

NFZ31E-21



General Information

Extended Product Type:	NFZ31E-21
Product ID:	1SBH136001R2131
EAN:	3471523101814
Catalog Description:	NFZ31E-21 24-60V50/60HZ 20-60VDC Contactor Relay
Long Description:	NFZ contactor relays are used for switching auxiliary and control circuits. NFZ contactor relays include an electronic coil interface accepting a wide control voltage U_c min. ... U_c max. Only four coils cover control voltages between 24...250 V 50/60 Hz or 12...250 V DC. NFZ contactor relays can manage large control voltage variations. One coil can be used for different control voltages used worldwide without any coil change NFZ contactor relays allow direct control by PLC-output ≥ 24 V DC 500 mA and obtain a reduced holding coil consumption. NFZ contactor relays withstand short voltage dips and voltage sags (SEMI F47-0706 compliance) between 24...250 V 50/60 Hz NFZ contactor relays have built-in surge protection and do not require additional surge suppressors - Poles: 4-pole contactor relays (mechanically-linked auxiliary contacts compliant with Annex L of IEC 60947-5-1 and including the "Mechanically Linked" symbol on the contactor relay side) - Control Circuit: AC or DC operated - Accessories: a wide range of Accessories is available.

Categories

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

Ordering

EAN:	3471523101814
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85369085

Dimensions

Product Net Width:	45.0 mm
Product Net Depth:	77.0 mm
Product Net Height:	86.0 mm
Product Net Weight:	0.310 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	87 mm
Package Level 1 Length:	79 mm
Package Level 1 Height:	47 mm
Package Level 1 Gross Weight:	0.31000 kg
Package Level 1 EAN:	3471523101814
Package Level 2 Units:	54 piece
Package Level 3 Units:	1296 piece

Environmental

Ambient Air Temperature:	Close to Contactor for Storage -60...+80 °C Near Contactor for Operation in Free Air -40 ... +70 °C
Maximum Operating Altitude Permissible:	3000 m
Resistance to Shock acc. to IEC 60068-2-27:	Closed, Shock Direction: B1 25 g Open, Shock Direction: B1 5 g Shock Direction: A 30 g Shock Direction: B2 15 g Shock Direction: C1 25 g Shock Direction: C2 25 g 5...300 Hz 4 g closed position / 2 g open position

Resistance to Vibrations acc. to IEC

60068-2-6:

RoHS Status:

Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2008 Q1

Technical

Number of Auxiliary Contacts NO:	3
Number of Auxiliary Contacts NC:	1
Rated Control Circuit Voltage (U _c):	50 Hz 24...60 V 60 Hz 24...60 V DC Operation 20...60 V
Terminal Type:	Screw Terminals

Technical UL/CSA

Tightening Torque UL/CSA:	Auxiliary Circuit 11 in·lb Control Circuit 11 in·lb
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Certificates and Declarations (Document Number)

CB Certificate:	CB_SE_70920A1M2
CCC Certificate:	CCC_2011010303465426
cUL Certificate:	UL_20091127-E252354-2-1
Declaration of Conformity - CE:	1SBD250166C2000
DNV Certificate:	DNV_E11683
EAC Certificate:	EAC_RU C-FR ME77 B01006
GL Certificate:	GL_3786612HH
GOST Certificate:	GOST_POCCFR.ME77.B07174.pdf
LR Certificate:	LRS_C1400038
RINA Certificate:	RINA_ELE084013XG
RMRS Certificate:	RMRS_1300132124
RoHS Information:	1SBD251014E1000

Classifications

E-number:	3211450
UNSPSC:	39121500

