

RS D

Technical Data:

Supply Voltage (U)	: 220V AC or 24V AC/DC
Operation Frequency	: 50/60 Hz
Off Time Range	: 10 - 300 msec. (adjustable)
Star Relay OnTime Range	: 0,1 - 30 sec. (adjustable)
Operation Temperature	: -5...+55°C
Protection Class	: IP 20
Sensitivity	: $\pm 2\%$
Relay Contact	: 7A - 250V AC (NC+NO)
Dimensions (mm)	: 23x82x75 (SS-D) 30x60x90 (RS-D)
Net Weight	: 90 gr (SS-D) 100 gr (RS-D)

Operation Principles:

When power is applied between terminals, star relay contact is closed immediately and phase output is taken from terminal. At the end of adjusted **ton** time, star relay contact is released and phase output from terminal is cut off. Relay waits for adjusted **toff** time in this state. At the end of this time, delta relay contact is closed and phase output is taken from terminal. Until the supply power of relay is cut off, this state is kept. Depending on the power, producer and corrosion of the contactor, release time of contacts varies. Therefore, the safest star to delta switching time must be adjusted by the user. (10-300 msec.)

Connection Diagram

A1,A2 : 220V AC
A3,A2 : 24V AC or DC
PHASE: Phase Input
Δ : Delta Output
∧ : Star Output

Contact



RS-D



SS-D

