

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