



Selection and ordering data

For contactors	Auxiliary contacts	Rated control supply voltage U_s ³⁾	Time setting range t	Order No.	List Price \$	Weight approx.
Type			s			kg

Solid-state, time-delay auxiliary switch blocks, for snapping onto the front Terminal designations acc. to DIN 46 199 Part 5

Size S00

3RT19 16-2....



• ON-delay (varistor integrated)								
3RT1. 4), 3RH11 4), 3RH14	1 NO and 1 NC	AC/DC 24 V 1)	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 16-2EJ11 3RT19 16-2EJ21 3RT19 16-2EJ31	95.00 95.00 95.00	0.07		
		AC 100 V ... 127 V 1)	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 16-2EC11 3RT19 16-2EC21 3RT19 16-2EC31	95.00 95.00 95.00		0.07	
		AC 200 V ... 240 V 1)	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 16-2ED11 3RT19 16-2ED21 3RT19 16-2ED31	95.00 95.00 95.00			0.07
	• OFF-delay without auxiliary voltage (varistor integrated)							
	3RT1. 4), 3RH11 4), 3RH14	1 NO and 1 NC	AC/DC 24 V 1)	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 16-2FJ11 3RT19 16-2FJ21 3RT19 16-2FJ31	100.00 100.00 100.00	0.07	
			AC/DC 100 V ... 127 V 1)	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 16-2FK11 3RT19 16-2FK21 3RT19 16-2FK31	100.00 100.00 100.00		0.07
AC/DC 200 V ... 240 V 1)			0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 16-2FL11 3RT19 16-2FL21 3RT19 16-2FL31	100.00 100.00 100.00	0.07		
• WYE-delta function (varistor integrated)								
3RT10 1 4)		1 NO delayed and 1 NO instant., interval time 50 ms	AC/DC 24 V 1)	1.5 ... 30 1.5 ... 30 1.5 ... 30	3RT19 16-2GJ51 3RT19 16-2GC51 3RT19 16-2GD51		98.00 98.00 98.00	0.07
			AC 100 V ... 127 V 1)					
	AC 200 V ... 240 V 1)							

Sizes S0 to S12

3RT19 26-2....



• ON-delay									
3RT10 .., 3RT13, 3RT14, 3RT15	1 NO and 1 NC	AC/DC 24 V ²⁾	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 26-2EJ11 3RT19 26-2EJ21 3RT19 26-2EJ31	95.00 95.00 95.00	0.07			
		AC 100 V ... 127 V ²⁾	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 26-2EC11 3RT19 26-2EC21 3RT19 26-2EC31	95.00 95.00 95.00		0.07		
		AC 200 V to 240 V ²⁾	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 26-2ED11 3RT19 26-2ED21 3RT19 26-2ED31	95.00 95.00 95.00			0.07	
	• OFF-delay without auxiliary voltage ⁵⁾								
	1 NO and 1 NC	AC/DC 24 V ²⁾	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 26-2FJ11 3RT19 26-2FJ21 3RT19 26-2FJ31	100.00 100.00 100.00	0.07			
		AC/DC 100 V ... 127 V ²⁾	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 26-2FK11 3RT19 26-2FK21 3RT19 26-2FK31	100.00 100.00 100.00		0.07		
		AC/DC 200 V ... 240 V ²⁾	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 26-2FL11 3RT19 26-2FL21 3RT19 26-2FL31	100.00 100.00 100.00			0.07	
		• WYE-delta function							
		1 NO delayed and 1 NO instant., interval time 50 ms	AC/DC 24 V ²⁾	1.5 ... 30	3RT19 26-2GJ51	98.00	0.07		
AC 100 V ... 127 V ²⁾			1.5 ... 30	3RT19 26-2GC51	98.00				
AC 200 V ... 240 V ²⁾	1.5 ... 30		3RT19 26-2GD51	98.00					

For technical data, see page 2/146-147.
For int. circuit diagrams, see page 2/150-151.
For position of terminals, see page 2/156-157.

