

# 8501 General Purpose Relays

## Plug-in relays for industrial applications

Square D® plug-in relays set the standard for quality with innovative and beneficial features. Service providers and repair companies who select Square D® products for maintenance, repair and overhaul (MRO) can count on reliable performance. With a comprehensive range of functionality the relays perform well in a variety of applications.

The 8501 plug-in relay line consists of two product families: Type R and Type K to meet low and higher amp requirements in a compact design. For general purpose applications these relays simplify installation and enable more efficient use of panel space.

## What can Square D® plug-in relays do for you?

### ■ Simple installation and operation

- available in standard voltages
- has optional test button to test circuits for maintenance purposes
- provides mechanical flag indicator of relay status (Type K)
- optional bipolar LED indication of relay status (depending on version)
- includes wide selection of sockets to simplify mounting and connections

### ■ Conformity to international standards

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



## Where do you use 8501 plug-in relays?

### ■ Facility and infrastructures

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

### ■ Industrial machines

- Conveying
- Packaging
- Palletizers

### ■ Specialty machinery

- Transportation Washes
- Escalators

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## Product Specifications

Contact Ratings	1 A to 15 A
Contact Configuration	SPDT, DPDT, 3PDT, 4PDT
Complete Line of Accessories and Options	Sockets, hold-down clips, test button, relay state LED indication
Ambient Air Temperature around the device	Operation: -40 to +131° F (-40 to +55° C)
Certifications	cULus Listed, cURus Component Recognized, CSA, CE, RoHS

## Product Selection

Description	SPDT	DPDT	3PDT	4PDT	
8501 R 1 Amp	—	—	—	RS24 RSD24	AC DC
8501 R 3 Amps	—	—	—	RS4 RSD4	AC DC
8501 R 5 Amps	—	—	—	RS14 RSD14 RS34 RSD34	AC DC AC DC Hermetically sealed Hermetically sealed
8501 R 10/12/15 Amps	RS41 RSD41	RS42 RSD42	RS43 RSD43	RS44 RSD44	AC DC
8501 K 12 Amps		KF12 KFD12 KL12 KLD12 KP12 KPD12 KU12 KUD12	KF13 KFD13 — — KP13 KPD13 KU13 KUD13		AC DC AC DC AC DC AC DC Side flange Side flange Latching Latching Tubular terminal Tubular terminal Spade terminal Spade terminal

Note: see catalog for additional selection options.

## For more information

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

- Catalog, document number 8501CT0301

For technical support, please call 888-SQUARED.

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