

**Datasheet**

Item No. R1.188.1680.0

Device for monitoring of safety-related circuits SNA4043

Base unit also for elevators EN 81-1/2 and heaters EN50156-1  
single-channel or two-channel control, automatic reset without reset  
switch monitoring, cross circuit monitoring, 3 enabling current paths,  
1 signalling output, AC/DC 24 V 50-60Hz, screw-terminals fixed



Item No.	R1.188.1680.0
EAN	4046521293718
order unit	1 Piece(s)

**Approvals**

**Technical data**
**General**

Suited for safety functions	Yes
Category according to EN 954-1	4
Muting possible	No
Feedback circuit	Yes
Start contact	Yes
Performance level acc. to EN ISO 13849-1	e
SIL according to IEC 62061	3
Rail mounting possible	Yes

**Connection Data**

Detachable clamps	No
Type of electric connection	Screw connection

**Application**

Model	Basic device
Suitable for monitoring of magnetic switches	Yes
Suitable for monitoring of proximity switches	Yes
Suitable for monitoring of emergency-stop circuits	Yes
Suitable for monitoring of optoelectronic protection equipment	Yes
Suitable for monitoring of position switches	Yes
Suitable for monitoring of valves	No

**Output circuit**

Outputs, signalling function, undelayed, with contact	1
Outputs, signalling function, delayed, with contact	0

Outputs, safe, undelayed, with contact	3
Outputs, safe, delayed, with contact	0

**Control circuit**

Evaluation inputs	2-channel
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**Supply circuit**

Min. rated control supply voltage at AC 50 Hz	20.4 V
Max. rated AC voltage for controls, 50 Hz	26.4 V
Min. rated DC voltage for controls	20.4 V
Max. rated DC voltage for controls	26.4 V
Min. rated control supply voltage at DC	20.4 V
Rated control supply voltage at AC 60HZ	20.4 V
Rated control supply voltage at AC 50HZ	26.4 V

**Dimensions**

Depth	114 mm
Width	22.5 mm
Height	96.5 mm

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