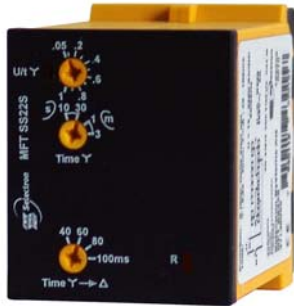


Star-delta relay

MFT SS22S



MFT SS22S

- **1 Function, 4 time ranges**
- **Multivoltage:**
12 ... 240 Vac/dc
- **2 Output controls**

Functions

S Star-delta

Time end ranges

Star times 500 ms - 10 s, 1,5 s - 30 s, 3 s - 1 min., 9 s - 3 min.

Change over time 40 ms, 60 ms, 80 ms, 100 ms

Output relay

2 potential free change over contacts

250 Vac 8 A

Indicators

Green LED ON: indication of supply voltage

Green LED flashes: indication of time period - start-up time

Yellow LED ON/OFF: indication of star-contactor

Connecting voltage

12 ... 240 Vac/dc -10% +10%

48 ... 63 Hz, 100% duration of operation, IEC class 1c

Reference data

Selectron® MFT	Article no.
MFT SS22S	41140009
(Order data see chapter 1)	

Star-delta relay

MFT SS22S

Technical data	
Nominal consumption	
12 ... 240 Vac/dc	6 VA / 2 W
Residual ripple to dc	10%
Dop-out voltage	> 30% of the supply voltage
Accuracy	
Repetition accuracy	±5 ms or <0,5%
Adjustment accuracy	<5%
Temperature influence	≤0,01% / °C
Base accuracy	±1% of scale limit
Voltage influence	-
Reaction time	
Recovery time	100 ms

Type key

MFT S S 2 2 S -	
<p>Construction</p> <p>S Pluggable 11 poles</p> <p>Functions</p> <p>U Universal A Without auxiliary voltage T Cycling timer S Star-delta D Digital</p> <p>Output</p> <p>1 1 changer 2 2 changers 3 1 changer / 1 immediate contact 4 1 changer / 1 closing contact 5 1 closing / 1 opening contact</p>	<p>Special functions</p> <p>E External Potentiometer</p> <p>Control</p> <p>S Voltage control P Potential free</p> <p>Connecting range</p> <p>1 24 Vdc/ac and 110 ... 240 Vac 2 12 ... 240 Vac/dc 3 24 ... 240 Vac/dc</p>

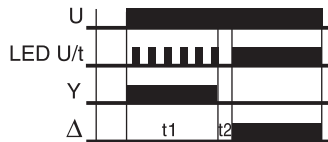
Star-delta relay

MFT SS22S

Function descriptions

S - Star-delta start-up

When the supply voltage U is applied, the star-contact switches into on-position (yellow LED illuminated) and the set star-time Y begins (green LED U/t flashes).

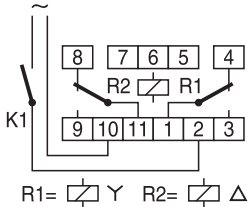


After the interval Y has expired (green LED U/t illuminated) the star-contact switches into off-position (yellow LED not illuminated) and the set transit-time ($Y \rightarrow \Delta$) begins. After the interval Δ has expired the contact for the delta-contactor switches into on-position (green LED U/t illuminated). To restart the function the supply voltage must be interrupted and re-applied.

Connection

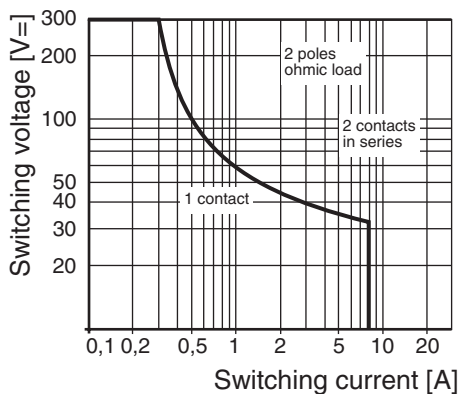
SS22S

12 ... 240 VAC/DC



Load limit curve

MFT SS22S



Star-delta relay

MFT SS22S

Dimensions

