

# SELECTRON® RELAYS

TIMER AND MONITORING RELAYS  
SOLID-STATE RELAYS



**SELECTRON**

# Timer and monitoring relays

„The innovation in form, size and function“

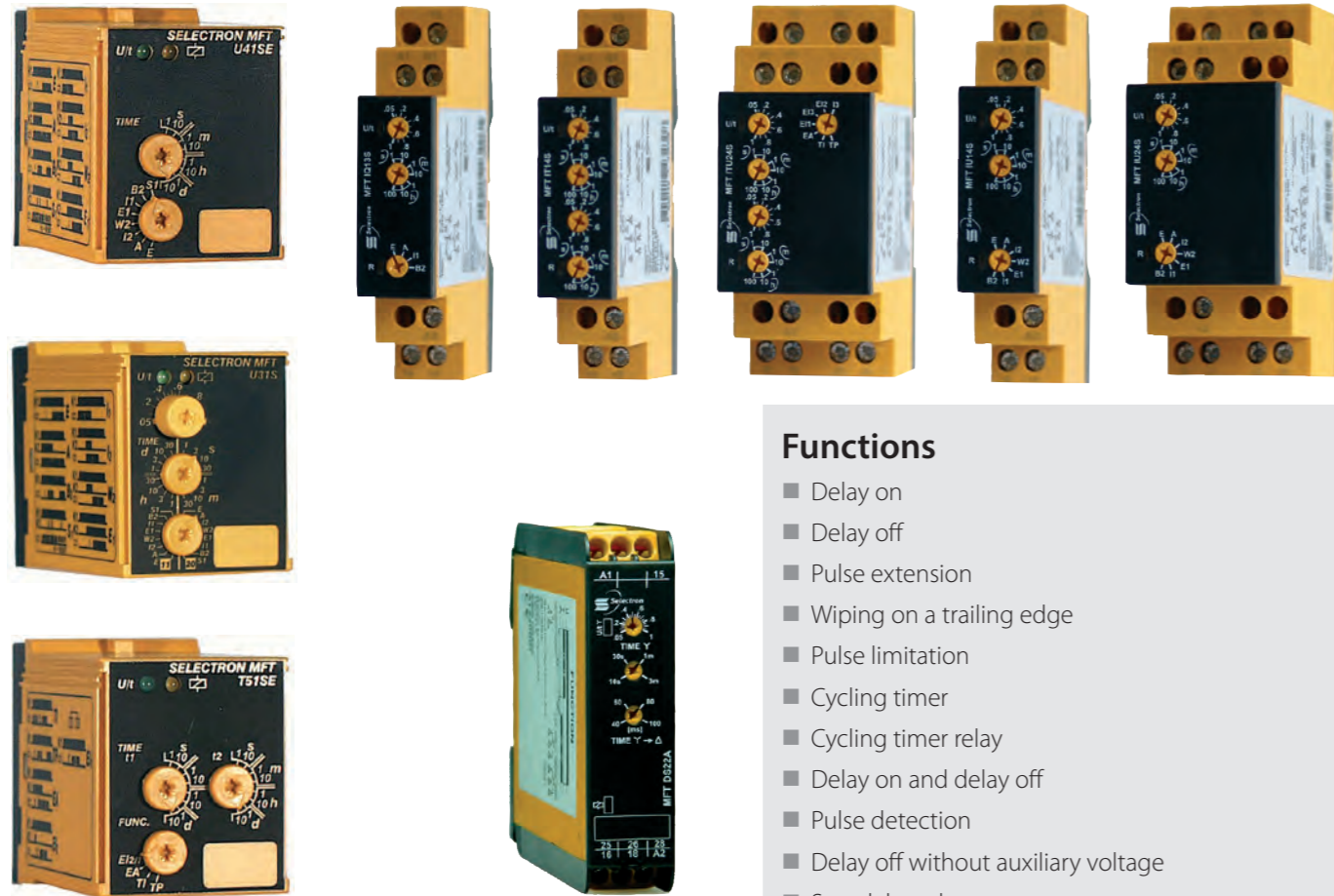
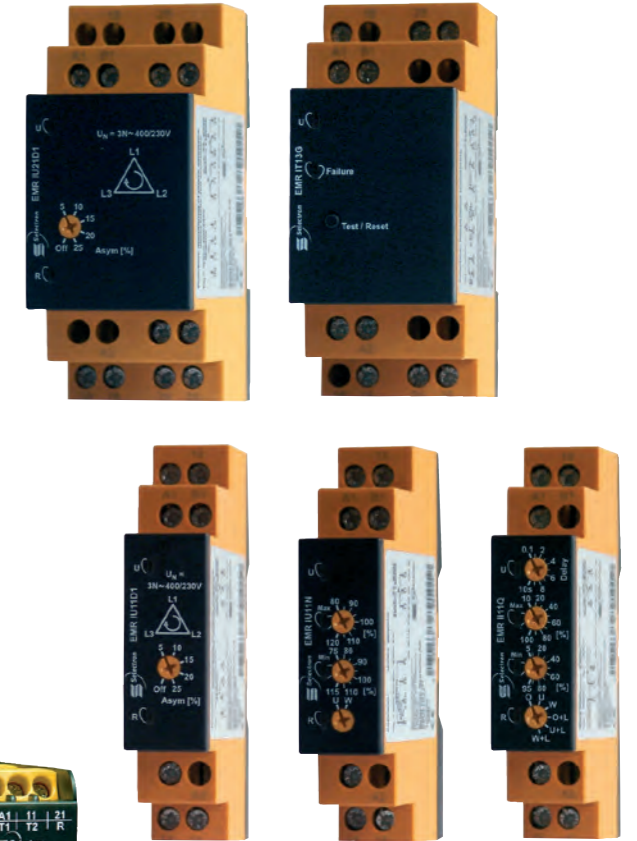
## Selectron timer relays

