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AL40-30-01 220V DC Contactor

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Product Id#: 1SBL323001R8801

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AL40 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.

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More about AL40-30-01 220V DC Contactor

Technical Specification

| | |
|------------------------------------|----------------------|
| MRP (Indian Rupees) | Not for Retail Sale |
| Number of Main Contacts NO | 3 |
| Compatibility | AL Contactors |
| Max Mechanical Switching Frequency | 3600 cycles per hour |

| | |
|----------------------------------------------------|---------------------------------------------------------------------------------------|
| Max Electrical Switching Frequency | (AC-1) 600 cycles per hour |
| Horsepower Rating UL/CSA | (200 ... 208 V AC) Three Phase 10 hp |
| Conventional Free-air Thermal Current (Ith) | acc. to IEC 60947-4-1, Open Contactors $\Theta = 40^{\circ}\text{C}$ 65 ampere |
| Coil Consumption | Average Holding Value, from Warm State 3.5 watt |
| Terminal Type | Screw Terminals |
| Operate Time | Between Coil De-energization and NC Contact Closing 18 ... 28 millisecond |
| Rated Operational Power AC-3 (Pe) | (415 V) 18.5 kilowatt |
| Rated Operational Current DC-13 (Ie) | (24 V) 6 / 144 ampere |
| Rated Operational Current AC-3 (Ie) | (415 V) 55 $^{\circ}\text{C}$ 37 ampere |
| Rated Operational Current AC-15 (Ie) | (500 V) 2 ampere |
| Rated Operational Current AC-1 (Ie) | (690 V) 40 $^{\circ}\text{C}$ 60 ampere |
| Rated Frequency Limits | 25 ... 400 hertz |
| Rated Frequency (f) | Auxiliary Circuit 50 / 60 hertz |
| Rated Short-time Withstand Current (Icw) | at 40 $^{\circ}\text{C}$ Ambient Temp, in Free Air, from a Cold State 10 s 400 ampere |
| Package Width | 100 millimetre |
| Package Length | 134 millimetre |
| Package Height | 62 millimetre |
| Invoice Description | AL40-30-01 220V DC Contactor |
| Product Range | AL Contactors |
| Package Gross Weight | 0.85 kilogram |
| Extended Product Type | AL40-30-01 220V DC |
| Number of Aux Contacts NC | 1 |
| General Use Rating UL/CSA | (600 V AC) 60 ampere |
| Ambient Air Temperature | Close to Contactor Fitted with Thermal O/L Relay -25 ... 55 degree Celsius |
| Rated Insulation Voltage (Ui) | acc. to IEC 60947-4-1 1000 volt |
| Product Class | Block Contactors |
| Number Of Poles | 3 |
| Total GST Percentage | 18.00 |
| HSN Number | 85364900 |

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