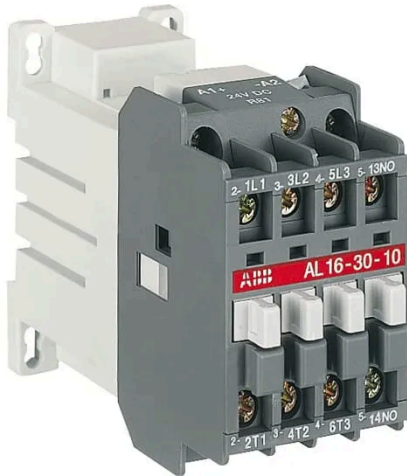


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AL12 contactors are mainly used for controlling 3-phase motors and generally for controlling power circuits up to 690 V AC or 220 V DC. The contactors can also be used for many other applications such as isolation, capacitor switching, lighting. The 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 AL12-30-01 24V 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 28 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 100 millisecond
Rated Control Circuit Voltage (Uc)	DC Operation 24V
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) 3 KWT, (380 / 400 V) 5.5 KWT, (500 V) 7.5 KWT, (690 V) 7.5 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 12 ampere, (380 / 40 (415 V) 55 °C 12 ampere, (440 V) 55 °C 12 ampere, (690 V) 55 °C 9 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 27 ampere, (690 V) 55 °C 25 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	AL12-30-01 24V DC Contactor
Product Range	AL Contactors
Package Gross Weight	0.52 kilogram
Extended Product Type	AL12-30-01 24V 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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