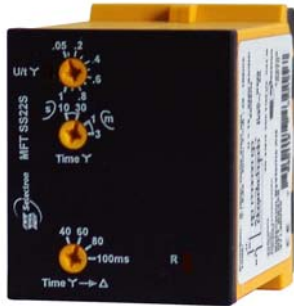


## Star-delta relay

### 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

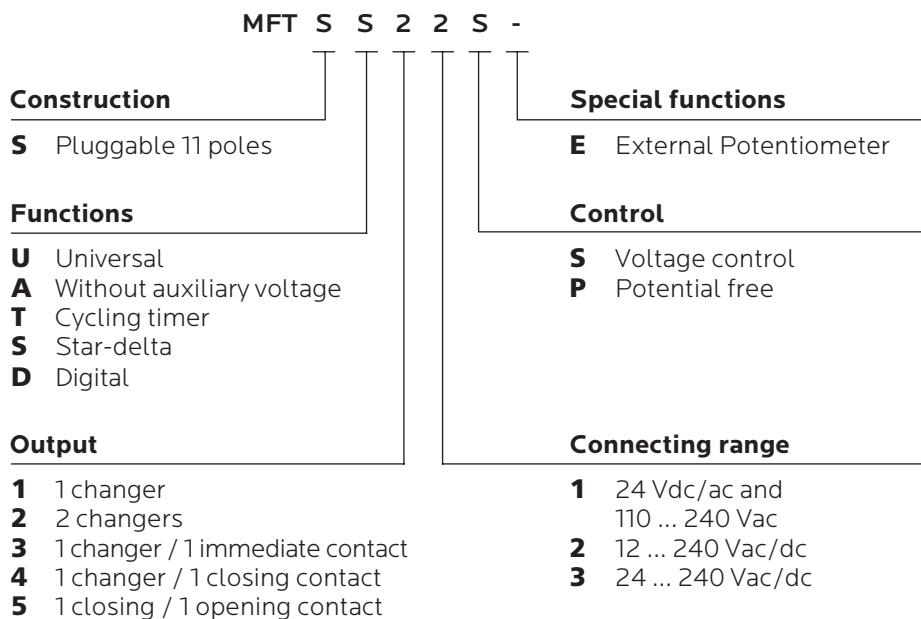
| Selectron® MFT             | Article no. |
|----------------------------|-------------|
| MFT SS22S                  | 41140009    |
| (Order data see chapter 1) |             |

# Star-delta relay

MFT SS22S

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

## Type key



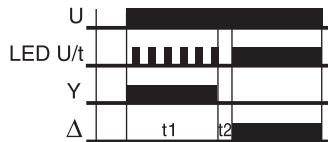
# Star-delta relay

## 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).

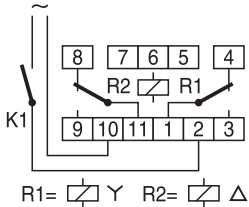


After the interval  $Y$  has expired (green LED  $U/t$  illuminated) the star-contact switches into off-position (yellow LED not illuminated) and the set transit-time ( $Y \rightarrow \Delta$ ) begins. After the interval  $\Delta$  has expired the contact for the delta-contactor switches into on-position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

### Connection

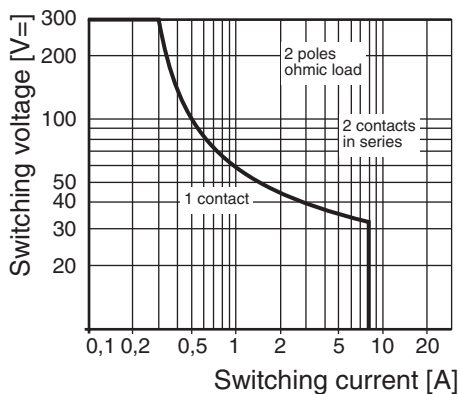
#### SS22S

12 ... 240 VAC/DC



### Load limit curve

#### MFT SS22S



# Star-delta relay

MFT SS22S

## Dimensions

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