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Automation & Control

A50-40-00 110V 50Hz / 110-120V 60Hz Contactor

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Upon Request

Product Id#: 1SBL351201R8400

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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 110V 50Hz / 110-120V 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
Coil Consumption	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 180 volt - ampere, Pull-in at Max. Rated Control Circuit Voltage 60 Hz 180 volt - ampere
Terminal Type	Screw Terminals
Rated Operational Voltage	Main Circuit 1000 volt
Operate Time	Between Coil De-energization and NO Contact Opening 4 ... 11 millisecond, Between Coil Energization and NO Contact Closing 8 ... 27 millisecond
Rated Control Circuit Voltage (Uc)	50 Hz 110V; 60 Hz 110-120V
Rated Breaking Capacity AC-3 acc. to IEC 60947-4-1	8 x Ie AC-3
Rated Operational Power AC-3 (Pe)	(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
Rated Operational Current AC-3 (Ie)	(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
Rated Operational Current AC-1 (Ie)	(690 V) 40 °C 100 ampere, (690 V) 55 °C 85 ampere, (690 V) 70 °C 70 ampere
Rated Making Capacity AC-3 acc. to IEC 60947-4-1	10 x Ie AC-3
Rated Frequency Limits	25 ... 400 hertz
Package Width	142 millimetre
Package Length	190 millimetre
Package Height	136 millimetre
Invoice Description	A50-40-00 110V 50Hz / 110-120V 60Hz Contactor
Product Range	A Contactors
Package Gross Weight	1.39 kilogram
Extended Product Type	A50-40-00 110V 50Hz / 110-120V 60Hz
Ambient Air Temperature	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
Rated Insulation Voltage (Ui)	acc. to UL/CSA 600 volt, acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 volt
Product Class	Block Contactors
Total GST Percentage	18.00
HSN Number	85364900
Country of origin	France (FR) - Imported by ABB India Limited






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1800 420 0707 @ contactabb.in@abb.com (Only for India Inquiries) Disha - Plot No.5 & 6, 2nd Stage, Peenya Industrial Area IV, Peenya 560058, Bangalore, Karnataka, India.  Facebook  Twitter  Linkedin  Youtube	About Us Sell With Us Our Sellers Blogs Exchange and Returns Policy	Privacy Policy Terms of Use How to create a Company Account	FAQ

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