O/L Relay (U <sub>c</sub> ) -40 ... 70 °C Close to Contactor for Storage -60 ... +80 °C
Climatic Withstand	acc. to IEC 60068-2-30 and 60068-2-11 - UTE C 63-100 specification II
Maximum Operating Altitude Permissible	Without Derating 3000 m
Resistance to Shock acc. to IEC 60068-2-27	Closed, Shock Direction: B1 10 g Open, Shock Direction: B1 5 g Shock Direction: A 20 g Shock Direction: B2 15 g Shock Direction: C1 20 g Shock Direction: C2 20 g
RoHS Status	Following EU Directive 2011/65/EU

## Certificates and Declarations (Document Number)

BV Certificate	BV_2634H07559E0
CB Certificate	CB_CN44759
CCC Certificate	CCC_2018010304059156 CCC_2004010309130463
CQC Certificate	CQC2013010304615753 CQC2018010304059156 CQC2004010309130463
CSA Certificate	CSA_1041746
Declaration of Conformity - CCC	2020980304001607 2020980304001616 2020980304001229

Declaration of Conformity - CE	1SBD250801U1000
DNV Certificate	DNV-GL_TAE00000TX
DNV GL Certificate	DNV-GL_TAE00000TX
EAC Certificate	EAC_RU C-FR ME77 B03599
Environmental Information	1SBD250001E1004
Instructions and Manuals	FPTC407721P0001
LR Certificate	LRS_9830011E4
RINA Certificate	RINA_ELE172319XG001
RMRS Certificate	RMRS_0507015250
RoHS Information	1SBD250801U1000
UL Certificate	UL_20160205-E312527-10-2
UL Listing Card	UL_E312527

## Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	78 mm
Package Level 1 Depth / Length	76 mm
Package Level 1 Height	47 mm
Package Level 1 Gross Weight	0.34 kg
Package Level 1 EAN	3471522030368
Package Level 2 Units	box 63 piece
Package Level 2 Width	300 mm
Package Level 2 Depth / Length	245 mm
Package Level 2 Height	308 mm
Package Level 2 Gross Weight	21.42 kg
Package Level 3 Units	1220 piece

## 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
eClass	V11.0 : 27371003
UNSPSC	39121529

## Categories

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

