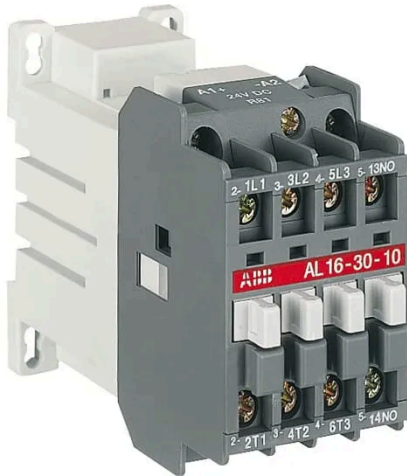


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AL16 contactors are mainly used for controlling 3-phase motors and generally for controlling power circuits up to 690 V AC or 220 V DC. The contactors can also be used for many other applications such as isolation, capacitor switching, lighting. The AL... 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: DC operated with solid core magnet circuit. The polarity on the coil terminals (A1+ and A2-) must be respected - Accessories: a wide range of accessories is available. AL... contactors are fitted with low consumption DC coils and are suitable for a direct control by PLC outputs.

More about AL16-30-01 110V DC Contactor

Technical Specification

MRP (Indian Rupees)	Not for Retail Sale
Compatibility	AL Contactors
Max Mechanical Switching Frequency	3600 cycles per hour
Max Electrical Switching Frequency	AC-1 600 cycles per hour, AC-2 / AC-4 300 cycles per hour
Conventional Free-air Thermal Current (Ith)	acc. to IEC 60947-5-1, q = 40 °C 16 ampere acc. to IEC 60947-5-1, q = 40 °C 30 ampere
Coil Consumption	Average Holding Value, from Warm State 3 watt from Cold State 3 watt
Terminal Type	Screw Terminals
Rated Operational Voltage	Auxiliary Circuit 690 volt, Main Circuit 690 volt
Operate Time	Between Coil De-energization and NO Contact closure 70 millisecond, Between Coil Energization and NO Contact closure 70 millisecond, Between Coil Energization and NC Contact closure 70 millisecond, Between Coil De-energization and NC Contact closure 70 millisecond, ... 100 millisecond
Rated Control Circuit Voltage (Uc)	DC Operation 110V
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) 4 KWT, (380 / 400 V) 7.5 KWT, (500 V) 9 KWT, (690 V) 9 KWT

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Rated Operational Current DC-13 (Ie)	(125 V) 1.1 / 138 ampere, (24 V) 6 / 144 ampere, (48 V) 2.8 / 134 ampere, (72 V) 2 / 144
Rated Operational Current AC-3 (Ie)	(220 / 230 / 240 V) 55 °C 17 ampere, (380 / 40 (415 V) 55 °C 17 ampere, (440 V) 55 °C 16 ampere, (690 V) 55 °C 10 ampere
Rated Operational Current AC-15 (Ie)	(220 / 240 V) 4 ampere, (24 / 127 V) 6 ampere, (500 V) 2 ampere, (690 V) 2 ampere
Rated Operational Current AC-1 (Ie)	(690 V) 40 °C 30 ampere, (690 V) 55 °C 27 ampere
Rated Making Capacity AC-3 acc. to IEC 60947-4-1	10 x Ie AC-3
Rated Frequency Limits	25 ... 400 hertz
Rated Frequency (f)	Supply Circuit 50 60 hertz
Package Width	86 millimetre
Package Length	141 millimetre
Package Height	51 millimetre
Invoice Description	AL16-30-01 110V DC Contactor
Product Range	AL Contactors
Package Gross Weight	0.52 kilogram
Extended Product Type	AL16-30-01 110V DC
Number of Aux Contacts NC	1
Ambient Air Temperature	Close to Contactor for Storage -60 ... +80 deg Contactor without Thermal O/L Relay (0.85 ... Celsius, Close to Contactor Fitted with Therm degree Celsius, Close to Contactor without T
Rated Insulation Voltage (Ui)	acc. to UL/CSA 600 volt, acc. to IEC 60947-4-1 1000 volt
Product Class	Block Contactors
Total GST Percentage	18.00
HSN Number	85364900

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