

Relays settings on the sc200 to transmit Errors (and Warnings)



Which settings do we have to select on a sc200 to transmit Error- and Warning messages via Relays.....?

- 1.) Menu -> sc200 SETUP
- 2.) RELAY SETUP (select a Relay contact A-D)
- 3.) SELECT SOURCE (Select the sensor)
- 4.) SET FUNCTION (Select WARNING)
- 5.) SET TRANSFER (Select ACTIVE)
- 6.) ACTIVATION (WARNING LEVEL (Set it on 0)) *With this WARNING LEVEL you can decide up to which Warnings or Error messages the Relay should be switched on.*
- 7.) Go back to sc200 SETUP
- 8.) ERROR HOLD MODE (Select TRANSFER OUTPUT)

Which WARNING LEVELS should we select?

The WARNING LEVEL is different from probe to probe. The Settings can be also different, after a Software update.

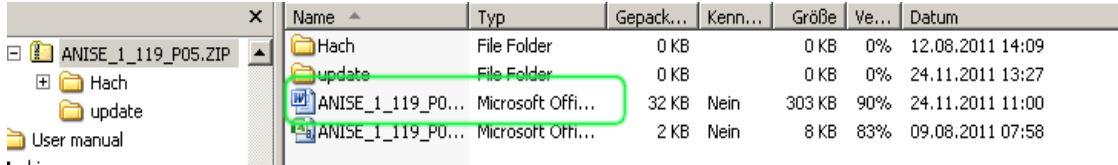
With the correct Settings, we are able to include or exclude the warnings to this Relay.

The information for this Setting do we get from the Word document which is a part of the zip file of the used Software.

Example:

We want to program a Relay only for the Error Messages of a ANISE probe.

1. We have to find the Word Document :



This Document includes a List of all Warnings and Errors:

Section-9: Warning-List-Information	
Number of Warnings (32-Maximum):	
List the Warning-List in information in the following format:	
Warning#	Warning-Description
0	RFID-DATA
1	CARTRIDGE-OLD
2	NH4 mV-RANGE
3	K-mV-RANGE
4	NO3 mV-RANGE
5	CL-mV-RANGE
6	REF1 mV-RANGE
7	REF2 mV-RANGE
8	TEMP-RANGE
9	NH4-N-CONC-HIGH
10	NH4-N-CONC-LOW
11	NO3-N-CONC-HIGH
12	NO3-N-CONC-LOW
13	K-CONC-HIGH
14	K-CONC-LOW
15	CL-CONC-HIGH
16	CL-CONC-LOW
17	NH4-OFFSET
18	NH4-SLOPE
19	NO3-OFFSET
20	NO3-SLOPE
21	K-OFFSET
22	CL-OFFSET

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Section-8: Error-List-Information	
Number of Errors (32-Maximum):	
List the Error-List in information in the following format:	
Error#	Error-Description
0	MOISTURE
1	NO-CARTRIDGE
2	NH4 mV-RANGE
3	K-mV-RANGE
4	NO3 mV-RANGE
5	CL-mV-RANGE
6	REF1 mV-RANGE
7	REF2 mV-RANGE
8	TEMP-RANGE
9	NH4-N-CONC-HIGH
10	NH4-N-CONC-LOW
11	NO3-N-CONC-HIGH
12	NO3-N-CONC-LOW
13	K-CONC-HIGH
14	K-CONC-LOW
15	CL-CONC-HIGH
16	CL-CONC-LOW

2. Here we can see for the ANISE that it has 23 Warnings.

3. We have to set the WARNING LEVEL now to 22.

The Relay switches then only on, if the ANISE has an Error.

If the WARNING LEVEL is set to 0, the Relay switches on, if the ANISE has a Warning or an Error.

It is not possible to program a Relay only for Warnings.