## RPM11BD

power relay plug-in - Zelio RPM - 1 CO - 24V DC



## Main

Range of product	Zelio Relay
Series name	Power
Status LED	Without
Control type	Pushbutton
Control circuit voltage	24 V DC
Contacts type and composition	1 C/O
Coil interference sup- pression	Without
[Ithe] conventional en- closed thermal current	15 A ≤ 55 °C
Load current	15 A 250 V AC 15 A 28 V DC
Utilisation coefficient	20 %

Complementary	
Contacts operation	Standard
[Ui] rated insulation voltage	250 V IEC 250 V EN/IEC 60947 300 V EN/IEC 60947 300 V UL 300 V CSA
[Uimp] rated impulse withstand voltage	4 kV IEC 61000-4-5
Contacts material	Silver alloy (Ag/Ni)
[le] rated operational current	7,5 A NC AC-1 IEC 7,5 A NC DC-1 IEC 15 A NO AC-1 IEC 15 A NO DC-1 IEC 15 A AC-1 UL 15 A DC-1 UL
Minimum switching current	10 mA
Maximum switching voltage	250 V AC IEC 250 V DC IEC
Minimum switching voltage	17 V
Maximum switching capacity	420 W DC 3750 VA AC
Minimum switching capacity	170 mW
Operating rate	≤ 20 cyc/mn under load ≤ 300 cyc/mn no-load
Mechanical durability	10000000 cycles
Electrical durability	100000 cycles resistive
Average consumption in W	0,7 W DC
Average consumption in VA	0,9 AC
Drop-out voltage threshold	>= 0.15 Uc AC >= 0.1 Uc DC
Operating time	20 ms between coil energisation and making of the On-delay contact AC 20 ms between coil energisation and making of the On-delay contact DC 20 ms between coil de-energisation and making of the Off-delay contact AC 20 ms between coil de-energisation and making of the Off-delay contact DC
Average resistance	750 Ohm DC 20 °C +/- 10 %
Rated operational voltage limits	19.226.4 V DC
Protection category	RTI
Operating position	Any position
Product weight	0,026 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not interested for a set of or determining suitability or intelability of these products for specific user applications. It is the documentation is not integrator to perform the appropriate and complete risk analysis, evaluating of the products with respect to the relevant specific application or use thereof. Neither Schmeider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

Dielectric strength	1500 V AC between contacts 1550 V AC between coil and contact 1550 V AC between poles	
Standards	CSA C22-2 No 14 EN/IEC 61810-1 (iss. 2) UL 508	
Product certifications	CSA UL	
Ambient air temperature for storage	-4085 °C	
Ambient air temperature for operation	-4055 °C	
Vibration resistance	3 gn +/- 1 mm 10150 Hz opening EN/IEC 60068-2-27 5 gn +/- 1 mm 10150 Hz closing EN/IEC 60068-2-27	
IP degree of protection	IP40 EN/IEC 60529	
Shock resistance	15 gn on closing EN/IEC 60068-2-27 15 gn on opening EN/IEC 60068-2-27	
RoHS EUR conformity date	0801	
RoHS EUR status	Compliant	

