

SIRIUS 3RP1 Timing Relays

Perfectly timed delays



3RP1 electronic timing relays are employed for all time-delayed switching processes in control, start-up, protection and regulation circuits. Thanks to their superior engineering and space-saving, compact design, these relays are the ideal timer modules for manufacturers of control cabinets, power distribution board and control systems.

SIRIUS

Answers for industry.

SIEMENS

Strong Partners for Industry and Trade

3RP15 electronic timing relays in 22.5 mm industrial enclosure

Function	Time range	Rated control supply voltage U _c	Contacts ¹⁾	Order No. screw connection	Order No. spring-loaded terminal
ON-delay timing relays					
ON delay	0.5–10 sec	AC/DC 24/AC 200–240 V	1 CO	3RP1511-1AP30	3RP1511-2AP30
ON delay	1.5–30 sec	AC/DC 24/AC 200–240 V	1 CO	3RP1512-1AP30	3RP1512-2AP30
ON delay	5–100 sec	AC/DC 24/AC 200–240 V	1 CO	3RP1513-1AP30	3RP1513-2AP30
ON delay	0.05 sec–100 h	AC/DC 24/AC 200–240 V	1 CO	3RP1525-1AP30	3RP1525-2AP30
ON delay	0.05 sec–100 h	AC/DC 24–240 V	2 CO	3RP1525-1BW30	3RP1525-2BW30
OFF-delay timing relays					
OFF delay with auxiliary voltage	0.5–10 sec	AC/DC 24/AC 200–240 V	1 CO	3RP1531-1AP30	3RP1531-2AP30
OFF delay with auxiliary voltage	1.5–30 sec	AC/DC 24/AC 200–240 V	1 CO	3RP1532-1AP30	3RP1532-2AP30
OFF delay with auxiliary voltage	5–100 sec	AC/DC 24/AC 200–240 V	1 CO	3RP1533-1AP30	3RP1533-2AP30
OFF delay without auxiliary voltage	0.05–600 sec	AC/DC 24–240 V	1 CO	3RP1540-1AW31	3RP1540-2AW31
OFF delay without auxiliary voltage	0.05–600 sec	AC/DC 24–240 V	2 CO	3RP1540-1BW31	3RP1540-2BW31
Clock generator					
Clock generator	0.05 sec–100 h	AC/DC 24/AC 200–240 V	1 CO	3RP1555-1AP30	3RP1555-2AP30
Star-delta timing relays					
Star-delta	1–20 sec	AC/DC 24/AC 200–240 V	1 NO + 1 NO	3RP1574-1NP30	3RP1574-2NP30
Star-delta	3–60 sec	AC/DC 24/AC 200–240 V	1 NO + 1 NO	3RP1576-1NP30	3RP1576-2NP30
Multifunction timing relays					
8 functions	0.05 sec–100 h	AC/DC 24/AC 200–240 V	1 CO	3RP1505-1AP30	3RP1505-2AP30
8 functions	0.05 sec–100 h	AC/DC 24–240 V	1 CO	3RP1505-1AW30	3RP1505-2AW30
8 functions	0.05 sec–100 h	AC/DC 24–240 V	2 CO	3RP1505-1RW30 ²⁾	3RP1505-2RW30 ²⁾
16 functions	0.05 sec–100 h	AC/DC 24/AC 200–240 V	2 CO	3RP1505-1BP30	3RP1505-2BP30
16 functions	0.05 sec–100 h	AC/DC 24–240 V	2 CO	3RP1505-1BW30	3RP1505-2BW30
Accessory label set for multifunction timing relays					
Label set for 1 CO / 8 functions					3RP1901-0A
Label set for 2 CO / 16 functions					3RP1901-0B

¹⁾ CO = changeover contact, NO = normally open contact

²⁾ Positively driven and hard gold-plated relay contacts

Multifunction timing relays with 8 functions	Multifunction timing relays with 16 functions
ON delay	ON delay
OFF delay with auxiliary voltage	OFF delay with auxiliary voltage
ON and OFF delay with auxiliary voltage	ON and OFF delay with auxiliary voltage
Flashing, start with break	Flashing, start with break
Passing make contact function	Passing make contact function
Passing break contact function with auxiliary voltage	Passing break contact function with auxiliary voltage
Pulse-shaping with auxiliary voltage	Pulse-shaping with auxiliary voltage
Additive ON delay with auxiliary voltage	Additive ON delay with auxiliary voltage
	ON delay and instantaneous switching
	OFF delay with auxiliary voltage and instantaneous switching
	ON and OFF delay with auxiliary voltage and instantaneous switching
	Flashing, start with break and instantaneous switching
	Passing make contact function and instantaneous switching
	Passing break contact function with auxiliary voltage and instantaneous switching
	Pulse-shaping with auxiliary voltage and instantaneous switching
	Star-delta function

The complete range of timing relays and accessories is available on the Internet at www.siemens.com/sirius and in the LV 1 catalogue.

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