

# RPM23P7

power plug-in relay - Zelio RPM - 2 C/O - 230 V  
AC - 15 A - with LED

Product availability: Non-Stock - Not normally stocked in distribution facility



## Main

Range of product	Zelio Relay
Series name	Power
Product or component type	Plug-in relay
Device short name	RPM
Contacts type and composition	2 C/O
[Uc] control circuit voltage	230 V AC
[Ithe] conventional enclosed thermal current	15 A at -40...131 °F (-40...55 °C)
Status LED	With
Control type	Without lockable test button
Utilisation coefficient	20 %

## Complementary

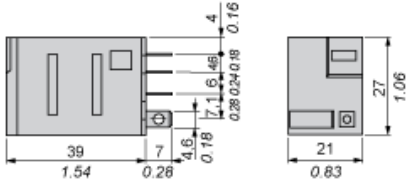
Shape of pin	Flat
[Ui] rated insulation voltage	250 V conforming to IEC 300 V conforming to UL 300 V conforming to CSA
[Uimp] rated impulse withstand voltage	4 kV 1.2/50 µs
Contacts material	AgNi
[Ie] rated operational current	15 A at 277 V AC conforming to UL 7.5 A at 28 V DC (NC) conforming to IEC 15 A at 250 V AC (NO) conforming to IEC 7.5 A at 250 V AC (NC) conforming to IEC 15 A at 28 V DC (NO) conforming to IEC 15 A at 28 V DC conforming to UL
Maximum switching voltage	250 V conforming to IEC
Resistive load current	15 A at 250 V AC 15 A at 28 V DC
Maximum switching capacity	3750 VA 420 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	10000000 cycles
Electrical durability	100000 cycles resistive load
Average coil consumption in VA	1.1 at 60 Hz
Drop-out voltage threshold	>= 0.15 U <sub>c</sub> AC
Operate time	20 ms at nominal voltage
Release time	20 ms at nominal voltage
Rated operational voltage limits	184...253 V AC
Protection category	RT I
Test levels	Level A group mounting
Operating position	Any position
Safety reliability data	B10d = 100000
Product weight	0.08 lb(US) (0.036 kg)
Device presentation	Complete product

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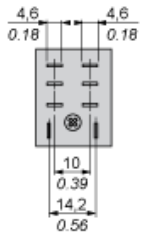
Dimensions

mm  
in.

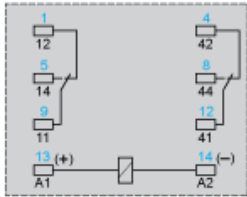
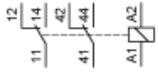


Pin Side View

mm  
in.



## Wiring Diagram

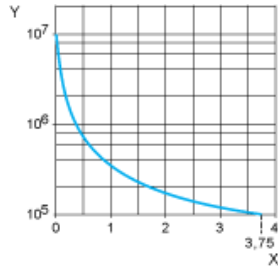


Symbols shown in blue correspond to Nema marking.

Electrical Durability of Contacts

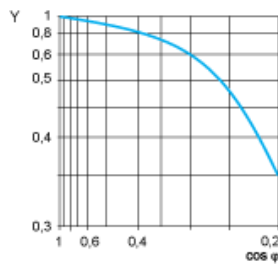
Durability (inductive load) = durability (resistive load) x reduction coefficient.

Resistive AC load



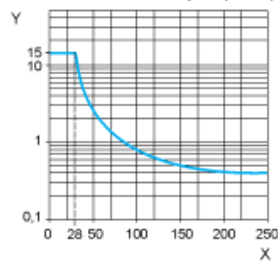
X Switching capacity (kVA)  
Y Durability (Number of operating cycles)

Reduction coefficient for inductive AC load (depending on power factor cos φ)



Y Reduction coefficient (A)

Maximum switching capacity on resistive DC load



X Voltage DC  
Y Current DC

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

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