

## Air sampling smoke detection system TITANUS SuperSens

### Quick Guide for Commissioning

## 1 Installation

- Connect power (24V)
- Connect outputs for info- (AL1), pre- (AL2) and mainalarm (AL3) as well as "fault" (switchover relay contacts)
- Connect reset input
- Connect ext. input "night" (alt.Sens.) (if required)
- Connect pipe system or test pipe

## 2 Set Up

Set DIP switches on pcb "basis E603.1" according to tables below:

Air flow monitoring							
switch S2		Delay time		Switch S2		range	
A(1)	B(2)			C(3)	D(4)		
OFF	ON	Short	30 s	ON	OFF	small	I
ON	OFF	Middle	2 min. (standard)	OFF	ON	middle	II
ON	ON	Long	15 min.	OFF	OFF	large	III (standard)
OFF	OFF	very long	1 h	ON	ON	very large	IV

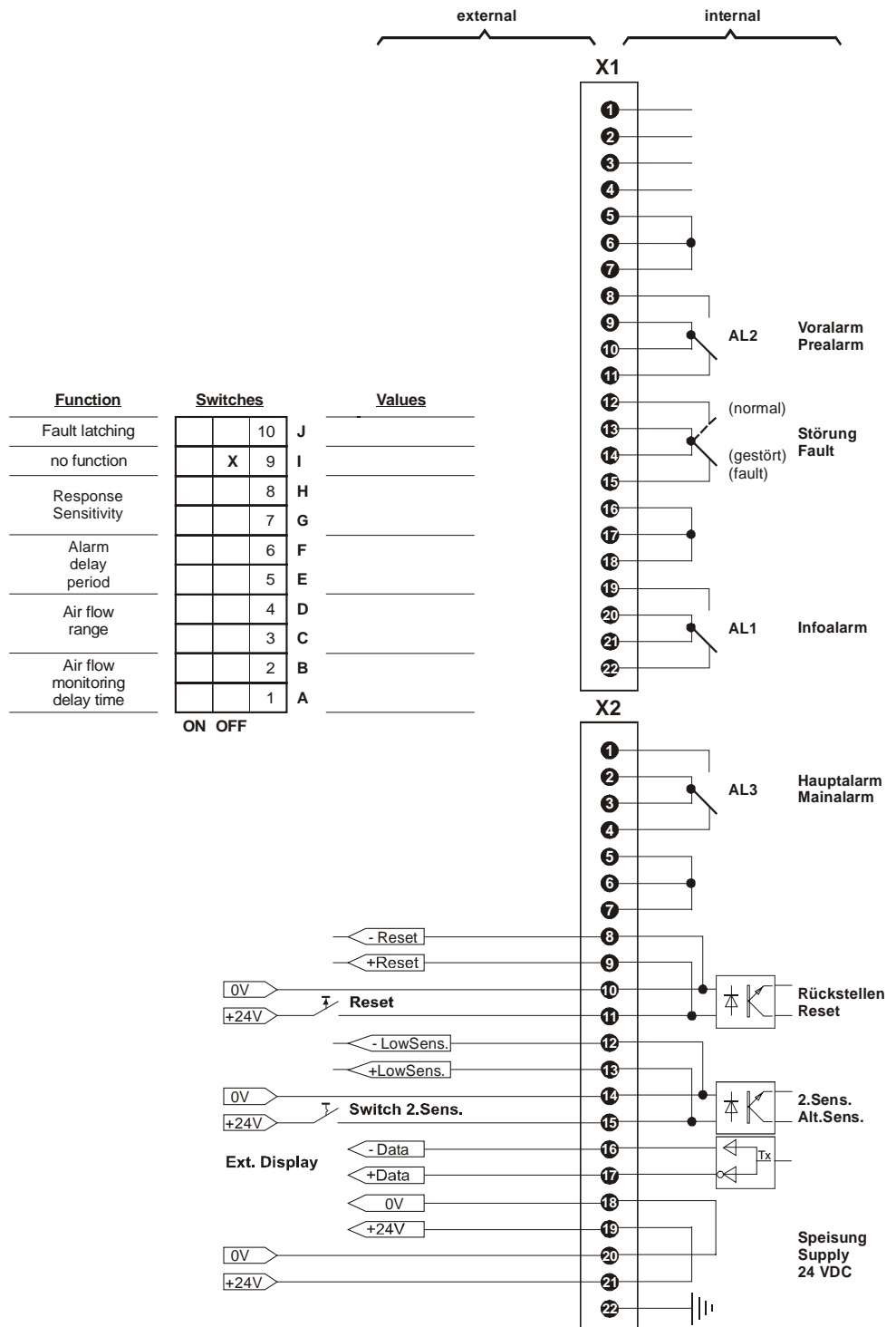
Alarm							
switch S2		Delay time		Switch S2		sensitivity	
E(5)	F(6)			G(7)	H(8)		
OFF	ON	Short	0 s	ON	ON	0,2 %/m	I
ON	OFF	Middle	10 s (standard)	OFF	ON	0,1 %/m	II (standard)
OFF	ON	Long	30 s	ON	OFF	0,05 %/m	III
ON	ON	very long	60 s	OFF	OFF	0,025 %/m	IV

Fault	
switch S2	
J(10)	
OFF	Fault not latching (standard)
ON	Fault latching until reset

Atmospheric pressure compensation					
R58	MP1 (+)	MP2 (-)	see correction table for atm.pressure	or	2,50 V (standard)

# 3 Commissioning

Initializing of airflow monitoring	
1.	press button S3 "Flow-Init"
2.	after approx. 5 min the unit will memorise the "air flow normal" value of the tubing connected. (front LED green flashing)
3.	Fix cover and tighten screws



## TITANUS Super-Sens

Siemens Building Technologies AG  
 Alte Landstrasse 411  
 CH-8708 Männedorf  
 Tel. +41 1 - 922 61 11  
 Fax +41 1 - 922 64 50  
 www.cerberus.ch