

A26-40-00 230-240V 50Hz / 240-260V 60Hz

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General Information

Extended Product Type	A26-40-00 230-240V 50Hz / 240-260V 60Hz
Product ID	1SBL241201R8800
EAN	3471522063885
Catalog Description	A26-40-00 230-240V 50Hz / 240-260V 60Hz Contactor
Long Description	A26 4-pole contactors are mainly used for controlling non-inductive or slightly inductive loads (i.e. resistance furnaces...) and generally for controlling power circuits up to 690 V AC and 440 V DC. The contactors can also be used for many other applications such lighting... The A... series 4-pole contactors are of the block type design. - Main poles and auxiliary contact blocks: 4 N.O. 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.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

Data Sheet, Technical Information	1SBC100122C0202_Ch02
Instructions and Manuals	FPTC407722P0001

Dimensions

Product Net Width	54 mm
Product Net Depth / Length	93.6 mm
Product Net Height	90 mm
Product Net Weight	0.61 kg

Technical

Number of Main Contacts NO	4
Number of Main Contacts NC	0
Number of Auxiliary Contacts NO	0
Number of Auxiliary Contacts NC	0
Standards	Devices complying with international standards IEC 947-1 / 947-4-1, and European standards EN 60 947-1 / 60 947-4-1. Electromagnetic compatibility (EMC) acc. to amendment A11 to IEC 947-1; EN 60 947-1 and amendment 2 to IEC 947-4-1
Rated Operational Voltage	Main Circuit 690 V

Conventional Free-air Thermal Current (I_{th})	acc. to IEC 60947-4-1, Open Contactors $q = 40\text{ }^{\circ}\text{C}$ 45 A
Rated Operational Current AC-1 (I_e)	(690 V) $40\text{ }^{\circ}\text{C}$ 45 A (690 V) $55\text{ }^{\circ}\text{C}$ 40 A (690 V) $70\text{ }^{\circ}\text{C}$ 32 A
Rated Operational Current AC-3 (I_e)	(220 / 230 / 240 V) $55\text{ }^{\circ}\text{C}$ 26 A (380 / 400 V) $55\text{ }^{\circ}\text{C}$ 26 A (415 V) $55\text{ }^{\circ}\text{C}$ 26 A (440 V) $55\text{ }^{\circ}\text{C}$ 26 A (500 V) $55\text{ }^{\circ}\text{C}$ 22 A (690 V) $55\text{ }^{\circ}\text{C}$ 17 A
Rated Breaking Capacity AC-3 acc. to IEC 60947-4-1	$8 \times I_e$ AC-3
Rated Making Capacity AC-3 acc. to IEC 60947-4-1	$10 \times I_e$ AC-3
Short-Circuit Protective Devices	gG Type Fuses 50 A
Maximum Breaking Capacity	$\cos \phi=0.45$ ($\cos \phi=0.35$ for $I_e > 100$ A) at 440 V 420 A $\cos \phi=0.45$ ($\cos \phi=0.35$ for $I_e > 100$ 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 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
Mechanical Durability	10 million
Maximum Mechanical Switching Frequency	3600 cycles per hour
Rated Control Circuit Voltage (U_c)	50 Hz 230 ... 240 V 60 Hz 240 ... 260 V
Coil Consumption	Pull-in at Max. Rated Control Circuit Voltage 50 Hz 120 V·A Pull-in at Max. Rated Control Circuit Voltage 60 Hz 140 V·A Holding at Max. Rated Control Circuit Voltage 60 Hz 12 V·A Holding at Max. Rated Control Circuit Voltage 60 Hz 3 W Holding at Max. Rated Control Circuit Voltage 50 Hz 12 V·A Holding at Max. Rated Control Circuit Voltage 50 Hz 3 W 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	Flexible with Cable End 0.75 ... 4 mm ² Rigid Cable 1.5 ... 6 mm ²
Connecting Capacity Auxiliary Circuit	Flexible with Cable End 0.75 ... 2.5 mm ² Rigid Cable 1 ... 4 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	Near Contactor for Operation in Free Air (0.85 ... 1.1 U_c) $-40\text{ }^{\circ}\text{C}$... $+55\text{ }^{\circ}\text{C}$ Near Contactor for Operation in Free Air (U_c) $-40\text{ }^{\circ}\text{C}$... $+70\text{ }^{\circ}\text{C}$ Close to Contactor for Storage $-60\text{ }^{\circ}\text{C}$... $+80\text{ }^{\circ}\text{C}$
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
CCC Certificate	CCC_2013010304615752 CCC_2004010309133982
CSA Certificate	CSA_1033838_LR056745
Declaration of Conformity - CE	1SBD250802U1000
DNV Certificate	DNV-GL_TAE00000TX
DNV GL Certificate	DNV-GL_TAE00000TX
EAC Certificate	EAC_RU C-FR ME77 B01010
Environmental Information	1SBD250004E1003
GOST Certificate	GOST_POCCFRME77B07175
Instructions and Manuals	FPTC407722P0001
LOVAG Certificate	LOVAG_FR97083
LR Certificate	LRS_9830011E4
RINA Certificate	RINA_ELE400503CS1
RMRS Certificate	RMRS_0507015250
RoHS Information	1SBD350054R1000
UL Certificate	UL_071301E39231

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	101 mm
Package Level 1 Depth / Length	115 mm
Package Level 1 Height	61 mm
Package Level 1 Gross Weight	0.61 kg
Package Level 1 EAN	3471522063885
Package Level 2 Units	24 piece
Package Level 2 Gross Weight	14.64 kg
Package Level 3 Units	576 piece

Classifications

Object Classification Code	Q
E-nummer	3228045
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
UNSPSC	39121529

Categories

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

