

## Subject

Door control TS 971 – New software 3.4

## Description

The door control TS 971 (1) receives the software version 3.4. The new software includes the additions described under 2.

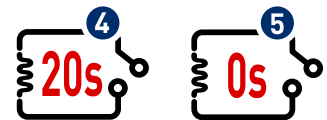


### 2 Menu items 2.7 and 2.8 (relay functions on X20 and X21)

- Menu items 2.7 and 2.8 can be used to set the response when the two relay contacts X20/X21 (changeover contacts) integrated into the door control are switched. Up to now, there were 14 different settings to choose from.
- Addition:** Software version 3.4 adds two more operation settings for X20/X21. The new settings 1.5 and 1.6 (3) available under 2.7/2.8 enable the use of the relay contacts for status messages<sup>1)</sup> in case of faults or power failure.

27	Relay function on X20
28	Relay function on X21
12	Brake control Active during operation Inactive at stop
14	Light curtain test, etc. Test prior to each closing operation
15	Operating status display (delay of 20 seconds)
16	Operating status display (without delay)

- Setting 1.5:** The relay switches with a delay of 20 s (4). If the fault disappears before the time has elapsed, the relay does not switch.  
⇒ Some faults lead to the immediate switching of the relay even when 1.5 is set
- Setting 1.6:** The relay switches immediately (5).
- The table below gives an overview of the responses of the relay contacts depending on the type of fault and the selected setting.



Self-resetting faults	Self-resetting faults on movement command	Resistant faults	Power failure
⇒ are faults where the fault indication is automatically deleted after their elimination. Examples: 1.4 / 3.1 / 3.2	⇒ are faults where the fault indication is deleted on the next movement command. Examples: 2.4 / 2.5 / 3.7 / 5.8	⇒ are faults that require a reset of the door control after their elimination to delete the error message. Examples: 3.6 / 5.6 / 5.7	⇒ The power supply to the gate control is interrupted. 
<u>Response of the relay:</u> 1.5: Switches with 20s delay (4) 1.6: Switches immediately (5)	<u>Response of the relay:</u> 1.5: Switches with 20s delay (4) 1.6: Switches immediately (5)	<u>Response of the relay:</u> 1.5: Switches immediately (5) 1.6: Switches immediately (5)	<u>Response of the relay:</u> 1.5: Switches immediately (5) 1.6: Switches immediately (5)

## Notes

- The new software will gradually be incorporated into all TS 971 variants from 08/2022.
- The installation instructions will include the descriptions of the new relay functions.
- The new relay functions are initially intended only for the TS 971 door control.

Do you have any questions or suggestions? Please contact us. Your sales representative will gladly advise you: <http://gfa-elektromaten.com/en-DE/contact.html>

1) The two new functions are independent of the door position. Switching points (menu item 1.7 or 1.8) do not have to be determined for this.