

Zelio® Plug-in Relays

Simply Smart: compact, simple relays for HVAC and industrial applications

The new family of Telemecanique® brand Zelio® plug-in relays provides innovative standard features that save time and money for OEMs, panel builders and systems integrators. The relays also combine many options in size, function, and capability for a variety of applications.

The Zelio plug-in relay line consists of four product families: RSB interface relays, RXM miniature relays, RUM universal relays and RPM/RPF power relays. For standard applications the relays offer a variety of functions that simplify installation and allow for more efficient use of the panels.

What can Zelio plug-in relays do for you?

■ Simple installation and operation

- adaptable to all common voltages
- plug-in protection module to protect against electrical spikes
- plug-in jumper bars for coil terminals to avoid time-consuming wiring
- test button allows users to test circuits for maintenance purposes
- manual operator enabling forced maintaining of the contacts to test the circuit for maintenance purposes
- mechanical flag indication of relay status
- optional bipolar LED indication of relay status (depending on version)
- wide selection sockets enabling mixed or separate connection of coils and contacts
- sockets can be DIN rail or screw mounted

■ Conformity to international standards

- meets the requirements of the European RoHS Directive
- meets IEC/EN 61810-1 (including IEC 60947-5-1), UL 508 and CSA C22.2 N° 14 standards

Where do you use Zelio plug-in relays?

■ Industrial machines

- Conveying
- Packaging
- Palletizers
- Semiconductor

■ Facility and infrastructures

- Compressors
- HVAC
- Pumps
- Water Treatment (pumping systems)

■ Specialty machinery

- Transportation Washes
- Escalators



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Product Specifications

Contact Ratings	3 A to 30 A
Contact Configuration	SPDT, DPDT, 3PDT, 4PDT
Complete Line of Accessories	Finger safe sockets, plug-in protection modules, plug-in jumper bars for coil terminals, manual operator for relay state indication, relay state LED indication
Ambient Air Temperature around the device	Storage: -40 – 185° F (40 – 85° C) Operation: -40 – 131° F (-40 – 55° C)
	RSB ONLY Storage: -40 – 185° F (-40 – 85° C) Operation: Vdc: -40 – 185° F (-40 – 85° C); Vac -40 – 158° F (-40 – 70° C)
Certifications	cULus Listed, cURus Component Recognized, CE, RoHS

Product Selection

Description (Coil voltage 120 Vac, without LED)	SPDT	DPDT	3PDT	4PDT
RXM Miniature Relays	–	RXM 2AB1F7 (12A)	RXM 3AB1F7 (10A)	RXM 4AB1F7 (6A)
RPM Miniature Power Relays	RPM 11F7 (15A)	RPM 21F7 (15A)	RPM 31F7 (15A)	RPM 41F7 (15A)
RUM Universal Relays (cylindrical)	–	RUMC2AB1F7 (10A)	RUMC3AB1F7 (10A)	–
RUM Universal Relays (flat)	–	RUM F2AB1F7 (10A)	RUMF3AB1F7 (10A)	–
RPF Power Relays	–	RPF 2AF7 (30A)	–	–
RSB Interface Relays	RSB1A120F7 (12A)	RSB 2A080F7 (8A)	–	–

Note: see catalog for additional selection options.

For more information

Visit our Web site at <http://www.us.telemecanique.com> for more information on Zelio plug-in relays and other relays. The following literature is available from your authorized Square D® distributor or Schneider Electric sales office:

- Catalog, document number 8501CT0601
- Brochure, document number DIA3ED1051003EN (electronic file only)

For technical support, please call 888-SQUARED.

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