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## A45-40-00 110V 50Hz / 110-120V 60Hz Contactor

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A45 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 A45-40-00 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)	(220 / 230 / 240 V) 55 °C 40 ampere, (380 / 400 V) 55 °C 37 ampere, (415 V) 55 °C 37 ampere, (440 V) 55 °C 37 ampere, (500 V) 55 °C 33 ampere, (690 V) 55 °C 25 ampere
Rated Operational Current AC-1 (Ie)	(690 V) 40 °C 70 ampere, (690 V) 55 °C 60 ampere, (690 V) 70 °C 50 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	A45-40-00 110V 50Hz / 110-120V 60Hz Contactor
Product Range	A Contactors
Package Gross Weight	1.39 kilogram
Extended Product Type	A45-40-00 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

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HSN Number	85364900
Country of origin	France (FR) - Imported by ABB India Limited

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