

PRODUCT-DETAILS

# A50-30-00RT 110-120V60Hz 110V50Hz

## A50-30-00-RT 110-120V60HZ



### General Information

Extended Product Type	A50-30-00RT 110-120V60Hz 110V50Hz
Product ID	1SBL351010R8400
EAN	3471522243744
Catalog Description	A50-30-00-RT 110-120V60HZ

Long Description	A50 contactors are mainly used for controlling 3-phase motors and generally for controlling power circuits up to 690 V AC / 1000 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, 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.
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### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

### Popular Downloads

Data Sheet, Technical Information	1SBC101015D0203
Instructions and Manuals	FPTC407767P0002

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**Dimensions**


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Product Net Width	70 mm
Product Net Depth / Length	108 mm
Product Net Height	110 mm
Product Net Weight	1.16 kg

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**Technical**


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Number of Main Contacts NO	3
Number of Main Contacts NC	0
Number of Auxiliary Contacts NO	0
Number of Auxiliary Contacts NC	0
Rated Operational Current AC-1 ( $I_e$ )	(690 V) 40 °C 100 (690 V) 55 °C 85 (690 V) 70 °C 70
Rated Operational Current AC-3 ( $I_e$ )	(415 V) 55 °C 50 A (440 V) 55 °C 45 A (500 V) 55 °C 45 A (690 V) 55 °C 35 A (1000 V) 55 °C 23 A (380 / 400 V) 55 °C 50 A (220 / 230 / 240 V) 55 °C 53
Rated Operational Power AC-3 ( $P_e$ )	(415 V) 25 kW (440 V) 25 kW (500 V) 30 kW (690 V) 30 kW (380 / 400 V) 22 kW (220 / 230 / 240 V) 15 kW
Maximum Breaking Capacity	cos phi=0.45 (cos phi=0.35 for $I_e > 100$ A) at 440 V 1300 A cos phi=0.45 (cos phi=0.35 for $I_e > 100$ A) at 690 V 630 A
Rated Control Circuit Voltage ( $U_c$ )	50 Hz 110 V 60 Hz 110 ... 120 V
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP10 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10
Terminal Type	Ring-Tongue Terminals

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**Technical UL/CSA**


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General Use Rating UL/CSA	(600 V AC) 80 A
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**Environmental**


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Ambient Air Temperature	Close to Contactor for Storage -60 ... +80 °C
Maximum Operating Altitude Permissible	Without Derating 3000 m
RoHS Status	Following EU Directive 2011/65/EU

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**Certificates and Declarations (Document Number)**


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CB Certificate	CB_FR_701506-A1
CQC Certificate	CQC2018010304129267 CQC2008010309289461
Declaration of Conformity - CCC	2020980304001622 2020980304001226

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Declaration of Conformity - CE	1SBD250810U1000
EAC Certificate	EAC_RU C-FR ME77 B03599
Environmental Information	1SBD250008E1003
Instructions and Manuals	FPTC407767P0002
RoHS Information	1SBD250810U1000

## Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	140 mm
Package Level 1 Depth / Length	146 mm
Package Level 1 Height	96 mm
Package Level 1 Gross Weight	1.16 kg
Package Level 1 EAN	3471522243744
Package Level 2 Units	box 20 piece
Package Level 2 Gross Weight	23.2 kg

## 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

