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# A50-40-00 24V 50Hz / 24V 60Hz Contactor

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Product Id#: 1SBL351201R8100  
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A50 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.

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More about A50-40-00 24V 50Hz / 24V 60Hz Contactor

Technical Specification

MRP (Indian Rupees)	Not for Retail Sale
Number of Main Contacts NO	4
Compatibility	A Contactors
Max Mechanical Switching Frequency	3600 cycles per hour
Max Electrical Switching Frequency	AC-1 600 cycles per hour, AC-2 / AC-4 150 cycles per hour, AC-3 600 cycles per hour
Conventional Free-air Thermal Current (Ith)	acc. to IEC 60947-4-1, Open Contactors q = 40 °C 100 ampere



<b>Coil Consumption</b>	Holding at Max. Rated Control Circuit Voltage 50 Hz 18 5.5 volt - ampere, Holding at Max. Rated Control Circuit Voltage 60 Hz 18 5.5 volt - ampere, Pull-in at Max. Rated Control Circuit Voltage 50 Hz 190 volt - ampere, Pull-in at Max. Rated Control Circuit Voltage 60 Hz 190 volt - ampere
<b>Terminal Type</b>	Screw Terminals
<b>Rated Operational Voltage</b>	Main Circuit 1000 volt
<b>Operate Time</b>	Between Coil De-energization and NO Contact Opening 4 ... 11 millisecond, Between Coil Energization and NO Contact Closing 8 ... 27 millisecond
<b>Rated Control Circuit Voltage (Uc)</b>	50 Hz 24V; 60 Hz 24V
<b>Rated Breaking Capacity AC-3 acc. to IEC 60947-4-1</b>	8 x Ie AC-3
<b>Rated Operational Power AC-3 (Pe)</b>	(220 / 230 / 240 V) 15 KWT, (380 / 400 V) 22 KWT, (415 V) 25 KWT, (440 V) 25 KWT, (500 V) 30 KWT, (690 V) 30 KWT
<b>Rated Operational Current AC-3 (Ie)</b>	(1000 V) 55 °C 23 ampere, (220 / 230 / 240 V) 55 °C 53 ampere, (380 / 400 V) 55 °C 50 ampere, (415 V) 55 °C 50 ampere, (440 V) 55 °C 45 ampere, (500 V) 55 °C 45 ampere, (690 V) 55 °C 35 ampere
<b>Rated Operational Current AC-1 (Ie)</b>	(690 V) 40 °C 100 ampere, (690 V) 55 °C 85 ampere, (690 V) 70 °C 70 ampere
<b>Rated Making Capacity AC-3 acc. to IEC 60947-4-1</b>	10 x Ie AC-3
<b>Rated Frequency Limits</b>	25 ... 400 hertz
<b>Package Width</b>	142 millimetre
<b>Package Length</b>	190 millimetre
<b>Package Height</b>	136 millimetre
<b>Invoice Description</b>	A50-40-00 24V 50Hz / 24V 60Hz Contactor
<b>Product Range</b>	A Contactors
<b>Package Gross Weight</b>	1.39 kilogram
<b>Extended Product Type</b>	A50-40-00 24V 50Hz / 24V 60Hz
<b>Ambient Air Temperature</b>	Close to Contactor for Storage -60 ... +80 degree Celsius, Near Contactor for Operation in Free Air (Uc) -40 ... +70 degree Celsius, Near Contactor for Operation in Free Air (0.85 ... 1.1 Uc) -40 ... +55 degree Celsius
<b>Rated Insulation Voltage (Ui)</b>	acc. to UL/CSA 600 volt, acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 volt
<b>Product Class</b>	Block Contactors
<b>Total GST Percentage</b>	18.00
<b>HSN Number</b>	85364900
<b>Country of origin</b>	France (FR) - Imported by ABB India Limited

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