

product data sheet

item no. R1.188.2500.0

device for monitoring of safety-related circuits
SNV4274SL-A 30S DC 24V

Base unit, single-channel or two-channel control, automatic-/ manual reset with reset switch monitoring, 2 immediate switching current paths, 2 enabling current path off-delayed retriggerable, 2 signalling contacts immediately, 2 signalling contacts off-delayed, 0 - 30s, DC 24 V, screw-terminals pluggable



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

output circuit

enabling paths	normally open contact
enabling paths, time delayed	normally open contact, off delay
signaling paths	opener
contact material	Ag alloy, gold-plated
rated switching voltage, enabling paths AC	230 V
rated switching voltage, enabling paths DC	24 V
rated switching voltage, signaling paths AC	230 V
rated switching voltage, signaling paths DC	24 V
max. thermal current I _{th} , enabling paths	6 A
max. thermal current I _{th} , signaling paths	2 A
max. total current I ² of all current path	40 A ²
application category AC-15 (NO)	Ue 230V, Ie 3A
application category DC-13 (NO)	Ue 24V, Ie 3A
short-circuit protection (NO), max. fuse insert	6 A class gG fuse, fuse integral < 100 A ² s
mechanical life	10 ⁷ switching cycles
outputs, signalling function, undelayed, with contact	2
outputs, signalling function, delayed, with contact	2
outputs, safe, undelayed, with contact	2
outputs, safe, delayed, with contact	2

control circuit

response time tA1	200 ms
response time tA2	200 ms
min. switch-on time	100 ms
recovery time tW	> 50 ms
release time tR	< 20 ms
release time tR, delayed contacts (tolerance)	0 - 30 s (+/- 0.1 %, +/- 15ms)
type of switch function of the inputs	normally open contact
evaluation inputs	2-channel

supply circuit

nominal voltage U _N	DC 24 V
rated consumption DC	2.8 W
electrical isolation supply circuit - control circuit	no
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

dimensions

depth	114 mm
width	45 mm
height	96.5 mm

Technical drawing of a rectangular plate with the following dimensions and features:

- Overall width: 114
- Overall height: 96.5
- Distance from left edge to first vertical hole: 108
- Distance between the two vertical holes: 58
- Distance from the right edge to the first vertical hole: 78
- Four circular mounting holes are located at the corners and along the top and bottom edges.
- Two small rectangular slots are located on the left edge.

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	M2
	M3
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	G
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	12.
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