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AL30 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 AL30-30-10 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 Contactors q = 40 °C 65 ampere |
| Coil Consumption | Average Holding Value, from Warm State 3.5 w Value, from Cold State 3.5 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 millisecond, Between Coil Energization and NO 110 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 |

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|---|---|
| Rated Operational Power AC-3 (Pe) | (220 / 230 / 240 V) 9 KWT, (380 / 400 V) 15 KV V) 18.5 KWT, (500 V) 18.5 KWT, (690 V) 15 KWT |
| Rated Operational Current DC-13 (Ie) | (125 V) 1.1 / 138 ampere, (24 V) 6 / 144 ampere ampere, (48 V) 2.8 / 134 ampere, (72 V) 2 / 144 |
| Rated Operational Current AC-3 (Ie) | (220 / 230 / 240 V) 55 °C 33 ampere, (380 / 40 (415 V) 55 °C 32 ampere, (440 V) 55 °C 32 amp ampere, (690 V) 55 °C 18 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 55 ampere, (690 V) 55 °C 55 amp 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 |
| Number of Aux Contacts NO | 1 |
| Package Width | 100 millimetre |
| Package Length | 134 millimetre |
| Package Height | 62 millimetre |
| Invoice Description | AL30-30-10 24V DC Contactor |
| Product Range | AL Contactors |
| Package Gross Weight | 0.85 kilogram |
| Extended Product Type | AL30-30-10 24V DC |
| 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 |


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|-----------------------------|---|
| Total GST Percentage | 18.00 |
| HSN Number | 85364900 |
| Country of origin | Bulgaria (BG) - Imported by ABB India Limited |

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