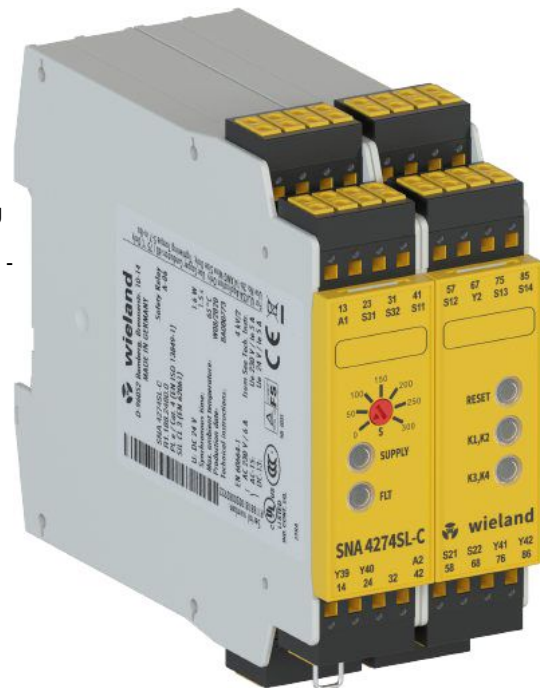


## Product data sheet

Item No. R1.188.2540.0

### Device for monitoring of safety-related circuits SNV4274SL-C 300S 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, 0-300s, DC 24 V, push-in terminals pluggable



Item No.	R1.188.2540.0
EAN	4046521303882
Order Unit	1 Piece(s)

### Certificates / Approvals



### Technical data

#### General

Function display	5 LED, grün/rot
Creepage distances and clearances between the circuits	EN 60664-1
Protection degree according to DIN EN 60529 (housing)	IP40
Protection degree according to DIN EN 60529 (terminals)	IP20
Ambient temperature min.	-25 °C
Ambient temperature max.	55 °C
Wire range cage clamp terminals	2 x 0,25mm <sup>2</sup> - 1,5mm <sup>2</sup>
Weight	0.33 kg
Standards	EN ISO 13849-1EN 62061
Suited for safety functions	Yes
With muting function	No
Feedback circuit	Yes
Start contact	Yes
Stop category acc. to IEC 60204	1
Rail mounting possible	Yes

#### Connection Data

Detachable clamps	Yes
Type of electric connection	Spring clamp 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

**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	6 A
Max. thermal current I	2 A
Max. total current I <sup>2</sup> of all current path	40 A <sup>2</sup>
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 <sup>2</sup> s
Mechanical life	10 <sup>7</sup> 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 - 300 s (+- 0,1 %, +- 15ms)
Type of switch function of the inputs	Normally open contact
Evaluation inputs	2-channel

**Supply circuit**

Nominal voltage U	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**

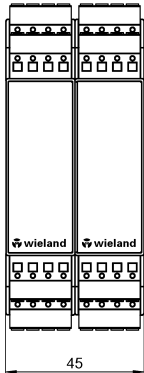
Depth	114 mm
Width	45 mm
Height	106.5 mm

## Technical drawing

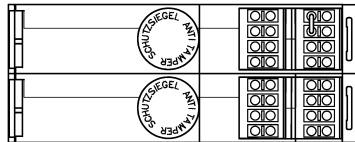
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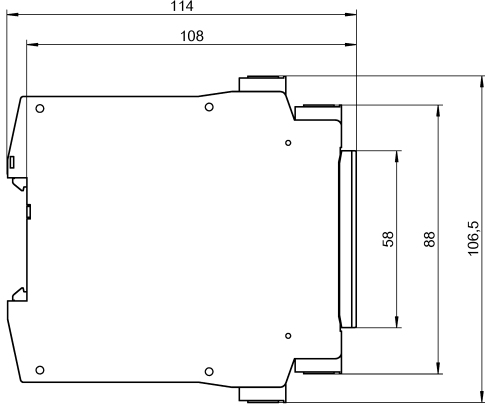
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R1.188.2050.0
R1.188.2080.0
R1.188.2110.0
R1.188.2140.0
R1.188.2170.0
R1.188.2200.0
R1.188.2230.0
R1.188.2260.0
R1.188.2290.0
R1.188.2320.0
R1.188.2350.0
R1.188.2380.0
R1.188.2480.0
R1.188.2510.0
R1.188.2540.0
R1.188.2570.0
R1.188.2600.0
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R1.188.3540.0




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Weitere Angaben siehe KATALOG oder eKatalog. Additional data see CATALOG or eCatalog. [www.wieland-electric.com](http://www.wieland-electric.com)  
[eshop.wieland-electric.com](http://eshop.wieland-electric.com)

ja/yes <input checked="" type="checkbox"/> Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten. Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared																				
Freioleranz nach General tolerance	1. Verwendung / First Use: <input type="checkbox"/> Blatt / Sheet:																			
CAD-Zeichnung, keine manuellen Änderungen CAD-Drawing, no manual modifications allowed																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">Werkstoff / Material</th> <th style="width: 10%;">2014</th> <th style="width: 10%;">Tag / Date</th> <th style="width: 10%;">Name</th> <th style="width: 50%;">Zeichnung Nr. / Drawing No.</th> </tr> <tr> <td>Maßstab/Scale</td> <td>gezeichnet / drawn</td> <td>05.06.</td> <td>Koetznor</td> <td rowspan="2" style="text-align: center; font-size: 1.2em;"><b>T R1.188.3540.0 01K</b></td> </tr> <tr> <td></td> <td>geprüft / checked</td> <td></td> <td></td> </tr> <tr> <td></td> <td>geprüft / checked</td> <td></td> <td></td> <td style="text-align: center;">Maße in mm / Dimensions are in mm</td> </tr> </table>	Werkstoff / Material	2014	Tag / Date	Name	Zeichnung Nr. / Drawing No.	Maßstab/Scale	gezeichnet / drawn	05.06.	Koetznor	<b>T R1.188.3540.0 01K</b>		geprüft / checked				geprüft / checked			Maße in mm / Dimensions are in mm	Datei / File: 036021_001K_R1.188.3540.0.DCD Ersetzt für / Replacement for:
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02.09.16 03.02.15 Index Änderung / Revision	 <a href="http://www.wieland-electric.com">www.wieland-electric.com</a>	Type Benennung / Title Maßbildzeichnung/dimension drawing Standardgehäuse u. -deckel, Baubreite 45mm, Federkraftklemme steckbar, standard housing and cover, overall with 45mm plug-in spring-clamp terminal																		