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A30-30-01 220-230V 50Hz / 230-240V 60Hz Contactor

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A30 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 A... 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: AC operated with laminated magnet circuit - Accessories: a wide range of accessories is available.

More about A30-30-01 220-230V 50Hz / 230-240V 60Hz Contactor

Technical Specification

MRP (Indian Rupees)

Not for Retail Sale

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| | |
|---|---|
| Number of Main Contacts NO | 3 |
| Compatibility | A Contactors |
| Max Mechanical Switching Frequency | 3600 cycles per hour |
| Max Electrical Switching Frequency | AC-1 600 cycles per hour, AC-2 / AC-4 300 cycles per hour, AC-3 1200 cycles per hour |
| Conventional Free-air Thermal Current (Ith) | acc. to IEC 60947-5-1, q = 40 °C 16 ampere, acc. to IEC 60947-4-1, Open Contactors q = 40 °C 65 ampere |
| Coil Consumption | Average Holding Value 50 / 60 Hz 12.3 volt - ampere, Average Pull-in Value 50 Hz 125 volt - ampere, Average Pull-in Value 60 Hz 120 volt - ampere |
| Terminal Type | Screw Terminals |
| Rated Operational Voltage | Main Circuit 690 volt |
| Operate Time | Between Coil De-energization and NC Contact Closing 7 ... 14 millisecond, Between Coil De-energization and NO Contact Opening 4 ... 11 millisecond, Between Coil Energization and NC Contact Opening 6 ... 18 millisecond, Between Coil Energization and NO Con |
| Rated Control Circuit Voltage (Uc) | 50 Hz 220-230V; 60 Hz 230-240V |
| Rated Breaking Capacity AC-3 acc. to IEC 60947-4-1 | 8 x Ie AC-3 |
| Rated Operational Power AC-6b (Pe) | (230 / 240 V) 40 °C, 50 / 60 Hz 13 KVR, (230 / 240 V) 55 °C, 50 / 60 Hz 13 KVR, (230 / 240 V) 70 °C, 50 / 60 Hz 11 KVR, (400 / 415 V) 40 °C, 50 / 60 Hz 22 KVR, (400 / 415 V) 70 °C, 50 / 60 Hz 18.5 KVR, (400 / 415 V) 55 °C, 50 / 60 Hz 22 KVR, (440 V) 40 °C |
| Rated Operational Power AC-3 (Pe) | (220 / 230 / 240 V) 9 KWT, (380 / 400 V) 15 KWT, (415 V) 15 KWT, (440 V) 18.5 KWT, (500 V) 18.5 KWT, (690 V) 18.5 KWT |
| Rated Operational Current DC-13 (Ie) | (125 V) 1.1 / 138 ampere, (24 V) 6 / 144 ampere, (250 V) 0.55 / 138 ampere, (48 V) 2.8 / 134 ampere, (72 V) 2 / 144 ampere |
| Rated Operational Current AC-3 (Ie) | (220 / 230 / 240 V) 55 °C 33 ampere, (380 / 400 V) 55 °C 32 ampere, (415 V) 55 °C 32 ampere, (440 V) 55 °C 32 ampere, (500 V) 55 °C 28 ampere, (690 V) 55 °C 21 ampere |
| Rated Operational Current AC-15 (Ie) | (220 / 240 V) 4 ampere, (24 / 127 V) 6 ampere, (380 / 440 V) 3 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 ampere, (690 V) 70 °C 39 ampere |
| Rated Making Capacity AC-3 acc. to IEC 60947-4-1 | 10 x Ie AC-3 |
| Rated Breaking Capacity acc. to IEC 60947-5-1 | 10 x Ie AC-15 |
| Rated Frequency Limits | 25 ... 400 hertz |
| Rated Frequency (f) | Supply Circuit 50 60 hertz |
| Package Width | 101 millimetre |
| Package Length | 115 millimetre |
| Package Height | 61 millimetre |
| Invoice Description | A30-30-01 220-230V 50Hz / 230-240V 60Hz Contactor |
| Product Range | A Contactors |

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| | |
|-------------------------------|---|
| Package Gross Weight | 0.71 kilogram |
| Extended Product Type | A30-30-01 220-230V 50Hz / 230-240V 60Hz |
| Number of Aux Contacts NC | 1 |
| Ambient Air Temperature | Close to Contactor for Storage -60 ... +80 degree Celsius, Close to Contactor without Thermal O/L Relay (0.85 ... 1.1 Uc) -40 ... +55 degree Celsius, Close to Contactor Fitted with Thermal O/L Relay -25 ... +55 degree Celsius, Close to Contactor without T |
| 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 |
| HSN Number | 85364900 |
| Country of origin | Bulgaria (BG) - Imported by ABB India Limited |

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