

ProgramaCube®

KRPD Series Dual Function

Time Delay Relay (10A SPDT)



US Patent 6708135

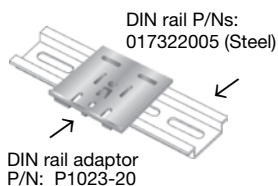


- Choose 1 of 12 Standard Dual Functions
- Factory Programmed
- Microcontroller Circuitry, +/-0.5% Repeat Accuracy
- Isolated 10 A SPDT Output Contacts
- Universal Voltage 24 ... 240 V AC/DC
- Delays from 100 ms ... 1000 h in 9 Ranges

Complete Product Details:
<http://www.ssac.com/pp1.htm>

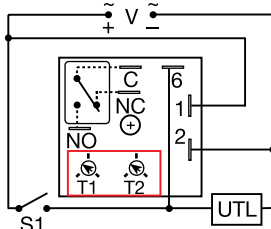


Mounting Accessory



Choose from 1 of 12 standard single functions, fixed or onboard adjustment and 9 time ranges. All available through the Quick Ship program.

Connection



V = Voltage C = Common, Transfer Contact
 NC = Normally Closed NO = Normally Open
 S1 = Initiate Switch UTL = Optional Untimed Load

A knob is supplied for adjustable units. The untimed load is optional. S1 is not used for some functions. Dashed lines are internal connections.

**Function Chart

- Delay On Make/Delay on Break
- Delay On Make/Recycle (ON Time First, Equal Times)
- Delay On Make/Interval
- Delay On Make/Single Shot
- Interval/Recycle (ON Time First, Equal Times)
- Delay On Break/Recycle (ON Time First, Equal Times)
- Single Shot/Recycle (ON Time First, Equal Times)
- Recycle (Both Times Adjustable, OFF Time First)
- Recycle (Both Times Adjustable, ON Time First)
- Interval/Delay On Make
- Accumulative Delay On Make/Interval
- Single Shot Lockout

Code

- MB
- MRE
- MI
- MS
- IRE
- BRE
- SRE
- RXE
- RXD
- IM
- AMI
- SL

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See page 10 for function time diagrams

Technical Data

Output	
Rating (at 40°C)	10 A resistive at 125 V AC 5 A resistive at 230 V AC & 28 V DC 1/4 hp at 125 V AC
Mechanical	
Mounting	Surface mount with one #10 (M5 x 0.8) screw
Package	2 x 2 x 1.21 in. (50.8 x 50.8 x 30.7 mm)
Termination	0.25 in. (6.35 mm) male quick connects

Ordering Table

KRPD Series	X Input	X First Adjustment (T1 or RT1)	X First Time Delay*	X Second Adjustment (T2 or RT2)	X Second Time Delay*	X Function**
	A - 24 ... 240 V AC/DC D - 12 ... 48 V DC	-1 - Fixed -2 - Onboard Adjust -3 - External Adjust	-1 - 0.1 ... 10 s -2 - 1 ... 100 s -3 - 10 ... 1000 s -4 - 0.1 ... 10 m -5 - 1 ... 100 m -6 - 10 ... 1000 m -7 - 0.1 ... 10 h -8 - 1 ... 100 h -9 - 10 ... 1000 h	-1 - Fixed -2 - Onboard Adjust -3 - External Adjust	-1 - 0.1 ... 10 s -2 - 1 ... 100 s -3 - 10 ... 1000 s -4 - 0.1 ... 10 m -5 - 1 ... 100 m -6 - 10 ... 1000 m -7 - 0.1 ... 10 h -8 - 1 ... 100 h -9 - 10 ... 1000 h	Specify Function (Refer to Function Chart for Code)

*Note: Grayed options are available in standard lead time.

Example P/N:

KRPDA2525MRE = Universal AC/DC voltage, onboard adjustment, T1=1...100 m, T2=1...100 m, delay on make /recycling - ON time first
 KRPPD10.5S110SMB = Universal AC/DC voltage, fixed delays, T1= 0.5 sec., T2 = 100 sec. delay on make /delay on break

*If Fixed Delay is selected, insert delay [0.1 ... 999] followed by (S) secs., (M) mins., or (H) hrs.