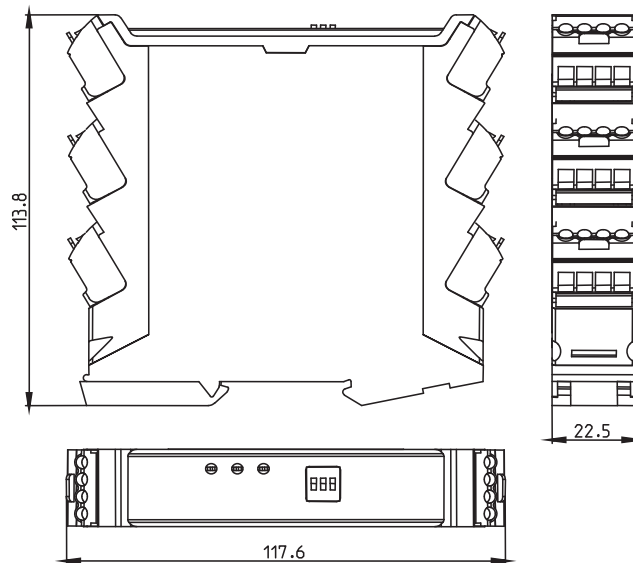


Safety switch Series CSMS

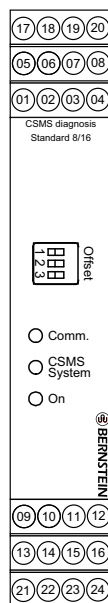
Type designation **CSMS DIAGNOSE STANDARD 16**

Article number **6075989032**



Connector pin assignment

- clamp 1 – output 1/CSMS 1
- clamp 2 – output 2/CSMS 2
- clamp 3 – output 3/CSMS 3
- clamp 4 – output 4/CSMS 4
- clamp 5 – output 5/CSMS 5
- clamp 6 – output 6/CSMS 6
- clamp 7 – output 7/CSMS 7
- clamp 8 – output 8/CSMS 8
- clamp 9 – +
- clamp 10 – +
- clamp 11 – GND
- clamp 12 – GND
- clamp 13 – diagnostic input
- clamp 14 – diagnostic input
- clamp 17 – GND
- clamp 16 – GND
- clamp 17 – output 9/CSMS 9
- clamp 18 – output 10/CSMS 10
- clamp 19 – output 11/CSMS 11
- clamp 20 – output 12/CSMS 12
- clamp 21 – output 13/CSMS 13
- clamp 22 – output 14/CSMS 14
- clamp 23 – output 15/CSMS 15
- clamp 24 – output 16/CSMS 16



Serial-to-parallel converter for switching states

Electrical Data		
Rated operating voltage	U_e	24 V \pm 15 %, Reverse polarity protection
No-load current	I_e	< 50 mA
Output switching voltage	U_a	0 V / U_e - ca. 1 V
Output current	I_a	50 mA
Total current	I_{ges}	< 850 mA
Rated insulation voltage	U_i	75 V

Mechanical Data	
Enclosure	PA 66 GF 30
Mounting	TS 35
Connection	wire with ferrules max. 3 mm ²
Weight	167 g
Type of protection	IP20 acc. to EN 60529

Operating Data	
Indication	LED „on“ lights up green when operating voltage is applied. During operation, the LED „Comm.“ indicates the status of the communication with the CSMS chain ([GN] ok, [RD] error, timeout, no connection). The LED „CSMS system“ indicates the logical chain of the switching states of all connected CSMS ([GN] all switches are closed, [RD] at least one switch is open/no CSMS is connected/no or faulty communication).
DIP-switch (offset)	With the switch 2, a portion of a CSMS chain could be selected, which is used as a source for the switching outputs of the diagnostic device. There are steps to 16 CSMS possible (1-16 / 17-32). The third switch is responsible for the choice of the switching threshold of the outputs of the CSMS diagnostic device (correct actuator recognised/correct actuator out of optimal range). The switch 1 has no function.
Switch output	16 x PNP (open collector)

Operating environment	
Ambient temperature	0 °C ... +60 °C (no freezing / no condensation)

Standards	
	EN 61131-2

EU-Conformity	
	acc. to directive 2014/30/EU

