

PRODUCT-DETAILS

A16-30-01 24V50/60HZ

A16-30-01 24V50/60HZ Contactor



General Information

Extended Product Type	A16-30-01 24V50/60HZ
Product ID	1SBL181001W8101
EAN	3471522049810
Catalog Description	A16-30-01 24V50/60HZ Contactor
Long Description	A16 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	160 piece
Customs Tariff Number	85364900
Replacement Product ID (NEW)	1SBL171001R8101

Popular Downloads

Instructions and Manuals	FPTC407721P0001
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Dimensions

Product Net Width	44 mm
Product Net Depth / Length	74 mm
Product Net Height	74 mm
Product Net Weight	0.32 kg

Technical

Number of Main Contacts NO	3
Number of Main Contacts NC	0
Number of Auxiliary Contacts NO	0
Number of Auxiliary Contacts NC	1
Rated Operational Current AC-1 (I_e)	(690 V) 40 °C 30 (690 V) 55 °C 27 (690 V) 70 °C 23
Rated Operational Current AC-3 (I_e)	(415 V) 55 °C 17 A (440 V) 55 °C 16 A (500 V) 55 °C 14 A (690 V) 55 °C 10 A (380 / 400 V) 55 °C 17 A (220 / 230 / 240 V) 55 °C 17
Rated Operational Power AC-3 (P_e)	(415 V) 9 kW (440 V) 9 kW (500 V) 9 kW (690 V) 9 kW (380 / 400 V) 7.5 kW (220 / 230 / 240 V) 4 kW
Maximum Breaking Capacity	cos phi=0.45 (cos phi=0.35 for $I_e > 100$ A) at 440 V 250 A cos phi=0.45 (cos phi=0.35 for $I_e > 100$ A) at 690 V 90 A
Rated Control Circuit Voltage (U_c)	50 Hz 24 V 60 Hz 24 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 IP20
Terminal Type	Screw Terminals

Technical UL/CSA

General Use Rating UL/CSA	(600 V AC) 30 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)

CB Certificate	CB_CN44759
CCC Certificate	CCC_2018010304059156
CQC Certificate	CQC2013010304615753 CQC2018010304059156 CQC2004010309130463

CSA Certificate	CSA_1041746
Declaration of Conformity - CCC	2020980304001607 2020980304001616 2020980304001229
Declaration of Conformity - CE	1SBD250801U1000
EAC Certificate	EAC_RU C-FR ME77 B03599
Instructions and Manuals	FPTC407721P0001
RINA Certificate	RINA_ELE172319XG001
RoHS Information	1SBD250801U1000

Container Information

Package Level 1 Units	box 160 piece
Package Level 1 Width	78 mm
Package Level 1 Depth / Length	76.5 mm
Package Level 1 Height	46.5 mm
Package Level 1 Gross Weight	51.2 kg
Package Level 1 EAN	3471522049810
Package Level 2 Units	160 piece
Package Level 2 Gross Weight	51.2 kg
Package Level 3 Units	480 piece

Classifications

Object Classification Code	Q
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

