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NL31E 48V DC Contactor Relay

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Product Id#: 1SBH143001R8331

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NL... contactor relays are used for switching auxiliary circuits and control circuits - Poles: 4-pole contactor relays (mechanically linked contact elements available) - 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 NL... contactors are fitted with low consumption DC coils and are suitable for a direct control by PLC outputs.

More about NL31E 48V DC Contactor Relay

Technical Specification

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MRP (Indian Rupees)	Not for Retail Sale
Compatibility	Auxiliary Contactors
Max Mechanical Switching Frequency	6000 cycles per hour
Max Electrical Switching Frequency	1200 cycles per hour
Conventional Free-air Thermal Current (Ith)	acc. to IEC 60947-5-1, q = 40 °C 16 ampere
Coil Consumption	Average Holding Value, from Warm State 3 watt, Average Pull-in Value, 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 NC Contact Closing 16 ... 27 millisecond, Between Coil De-energization and NO Contact Opening 10 ... 17 millisecond, Between Coil Energization and NC Contact Opening 20 ... 70 millisecond, Between Coil Energization and NO
Rated Control Circuit Voltage (Uc)	DC Operation 48V
Rated Operational Current DC-13 (Ie)	(125 V) 0.55 / 69 ampere, (24 V) 6 / 144 ampere, (250 V) 0.3 / 75 ampere, (48 V) 2.8 / 134 ampere, (72 V) 1 / 72 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 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
Number of Aux Contacts NO	3
Package Width	86 millimetre
Package Length	141 millimetre
Package Height	51 millimetre
Invoice Description	NL31E 48V DC Contactor Relay
Product Range	Auxiliary Contactors
Package Gross Weight	0.52 kilogram
Extended Product Type	NL31E 48V DC
Number of Aux Contacts NC	1
Ambient Air Temperature	Close to Contactor for Storage -60 ... +80 degree Celsius, Near Contactor for Operation in Free Air (Uc) -40 ... +70 degree Celsius, Near Contactor for Operation in Free Air (0.85 ... 1.1 Uc) -40 ... +55 degree Celsius
Rated Insulation Voltage (Ui)	acc. to UL/CSA 600 volt, acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 690 volt

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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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