

PRODUCT-DETAILS

A50-30-11 415-440V50Hz 440-460V60Hz

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Contactors



General Information

Extended Product Type	A50-30-11 415-440V50Hz 440-460V60Hz
Product ID	1SBL351001R8711
EAN	3471522082879
Catalog Description	A50-30-11 415-440V50Hz 440-460V60Hz Contactor

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 and 2 built-in auxiliary contacts, 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	1SBC100122C0202_Ch02
Instructions and Manuals	FPTC407700P0003

Dimensions

Product Net Width	82 mm
Product Net Depth / Length	108 mm
Product Net Height	110 mm
Product Net Weight	1.2 kg

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 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
Rated Operational Power AC-6b (P_e)	(230 / 240 V) 40 °C, 50 / 60 Hz 22 kvar (230 / 240 V) 55 °C, 50 / 60 Hz 22 kvar (230 / 240 V) 70 °C, 50 / 60 Hz 20 kvar (400 / 415 V) 40 °C, 50 / 60 Hz 38 kvar (400 / 415 V) 70 °C, 50 / 60 Hz 34 kvar (400 / 415 V) 55 °C, 50 / 60 Hz 38 kvar (440 V) 40 °C, 50 / 60 Hz 42 kvar (440 V) 55 °C, 50 / 60 Hz 42 kvar (440 V) 70 °C, 50 / 60 Hz 37 kvar (500 / 550 V), 40 °C, 50 / 60 Hz 48 kvar (500 / 550 V) 55 °C, 50 / 60 Hz 48 kvar (500 / 550 V) 70 °C, 50 / 60 Hz 42 kvar (690 V) 40 °C, 50 / 60 Hz 65 kvar (690 V) 55 °C, 50 / 60 Hz 65 kvar (690 V) 70 °C, 50 / 60 Hz 58.5 kvar
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 415 ... 440 V 60 Hz 440 ... 460 V
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 IP10
Terminal Type	Screw Terminals

Technical UL/CSA

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

Ambient Air Temperature	Close to Contactor Fitted with Thermal O/L Relay -25 ... 55 °C Close to Contactor for Storage -60 ... +80 °C
Maximum Operating Altitude Permissible	Without Derating 3000 m
RoHS Status	Following EU Directive 2011/65/EU

Certificates and Declarations (Document Number)

BV Certificate	BV_2634H07559E0
CB Certificate	CB_CN45324
CCC Certificate	CCC_2018010304129267
CQC Certificate	CQC2018010304129267 CQC2008010309289461
Declaration of Conformity - CCC	2020980304001622 2020980304001226
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	1SBD250008E1003
Instructions and Manuals	FPTC407700P0003
LR Certificate	LRS_9830011E4
RINA Certificate	RINA_ELE172319XG001
RoHS Information	1SBD250801U1000
UL Certificate	UL_20120830-E312527-10-1
UL Listing Card	UL_E312527

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	1.2 kg
Package Level 1 EAN	3471522082879
Package Level 2 Units	box 20 piece
Package Level 2 Width	503 mm
Package Level 2 Depth / Length	153 mm
Package Level 2 Height	307 mm
Package Level 2 Gross Weight	24 kg
Package Level 3 Units	160 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

Categories

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

