

PRODUCT-DETAILS

# NL51/11 24V DC

## NL51/11 24V DC Contactor Relay



### General Information

Extended Product Type	NL51/11 24V DC
Product ID	1SBH143001R8159
EAN	3471522371812
Catalog Description	NL51/11 24V DC Contactor Relay
Long Description	NL... contactor relays are used for switching auxiliary circuits and control circuits - Poles: 8-pole contactor relays (mechanically linked contact elements available) The width of 8-pole devices is identical to that of 4-pole devices only the depth is increased - 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.

### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

### Popular Downloads

Data Sheet, Technical Information	1SBC100122C0202_Ch03
Instructions and Manuals	1SBC101003M5501

## Dimensions

Product Net Width	44 mm
Product Net Depth / Length	130 mm
Product Net Height	78 mm
Product Net Weight	0.58 kg

## Technical

Number of Auxiliary Contacts NO	6
Number of Auxiliary Contacts NC	2
Rated Operational Voltage	Auxiliary Circuit 690 V
Rated Frequency (f)	Auxiliary Circuit 50 / 60 Hz
Rated Operational Current AC-15 (I <sub>e</sub> )	(500 V) 2 A (690 V) 2 A (24 / 127 V) 6 A (220 / 240 V) 4 A (380 / 400 V) 3 A
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 0.1 s 140 A for 1 s 100 A
Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC 60947-5-1 690 V acc. to UL/CSA 600 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Control Circuit Voltage (U <sub>c</sub> )	DC Operation 24 V
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Mounting by Screws (not supplied)	2 x M4 screws placed diagonally
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20
Terminal Type	Screw Terminals

## Environmental

Ambient Air Temperature	Close to Contactor for Storage -60 ... +80 °C Near Contactor for Operation in Free Air (0.85 ... 1.1 U <sub>c</sub> ) -40 ... +55 °C Near Contactor for Operation in Free Air (U <sub>c</sub> ) -40 ... 70 °C
Maximum Operating Altitude Permissible	Without Derating 3000 m
RoHS Status	Following EU Directive 2011/65/EU

## Certificates and Declarations (Document Number)

CQC Certificate	CQC2012010304558126
Declaration of Conformity - CCC	2020980303000256
Declaration of Conformity - CE	1SBD250808U1000
Declaration of Conformity - UKCA	1SBD250825U1000
Environmental Information	1SBD250127E1002

GOST Certificate	GOST_POCCFRME77B07174
Instructions and Manuals	1SBC101003M5501
REACH Declaration	2CMT2021-006202
RoHS Information	2CMT2021-006277

## Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	86 mm
Package Level 1 Depth / Length	141 mm
Package Level 1 Height	51 mm
Package Level 1 Gross Weight	0.58 kg
Package Level 1 EAN	3471522371812
Package Level 2 Units	28 piece
Package Level 2 Gross Weight	16.24 kg

## Classifications

Object Classification Code	K
ETIM 4	EC000196 - Contactor relay
ETIM 5	EC000196 - Contactor relay
ETIM 6	EC000196 - Contactor relay
ETIM 7	EC000196 - Contactor relay
ETIM 8	EC002552 - Power contactor, DC switching
eClass	V11.0 : 27371018
UNSPSC	39121500

## Categories

Low Voltage Products and Systems → Control Products → Contactors → Block Contactors

