

Delay off without supply voltage

MFT SA23S



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- 5 Function, 4 time ranges
- Multivoltage:
24 ... 240 Vac/dc
- 2 Output contacts

Functions

- E** On delay
- A** Off delay without auxiliary voltage
- W2** Wiping on trailing edge voltage control (non-resetting on voltage failure)
- I1** Pulse limitation timer voltage control (non-resetting on voltage failure)
- W3** Wiping on leading and trailing edge voltage control (non-resetting on voltage failure)

Time end ranges

Adjustable 0,1 s ... 3 min.

Output relay

2 changers potential free
250 Vac / 8 A

Indicators

Green LED ON: indication of supply voltage

Connecting voltage

24 ... 240 Vac/dc, ac: -15% +10%, dc: -10% +10%
48 ... 63 Hz, 100% duration of operation, IEC class 1c

Reference data

Selectron® MFT	Article no.
MFT SA23S	41140008
(Order data see chapter 1)	



Note:

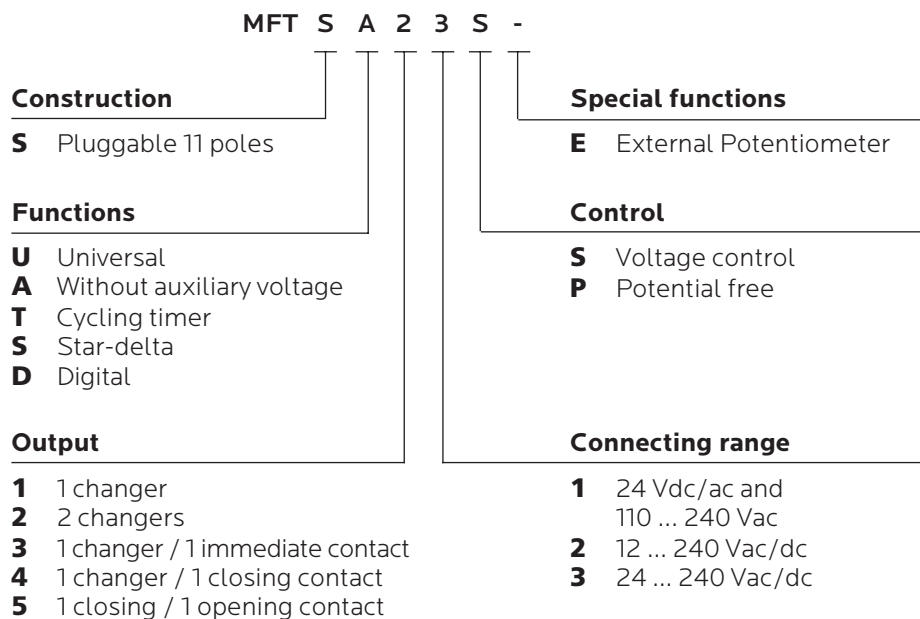
After transport the output relay maybe in any position.
The correct operation will be given after the first cycle.

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Technical data		
Nominal consumption		
ac		1 VA / 0.5 W
dc		0.7 VA / 0.7 W
Accuracy		
Base accuracy		± 1% of scale limit ≤ 10% for time range 1s
Repetition accuracy		1% or 100 ms
Adjustment accuracy		< 5% of scale limit
Temperature influence		≤ 0,02% / °C
Reaction time		
Recovery time		100 ms

Type key



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Function descriptions

E - On delay

Activation by U_s via K1. When K1 closes, the set interval t begins (green LED U illuminated).



After the interval t has elapsed, the output relay picks up and remains in the working position until K1 is opened again. Interrupting U_s during the interval t causes a reset.

A - Off delay

Activation by U_s via K1. The output relay picks up after K1 closes. If K1 is opened again, the set interval t begins (green LED U not illuminated).



After the interval t has elapsed, the output relay drops back out to its rest position. Operating K1 during the interval t causes a time reset.

I1 - Pulse limitation timer voltage control

Activation by U_s via K1. When K1 closes, the output relay picks up immediately and the set interval t begins (green LED U illuminated).



After the interval t has elapsed, the output relay drops back out to its rest position. This condition is maintained until U_s is interrupted. Interrupting U_s before the interval t has elapsed means that the output relay remains picked up until the interval t has fully elapsed.

W2 - Wiping on trailing edge voltage control

Activation by U_s via K1. The output relay remains dropped out after K1 closes. As soon as K1 is opened, the output relay picks up and the set interval t begins (green LED U not illuminated).



After the interval t has elapsed, the output relay drops out. Closing K1 before the interval t has elapsed means that the

output relay remains picked up until the interval t has fully elapsed.

W3 - Wiping on leading and trailing edge voltage control

Activation by U_s via K1. When K1 closes, the output relay picks up and the set interval t begins (green LED U illuminated).

After the interval t has elapsed, the output relay drops out. As soon as K1 is opened, the output relay picks up and the set interval t begins (green LED U not illuminated).



After the interval t has elapsed, the output relay drops out. Interrupting or re-applying U_s before the interval t has elapsed means that the output relay remains picked up until the interval t has fully elapsed.

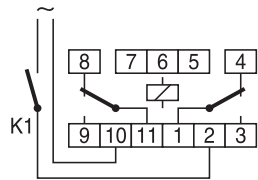
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Connection

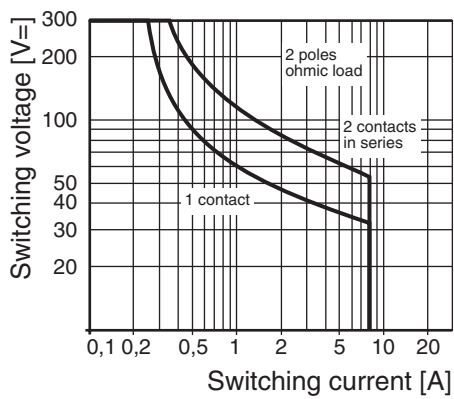
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24 ... 240 VAC/DC



Load limit curve

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Dimensions

