

General Information

Extended Product Type:	A26-30-10 220-230V 50Hz / 230-240V 60Hz
Product ID:	1SBL241001T8010
EAN:	3471522067807
Catalog Description:	A26-30-10 220-230V 50Hz / 230-240V 60Hz Contactor
Long Description:	A26 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.

Categories

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

Ordering

EAN:	3471522067807
Minimum Order Quantity:	10 piece
Customs Tariff Number:	85369085

Dimensions

Product Net Width:	54 mm
Product Net Depth:	93.6 mm
Product Net Height:	90 mm
Product Net Weight:	0.600 kg

Container Information

Package Level 1 Units:	10 piece
Package Level 1 Width:	185 mm
Package Level 1 Length:	302 mm
Package Level 1 Height:	117 mm
Package Level 1 Gross Weight:	6 kg
Package Level 1 EAN:	3471522067807
Package Level 2 Units:	10 piece

Technical

Number of Main Contacts NO:	3
Number of Main Contacts NC:	0
Number of Auxiliary Contacts NO:	1
Number of Auxiliary Contacts NC:	0
Rated Operational Voltage:	Main Circuit 690 V
Rated Frequency (f):	Supply Circuit 50 Hz Supply Circuit 60 Hz
Conventional Free-air Thermal Current (I _{th}):	acc. to IEC 60947-4-1, Open Contactors q = 40 °C 45 A acc. to IEC 60947-5-1, q = 40 °C 16 A
Rated Operational Current AC-1 (I _e):	(690 V) 40 °C 45 A (690 V) 55 °C 40 A (690 V) 70 °C 32 A
Rated Operational Power AC-3 (P _e):	(220 / 230 / 240 V) 6.5 kW (380 / 400 V) 11 kW (415 V) 11 kW (440 V) 15 kW (500 V) 15 kW (690 V) 15 kW
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 _e AC-3
Rated Operational Current AC-15 (I _e):	(220 / 240 V) 4 A (24 / 127 V) 6 A (380 / 440 V) 3 A (500 V) 2 A (690 V) 2 A
Short-Circuit Protective Devices:	Auxiliary Circuit - gG Type Fuses 10 A gG Type Fuses 50 A

Rated Short-time Withstand Current (I_{sw}):	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 210 A at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 45 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 90 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 400 A at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 110 A for 0.1 s 140 A for 1 s 100 A
Maximum Breaking Capacity:	cos phi=0.45 (cos phi=0.35 for Ie > 100 A) at 440 V 420 A cos phi=0.45 (cos phi=0.35 for Ie > 100 A) at 690 V 170 A
Maximum Electrical Switching Frequency:	AC-1 600 cycles per hour AC-2 / AC-4 300 cycles per hour AC-3 1200 cycles per hour
Rated Operational Current DC-13 (I_e):	(125 V) 1.1 / 138 A (24 V) 6 / 144 A (250 V) 0.55 / 138 A (48 V) 2.8 / 134 A (72 V) 2 / 144 A
Rated Insulation Voltage (U_i):	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V acc. to UL/CSA 600 V
Rated Impulse Withstand Voltage (U_{imp}):	8 kV
Maximum Mechanical Switching Frequency:	3600 cycles per hour
Coil Operating Limits:	(acc. to IEC 60947-4-1) 0.85 ... 1.1 x Uc (at θ ≤ 55 °C) °C
Rated Control Circuit Voltage (U_c):	50 Hz 220 ... 230 V 60 Hz 230 ... 240 V
Coil Consumption:	Average Holding Value 50 / 60 Hz 12 V·A Average Holding Value 50 / 60 Hz 3 W Average Pull-in Value 50 Hz 125 V·A Average Pull-in Value 60 Hz 120 V·A
Operate Time:	Between Coil Energization and NO Contact Closing 8 ... 21 ms Between Coil De-energization and NO Contact Opening 4 ... 11 ms
Connecting Capacity-Main Circuit:	Rigid Cable 1.5 ... 6 mm ² Flexible with Cable End 0.75 ... 4 mm ²
Connecting Capacity-Auxiliary Circuit:	Rigid Cable 1 ... 4 mm ² Flexible with Cable End 0.75 ... 2.5 mm ²
Degree of Protection:	acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20
Connecting terminals (delivered in open position) Main poles:	M 4 (+, -) pozidriv 2 screws with cable clamp
Terminal Type:	Screw Terminals

Environmental

Ambient Air Temperature:	Close to Contactor Fitted with Thermal O/L Relay -25 ... +55 °C Close to Contactor for Storage -60 ... +80 °C Close to Contactor without Thermal O/L Relay (0.85 ... 1.1 Uc) -40 ... +55 °C Close to Contactor without Thermal O/L Relay (Uc) -40 ... +70 °C
Climatic Withstand:	acc. to IEC 60068-2-30 and 60068-2-11 - UTE C 63-100 specification II
Maximum Operating Altitude Permissible:	3000 m
Resistance to Shock acc. to IEC 60068-2-27:	Shock Direction: A 20 g Closed, Shock Direction: B1 10 g Open, Shock Direction: B1 5 g Shock Direction: B2 15 g Shock Direction: C1 20 g Shock Direction: C2 20 g
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Certificates and Declarations (Document Number)

BV Certificate:	BV_2634H07559D0
CB Certificate:	CB_FR_602227A
CCC Certificate:	CCC_2013010304615752 CCC_2004010309133982
CSA Certificate:	CSA_1033838_LR056745
cUL Certificate:	UL_071301E39231
Declaration of Conformity - CE:	1SBD250803C3000
DNV Certificate:	DNV_E12025
EAC Certificate:	EAC_RU C-FR ME77 B01010
GL Certificate:	GL_9949897HH
GOST Certificate:	GOST_POCCFRME77B07175
LOVAG Certificate:	LOVAG_FR97043
LR Certificate:	LRS_9830011E4
RINA Certificate:	RINA_ELE128713XG001

RoHS Information:

1SBD350054R1000

UL Certificate:

UL_071301E39231

Classifications

ETIM 5.0:

EC000066 - Magnet contactor, AC-switching

UNSPSC:

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