SIEMENS

Fewer Variants, More Options

SIRIUS 3RP25: The compact multifunctional timing relay for all common applications – worldwide

siemens.com/relays

No matter how many timing relays you used to require to realize all common applications – from now on, one relay covers all needs: SIRIUS 3RP25. Thanks to its unrivalled functionality featuring up to 27 functions and wide voltage range from 12 to 240 V AC/DC, SIRIUS 3RP25 is the first choice for time-delayed switching.

Minimum device variance

- Easy stock-keeping and logistics
- Easy configuration Reduced mounting and wiring costs



Extended wide voltage range

from 12 to 240 V AC/DC – consistent, in all functions



Modern, more compact housing

- Space savings in the control cabinet
- Versions in 17.5 and 22.5 mm width
- Removable terminals and wiring

Global applicability

Approvals such as UL, CSA, EAC, etc.





Advanced functionality

- Up to **27 time functions** according to DIN EN IEC 61812 in the multifunctional timing relay
- Watchdog for cycle time monitoring or attention control
- **Semiconductor output** for high switching frequencies, bounce-free and wear-free switching

SIRIUS 3RP25 electronic time relays:

Wider range integrated functionality all within compact 22.5 and 17.5 mm housings

Code letter of the set function	13 functions	27 functions			
	13 functions (A–M)	13 functions (A–M), 2 CO parallel switching + 13 functions (A–M), 1 CO delayed + 1 CO instantaneous switching + 1 star/wye-delta function			
	1 CO 2 CO parallel switching 1 NO	1 CO + 1 CO with separate switching			
А	ON delay	ON delay and instantaneous switching			
В	OFF delay with control signal	OFF delay with control signal and instantaneous switching			
С	ON/OFF delay with control signal	ON/OFF delay and instantaneous switching			
D	Flashing, symmetrical, start with break	Flashing, symmetrical, start with break and instantaneous switching			
E	Passing make contact function, interval relay	Passing make contact function, interval relay and instantaneous switching			
F	Retriggerable interval relay with disconnected control signal (passing break contact function with control signal)	Retriggerable interval relay with disconnected control signal (passing break contact with control signal) and instantaneous switching			
G	Passing make contact function, with control signal, not retriggerable (pulse-shaping with control signal)	Passing make contact function, with control signal, not retriggerable (pulse-shaping with control signal) and <i>instantaneous switching</i>			
Н	Additive ON delay, undelayed OFF with control signal	Additive ON delay, undelayed OFF with control signal and instantaneous switching			
1	Additive ON delay with control signal	Additive ON delay with control signal and instantaneous switching			
J	Flashing, symmetrical, start with pulse	Flashing, symmetrical, start with pulse and instantaneous switching			
К	Pulse delay, pulse permanently set, pulse length 1s and pulse delay adjustable	Pulse delay, pulse permanently set, pulse length 1s and pulse delay adjustable and instantaneous switching			
L	Pulse delay with control signal Pulse permanently set, pulse length 1s and pulse delay adjustable	Pulse delay, pulse permanently set, pulse length 1s and pulse delay adjustable and <i>instantaneous switching</i>			
М	Retriggerable interval relay with connected control signal (watchdog)	Retriggerable interval relay with connected control signal (watchdog) and instantaneous switching			
YΔ		Star/wye-delta function			

Example: Function setting multifunctional timing relay 2 CO contacts with 27 functions		Function	Con- tacts	Time range	Rated control supply voltage Us	Article No.
	Time range selector switch	13 functions	1 CO	0.05 s – 100 h	12-240 V AC/DC	3RP2505AW30
53-52	Extended functional variety through time range selection and definition		1 NO (SC)	0.05 s – 100 h	12–240 V AC/DC	3RP2505-□CW30
		27 functions	2 CO	0.05 s – 100 h	12–240 V AC/DC	3RP2505-0BW30
	 2 CO contacts with parallel delayed switching: -> left scale on the time range selector switch, or 1 CO contact with delayed switching + 1 CO contact with instantaneous switching: -> right scale on the time range selector switch 	ON delay	1 CO	0.5 s-10 s	12-240 V AC/DC	3RP2511-□AW30
1774			1 CO	1 s – 30 s	12-240 V AC/DC	3RP2512- AW30
			1 CO	5 s – 100 s	12-240 V AC/DC	3RP2513- AW30
			1 CO	0.05 s – 100 h	12-240 V AC/DC	3RP2525- AW30
The American			2 CO	0.05 s – 100 h	12-240 V AC/DC	3RP2525BW30
XO D L CND		OFF delay with control signal	1 CO	0.05 s – 100 h	12–240 V AC/DC	3RP2535-0AW30
(A		OFF delay without	1 CO	0.05 s-600 s	12-240 V AC/DC	3RP2540-□AW30
10	Function selector switch	control signal, non- volatile, passing make contact	2 CO	0.05 s – 600 s	12–240 V AC/DC	3RP2540-🛛 BW30
IH BEL	Selection of the function (see table) via setting A–M or star/wye-delta					
		Clock generator	1 CO	0.05 s – 100 h	12–240 V AC/DC	3RP2555-□AW30

Star/wye-delta

2 NO

function

1 Screw-type 2

3RP2574- NW30

3RP2576- NW30

Spring-loaded

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2 NO 1 s - 20 s (YΔ) 12 - 240 V AC/DC

3 s-60 s (YΔ) 12-240 V AC/DC

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