

# A26-30-10 220-230V 50Hz / 230-240V 60Hz



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

## General Information

<b>Extended Product Type:</b>	A26-30-10 220-230V 50Hz / 230-240V 60Hz
<b>Product ID:</b>	1SBL241001R8010
<b>EAN:</b>	3471522062802
<b>Catalog Description:</b>	A26-30-10 220-230V 50Hz / 230-240V 60Hz Contactor
<b>Long Description:</b>	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.

## Ordering

<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85364900

## Popular Downloads

<b>Data Sheet, Technical Information:</b>	1SBC100122C0202_Ch02
<b>Instructions and Manuals:</b>	FPTC407722P0001

## Dimensions

<b>Product Net Width:</b>	54 mm
<b>Product Net Depth / Length:</b>	93.6 mm
<b>Product Net Height:</b>	90 mm
<b>Product Net Weight:</b>	0.600 kg

## Technical

<b>Number of Main Contacts NO:</b>	3
<b>Number of Main Contacts NC:</b>	0
<b>Number of Auxiliary Contacts NO:</b>	1
<b>Number of Auxiliary Contacts NC:</b>	0
<b>Rated Operational Voltage:</b>	Main Circuit 690 V
<b>Rated Frequency (f):</b>	Supply Circuit 50 Hz Supply Circuit 60 Hz

<b>Conventional Free-air Thermal Current (<math>I_{th}</math>):</b>	acc. to IEC 60947-4-1, Open Contactors $q = 40\text{ °C}$ 45 A acc. to IEC 60947-5-1, $q = 40\text{ °C}$ 16 A
<b>Rated Operational Current AC-1 (<math>I_e</math>):</b>	(690 V) $40\text{ °C}$ 45 A (690 V) $55\text{ °C}$ 40 A (690 V) $70\text{ °C}$ 32 A
<b>Rated Operational Current AC-3 (<math>I_e</math>):</b>	(220 / 230 / 240 V) $55\text{ °C}$ 26 A (380 / 400 V) $55\text{ °C}$ 26 A (415 V) $55\text{ °C}$ 26 A (440 V) $55\text{ °C}$ 26 A (500 V) $55\text{ °C}$ 22 A (690 V) $55\text{ °C}$ 17 A
<b>Rated Operational Power AC-3 (<math>P_e</math>):</b>	(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
<b>Rated Breaking Capacity AC-3 acc. to IEC 60947-4-1:</b>	8 x $I_e$ AC-3
<b>Rated Making Capacity AC-3 acc. to IEC 60947-4-1:</b>	10 x $I_e$ AC-3
<b>Rated Operational Current AC-15 (<math>I_e</math>):</b>	(220 / 240 V) 4 A (24 / 127 V) 6 A (380 / 440 V) 3 A (500 V) 2 A (690 V) 2 A
<b>Short-Circuit Protective Devices:</b>	Auxiliary Circuit - gG Type Fuses 10 A gG Type Fuses 50 A
<b>Maximum Breaking Capacity:</b>	$\cos\phi=0.45$ ( $\cos\phi=0.35$ for $I_e > 100\text{ A}$ ) at 440 V 420 A $\cos\phi=0.45$ ( $\cos\phi=0.35$ for $I_e > 100\text{ A}$ ) at 690 V 170 A
<b>Maximum Electrical Switching Frequency:</b>	AC-1 600 cycles per hour AC-2 / AC-4 300 cycles per hour AC-3 1200 cycles per hour
<b>Rated Operational Current DC-13 (<math>I_e</math>):</b>	(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
<b>Rated Insulation Voltage (<math>U_i</math>):</b>	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V acc. to UL/CSA 600 V
<b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>	8 kV
<b>Maximum Mechanical Switching Frequency:</b>	3600 cycles per hour

<b>Rated Control Circuit Voltage (U<sub>c</sub>):</b>	50 Hz 220 ... 230 V 60 Hz 230 ... 240 V
<b>Coil Consumption:</b>	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
<b>Operate Time:</b>	Between Coil Energization and NO Contact Closing 8 ... 21 ms Between Coil De-energization and NO Contact Opening 4 ... 11 ms
<b>Connecting Capacity Main Circuit:</b>	Flexible with Cable End 0.75 ... 4 mm <sup>2</sup> Rigid Cable 1.5 ... 6 mm <sup>2</sup>
<b>Connecting Capacity Auxiliary Circuit:</b>	Flexible with Cable End 0.75 ... 2.5 mm <sup>2</sup> Rigid Cable 1 ... 4 mm <sup>2</sup>
<b>Degree of Protection:</b>	acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20
<b>Connecting terminals (delivered in open position) Main poles:</b>	M 4 (+,-) pozidriv 2 screws with cable clamp
<b>Terminal Type:</b>	Screw Terminals

## Environmental

<b>Ambient Air Temperature:</b>	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 U <sub>c</sub> ) -40 ... +55 °C Close to Contactor without Thermal O/L Relay (U <sub>c</sub> ) -40 ... +70 °C
<b>Climatic Withstand:</b>	acc. to IEC 60068-2-30 and 60068-2-11 - UTE C 63-100 specification II
<b>Maximum Operating Altitude Permissible:</b>	3000 m
<b>Resistance to Shock acc. to IEC 60068-2-27:</b>	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
<b>RoHS Status:</b>	Following EU Directive 2002/95/EC August 18, 2005 and amendment

## Certificates and Declarations (Document Number)

<b>BV Certificate:</b>	BV_2634H07559D0
<b>CB Certificate:</b>	CB_FR_602227A
<b>CCC Certificate:</b>	CCC_2013010304615752 CCC_2004010309133982
<b>CSA Certificate:</b>	CSA_1033838_LR056745
<b>Declaration of Conformity - CE:</b>	1SBD250801U1000
<b>DNV Certificate:</b>	DNV-GL_TAE00000TX
<b>DNV GL Certificate:</b>	DNV-GL_TAE00000TX
<b>EAC Certificate:</b>	EAC_RU C-FR ME77 B01010

<b>Environmental Information:</b>	1SBD250004E1003
<b>GOST Certificate:</b>	GOST_POCCFRME77B07175
<b>Instructions and Manuals:</b>	FPTC407722P0001
<b>LOVAG Certificate:</b>	LOVAG_FR97043
<b>LR Certificate:</b>	LRS_9830011E4
<b>RINA Certificate:</b>	RINA_ELE128713XG001
<b>RMRS Certificate:</b>	RMRS_0507015250
<b>RoHS Information:</b>	1SBD350054R1000
<b>UL Certificate:</b>	UL_071301E39231

## Container Information

<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	101 mm
<b>Package Level 1 Depth / Length:</b>	115 mm
<b>Package Level 1 Height:</b>	61 mm
<b>Package Level 1 Gross Weight:</b>	0.6 kg
<b>Package Level 1 EAN:</b>	3471522062802
<b>Package Level 2 Units:</b>	24 piece
<b>Package Level 2 Gross Weight:</b>	14.4 kg
<b>Package Level 3 Units:</b>	576 piece

## Classifications

<b>Object Classification Code:</b>	Q
<b>E-number:</b>	3227744
<b>ETIM 4:</b>	EC000066 - Magnet contactor, AC-switching
<b>ETIM 5:</b>	EC000066 - Magnet contactor, AC-switching
<b>ETIM 6:</b>	EC000066 - Power contactor, AC switching
<b>UNSPSC:</b>	39121529

