

Product Datasheet

Characteristic

RXM4AB1P7

Miniature Plug-in relay - Zelio RXM 4 C/
O 230 V AC 6 A



Main

range of product	Zelio Relay
series name	Miniature
product or component type	plug-in relay
device short name	RXM
contacts type and composition	4 C/O
[Uc] control circuit voltage	230 V AC, 50/60 Hz
[Ithe] conventional enclosed thermal current	6 A at -40...131 °F (-40...55 °C)
status LED	without
control type	lockable test button
utilisation coefficient	20 %

Complementary

shape of pin	flat
[Ui] rated insulation voltage	250 V conforming to IEC 300 V conforming to CSA 300 V conforming to UL
[Uimp] rated impulse withstand voltage	2.5 kV for 1.2/50 µs
contacts material	AgNi
[Ie] rated operational current	3 A at 28 V DC (NC) conforming to IEC 3 A at 250 V AC (NC) conforming to IEC 6 A at 28 V DC (NO) conforming to IEC 6 A at 250 V AC (NO) conforming to IEC 6 A at 277 V AC conforming to UL 8 A at 30 V DC conforming to UL
maximum switching voltage	250 V conforming to IEC
load current	6 A at 250 V AC 6 A at 28 V DC
maximum switching capacity	1500 VA/168 W
minimum switching capacity	170 mW at 10 mA, 17 V
operating rate	<= 1200 cycles/hour under load <= 18000 cycles/hour no-load
mechanical durability	10000000 cycles
electrical durability	100000 cycles resistive load

average coil consumption in VA	1.2 at 60 Hz
average consumption	1.2 VA 60 Hz
drop-out voltage threshold	>= 0.15 Uc
operating time	20 ms
reset time	20 ms
average resistance	15000 Ohm at 20 °C +/- 15 %
rated operational voltage limits	184...253 V AC
safety reliability data	B10d = 100000
protection category	RT I
operating position	any position
product weight	0.08 lb(US) (0.037 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 RoHS UL REACH Lloyd's
standards	EN/IEC 61810-1 UL 508 CSA C22.2 No 14
ambient air temperature for storage	-40...185 °F (-40...85 °C)
ambient air temperature for operation	-40...131 °F (-40...55 °C)
vibration resistance	3 gn (f = 10...150 Hz), amplitude +/- 1 mm (on 5 cycles in operation) 5 gn (f = 10...150 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	2

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