

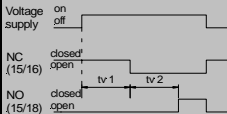
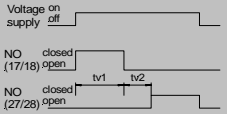
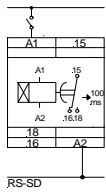
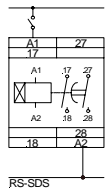


# Star-delta-relay

			
<b>Type</b>	<b>RS-SD</b>	<b>RS-SDS</b>	
<b>Function/Contact</b>	Star-delta relay 1 changer contact with change-over time	Star-delta relay 2 normally open contacts with change-over time	Specials and extras for you
<b>Pulse schedule/Function diagram</b>			All devices up to category 1 according to EN 13849-1
<b>Wiring diagram</b>			Our devices accord to VDE 0116 (regulation for combustion plants)!
<b>LED</b>	2 LEDs	2 LEDs	
<b>Timing ranges</b>	1.5 - 30 s 3 - 60 s 5 - 100 s  Change-over times: 30, 50, 100 ms	1.5 - 30 s 3 - 60 s 5 - 100 s  Change-over times: 30, 50, 100 ms	Are you missing a time range or do you need a fixed time? There are special customizing solutions riese-electronic is able to offer. For more information and questions you will find our contact address on the back of this leaflet.
<b>Exciting voltage</b>	24 V AC/DC 42-48 V AC 110-127 V AC 230 V AC	24 V AC/DC 42-48 V AC 110-127 V AC 230 V AC	Time-relays of riese- electronic also operate with 12 V.
<b>Tolerances</b>	4%	4%	Voltage tolerance up to +/-30%
<b>Attributes</b>	CMOS technology Analog time setting Absolute scale	CMOS technology Analog time setting Absolute scale	Are you interested in "brandlabel" relays?
<b>Description of function</b>	This is an on-delay time-lag relay with change-over time. The time lag begins after applying the exciting voltage to terminals A1 and A2. The output relay remains in its normal position. After expiry of time, the output relay attracts with a change-over time and remains in this switched position until the exciting voltage is interrupted. Upon interruption of the exciting voltage, the output relay returns to its normal position	The RS-SDS is a time delayed relay for star-delta change-over. After connecting the voltage supply to terminal A1 and A2, the NO-contact 1 (17-18) will close immediately and stay in this position with the duration of the adjusted time tv1. At the end of the time tv1 and end of the change-over time (selectable time of 30, 50 and 100 ms) the NO-contact 1 (17 18) opens and NO-contact 2 (27-28) close. NO-contact 2 keeps close till disconnecting the voltage supply. After disconnecting the voltage supply the RS-SDS falls back in its basic position (NO-contact 1 and 2 are open).	Your and our free range for future ideas and developments. You would like to have your corporate symbol on safety-, time-delay-, or measuring- relays you are purchasing? Do you have certain housing forms you want to apply? We are able to provide you with many years of experience due to our customizing division. We are capable to meet your needs flexibly at any time. Let us know about your requirements. Whether there shall be only your logo on the relay, or also a certain colour or housing is demanded, we will create a complete brandlabel- project to develop, produce and test your specific relay, quick and with competence.
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