- From simple to multifunctional timer relays with external potentiometer and potential-free control contact
- Supply by internal and external voltage
- Housing shapes for control, systems and general engineering as well as for use in building installation technology
- Variants for the DIN-rail, switch panel installation as well as with 11-poles plug in socket
- Continuous supply ranges for all application ranges



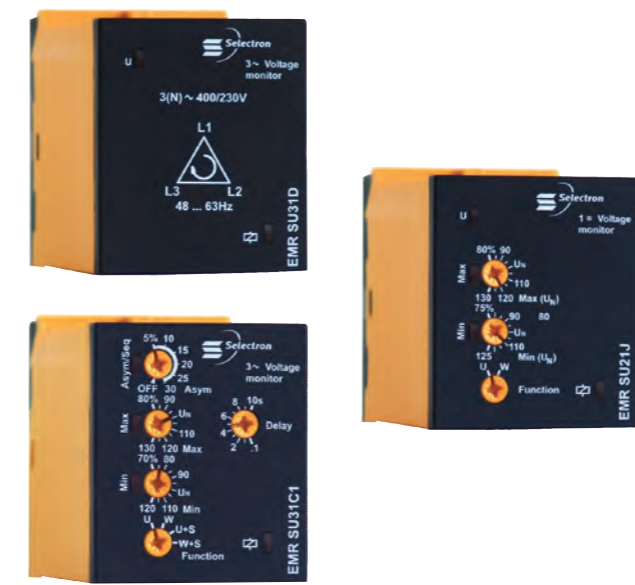
## Selectron monitoring relays

- Measurement parameters such as voltage, current, temperature and fill level in simple or multifunctional configuration
- Supply by measurement voltage or external voltage
- Monitoring of commonly used supply systems with 230/400 VAC or 240/415 VAC
- Variants for the DIN-rail, switch panel installation as well as with 11-poles plug in socket



### Functions

- Delay on
- Delay off
- Pulse extension
- Wiping on a trailing edge
- Pulse limitation
- Cycling timer
- Cycling timer relay
- Delay on and delay off
- Pulse detection
- Delay off without auxiliary voltage
- Star-delta-relay
- etc.



### Functions and measurement ranges

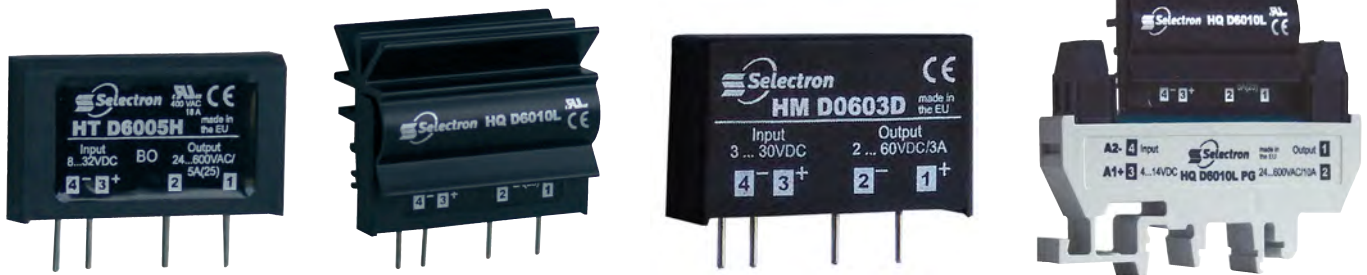
- 1-phase current monitoring
- 1-phase DC voltage monitoring
- 1-phase AC voltage monitoring
- 3-phase AC voltage monitoring
- Temperature monitoring
- Load monitor
- 10 mA to 10 A AC/DC
- 1.5 VAC/DC to 300 AC/DC or 560 VAC
- Up to 6 PTCs according to DIN 44081
- 10 ... 400 Hz
- CosPhi 0.1 to 1.0



# Solid-state relays

## Selectron solid-state relays

- Switching without wear or noise
- Temperature control in industrial heating technology
- Control of motors, industrial and street lighting systems
- Long service lives, powerful currents
- Fast switching
- Printed circuit board mount, standard panel mount or DIN rail mount with or without integrated heat sink



## Specifications

- Load current range: 5 mA to 125 A AC  
5 mA to 40 A DC
- Load voltage range: 12 ... 600 VAC  
5 ... 110 VDC
- Control voltage range: 3 ... 265 VAC/DC
- Structural widths: 10.2 to 82.7 mm
- Operating temperatures: -55 °C to +100 °C

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