- 1) The terminals for the rated control supply voltage are connected to the contactor by the integrated spring contacts of the solid-state time-delay auxiliary switch above it when this switch is mounted.
- 2) Terminals A1 and A2 for the rated control supply voltage of the solid-state time-delay auxiliary switch must be connected to the associated contactor by means of connecting leads.
- 3) The AC voltages are valid for 50 Hz and 60 Hz.
- 4) Cannot be fitted onto coupling relays.
- 5) Position of the output contacts not defined in the as-delivered state (bistable relay). Applying the control voltage once results in the contacts switching to the correct position.

Contactors and Contactor Assemblies

3RT1 Contactors

Accessories for contactors
with screw connections

SIRIUS



Selection and ordering data

	For contactors Type	Rated control supply voltage U_s	Time setting range t s	Order No.	List Price \$	Weight approx. kg	Pack. Units
Solid-state time-delay blocks with semiconductor output							
Size S00							
	3RT1 1), 3RH11 1), 3RH14	For mounting on the front of contactors • ON-delay (varistor integrated)					
		AC/DC 24 V ... 66 V	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 16-2CG11 3RT19 16-2CG21 3RT19 16-2CG31	79.00 79.00 79.00	0.035	1
		AC/DC 90 V ... 240 V	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 16-2CH11 3RT19 16-2CH21 3RT19 16-2CH31	79.00 79.00 79.00	0.035	1
		• OFF-delay with auxiliary voltage (varistor integrated)					
		AC/DC 24 V ... 66 V	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 16-2DG11 3RT19 16-2DG21 3RT19 16-2DG31	90.00 90.00 90.00	0.037	1
		AC/DC 90 V ... 240 V	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 16-2DH11 3RT19 16-2DH21 3RT19 16-2DH31	90.00 90.00 90.00	0.037	1
	3RT1 1), 3RH11 1), 3RH14	For mounting onto coil terminals on the top of contactors • ON-delay (varistor integrated)					
		AC/DC 24 V ... 66 V	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 16-2CG11 3RT19 16-2CG21 3RT19 16-2CG31	90.00 90.00 90.00	0.037	1
		AC/DC 90 V ... 240 V	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 16-2DH11 3RT19 16-2DH21 3RT19 16-2DH31	90.00 90.00 90.00	0.037	1
		• OFF-delay with auxiliary voltage (varistor integrated)					
		AC/DC 24 V ... 66 V	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 26-2DG11 3RT19 26-2DG21 3RT19 26-2DG31	90.00 90.00 90.00	0.037	1
		AC/DC 90 V ... 240 V	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 26-2DH11 3RT19 26-2DH21 3RT19 26-2DH31	90.00 90.00 90.00	0.037	1
Sizes S0 to S3							
	3RT10 2, 3RT10 3, 3RT10 4 2), 3RT13 2), 3RT15	For mounting onto coil terminals on the top of contactors • ON-delay (varistor integrated)					
		AC/DC 24 V ... 66 V	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 26-2CG11 3RT19 26-2CG21 3RT19 26-2CG31	79.00 79.00 79.00	0.035	1
		AC/DC 90 V ... 240 V	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 26-2CH11 3RT19 26-2CH21 3RT19 26-2CH31	79.00 79.00 79.00	0.035	1
		• OFF-delay with auxiliary voltage (varistor integrated)					
		AC/DC 24 V ... 66 V	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 26-2DG11 3RT19 26-2DG21 3RT19 26-2DG31	90.00 90.00 90.00	0.037	1
		AC/DC 90 V ... 240 V	0.05 ... 1 0.5 ... 10 5 ... 100	3RT19 26-2DH11 3RT19 26-2DH21 3RT19 26-2DH31	90.00 90.00 90.00	0.037	1
OFF-delay device							
	3RT1 . 1, 3RT1 . 2, 3RH1 ... -1BF40	AC/DC 110 V		3RT19 16-2BK01	152.00		1
		AC/DC 220/230 V		3RT19 16-2BL01	152.00		1
		DC 24 V		3RT19 16-2BE01	152.00		1

OFF-delay device:

For description, see page 2/31.
For technical data, see page 2/147.
For circuit diagrams, see page 2/152.
For dimension drawings, see page 2/189.

Time-delay blocks:

For technical data, see page 2/147.
For circuit diagrams, see page 2/153.

1) Cannot be fitted onto coupling relays.

2) Not to be used for 3RT10 4. and 3RT13 4. contactors with $U_s \leq 42$ V.