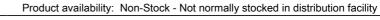
Product data sheet Characteristics

RXM2AB2FD Miniature Plug-in relay - Zelio RXM 2 C/O 110 V DC 12 A with LED







Main	
Range of product	Zelio Relay
Series name	Miniature
Product or component type	Plug-in relay
Device short name	RXM
Contacts type and composition	2 C/O
[Uc] control circuit volt- age	110 V DC
[Ithe] conventional en- closed thermal current	12 A at -40131 °F (-4055 °C)
Status LED	With
Control type	Lockable test button
Utilisation coefficient	20 %

Complementary

completine in g	
Shape of pin	Flat
[Ui] rated insulation voltage	250 V conforming to IEC
	300 V conforming to UL
	300 V conforming to CSA
[Uimp] rated impulse withstand voltage	4 kV 1.2/50 μs
Contacts material	AgNi
[le] rated operational current	12 A at 28 V DC (NO) conforming to IEC
	12 A at 250 V AC (NO) conforming to IEC
	6 A at 28 V DC (NC) conforming to IEC
	6 A at 250 V AC (NC) conforming to IEC 12 A at 28 V DC conforming to UL
	12 A at 277 V AC conforming to UL
Maximum switching voltage	250 V conforming to IEC
Resistive rated load	12 A at 250 V AC
	12 A at 28 V DC
Maximum switching capacity	3000 VA/336 W
Minimum switching capacity	170 mW at 10 mA, 17 V
Operating rate	<= 18000 cycles/hour no-load
	<= 1200 cycles/hour under load
Mechanical durability	1000000 cycles
Electrical durability	100000 cycles resistive load
Average coil consumption in W	0.9 W
Drop-out voltage threshold	>= 0.1 Uc
Operate time	20 ms
Release time	20 ms
Average coil resistance	13440 Ohm at 20 °C +/- 10 %
Rated operational voltage limits	88121 V DC
Safety reliability data	B10d = 100000
Protection category	RTI
Test levels	Level A group mounting
Operating position	Any position
CAD overall height	82.8 mm
CAD overall depth	80.35 mm



Product weight	0.21 lb(US) (0.096 kg)
Device presentation	Complete product
Environment	
Dielectric strength	1300 V AC between contacts with micro disconnection insulation 2000 V AC between coil and contact with reinforced insulation 2000 V AC between poles with basic insulation
Product certifications	CE CSA GOST

	GOST
	RoHS
	UL
	REACH
	Lloyd's
Standards	EN/IEC 61810-1
	UL 508
	CSA C22.2 No 14
Ambient air temperature for storage	-40185 °F (-4085 °C)
Ambient air temperature for operation	-40131 °F (-4055 °C)
Vibration resistance	3 gn (f = 10150 Hz), amplitude +/- 1 mm (on 5 cycles in operation)
	5 gn (f = 10150 Hz), amplitude +/- 1 mm (on 5 cycles not operating)
IP degree of protection	IP40 conforming to EN/IEC 60529
Shock resistance	10 gn in operation
	30 gn not operating
Pollution degree	3

Ordering and shipping details

Category	21127 - ZELIO ICE CUBE RELAYS
Discount Schedule	CP2
GTIN	00785901548034
Nbr. of units in pkg.	10
Package weight(Lbs)	8.0000000000002E-2
Returnability	N
Country of origin	CN

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0801 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations
California proposition 65	WARNING: This product can expose you to chemicals including:
Substance 1	Nickel compounds, which is known to the State of California to cause cancer, and
Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

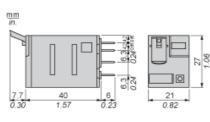
Warranty period

18 months

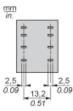
Product data sheet Dimensions Drawings

RXM2AB2FD

Dimensions

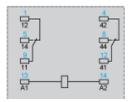


Pin Side View



RXM2AB2FD

Wiring Diagram



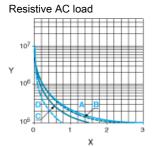
Symbols shown in blue correspond to Nema marking.

Product data sheet **Performance Curves**

RXM2AB2FD

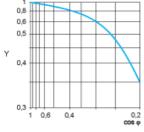
Electrical Durability of Contacts

Durability (inductive load) = durability (resistive load) x reduction coefficient.



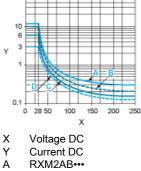
- Switching capacity (kVA)
- X Y Durability (Number of operating cycles)
- A RXM2AB.
- В RXM3AB•••
- С RXM4AB•••
- D RXM4GB•••

Reduction coefficient for inductive AC load (depending on power factor $\cos \phi$)



Reduction coefficient (A) Y

Maximum switching capacity on resistive DC load



- В RXM3AB•••
- С RXM4AB•••
- D RXM4GB•••

Note : These are typical curves, actual durability depends on load, environment, duty cycle, etc.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Industrial Relays category:

Click to view products by Schneider manufacturer:

Other Similar products are found below :

6-1617801-8 6-1618107-9 7-1618273-3 EV250-4A-02 EV250-6A-01 FCA-125-CX8 FCA-325-159 FCA-410-138 8000-S3121 8-1618273-6 8-1618393-1 GCA63A220VAC60HZ GCA63A277VAC60HZ GCA63A600VAC60HZ 1-1672275-3 1-1833005-4 H-16/S1 A711Z H-8C H-8/S11 H-8/S68 ACC530U20 ACC730U30 RF303ZM4-12 DH18DA 1423675-8 AR4-15F13-C01 AR7-41F11 AVR907 15732A200 B07B032AC1-0329 B329 B490A 1618279-1 BHR124Y 1810DDB-SX N417 P30C42A12D1-120 2-1617748-6 2-1618375-1 2-1618396-6 2-1618398-1 JMAPD-5XL JMGACD-5M JMGSC-5LW JMGSCD-5L PBO-18A1218 PBO-40A3040 K8DSPH1200480VAC KA-3C-12A