

Product data sheet

Item No. R1.188.2250.0

Device for monitoring of safety-related circuits SNV4076SL-A 30s AC115-230V

Base unit, single-channel or two-channel control, automatic-/ manual reset with reset switch monitoring, 3 immediate switching current paths, 3 enabling current path off-delayed not retriggerable, 0 - 30s, AC 115-230 V, screw-terminals pluggable



Connection Data

Detachable clamps	Yes
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

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 ² of all current path	25 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	1
Outputs, signalling function, delayed, with contact	0
Outputs, safe, undelayed, with contact	3
Outputs, safe, delayed, with contact	3

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	AC 115-230 V
Rated consumption AC	6.3 VA
Electrical isolation supply circuit - control circuit	Yes
Min. rated control supply voltage at AC 50 Hz	98 V
Max. rated AC voltage for controls, 50 Hz	253 V
Rated control supply voltage at AC 60HZ	98 V
Rated control supply voltage at AC 50HZ	253 V

Dimensions

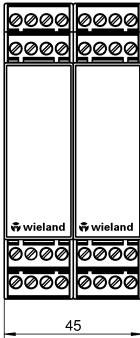
Depth	114 mm
Width	45 mm
Height	96.5 mm

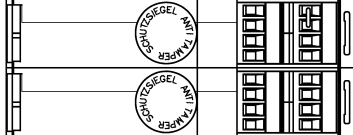
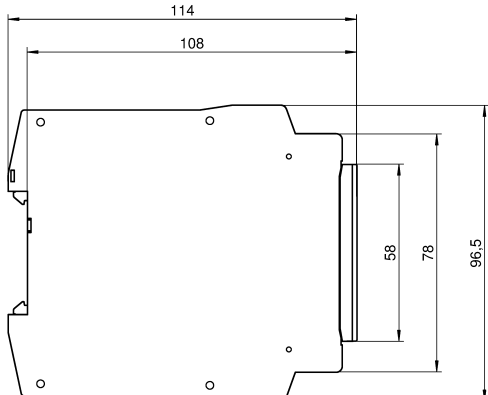
Technical drawing

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Teile-Nr. / Part-No.
R1.188.2040.0
R1.188.2070.0
R1.188.2100.0
R1.188.2130.0
R1.188.2160.0
R1.188.2190.0
R1.188.2220.0
R1.188.2250.0
R1.188.2280.0
R1.188.2310.0
R1.188.2340.0
R1.188.2370.0
R1.188.2470.0
R1.188.2500.0
R1.188.2530.0
R1.188.2560.0
R1.188.2590.0
R1.188.2620.0
R1.188.2650.0
R1.188.2680.0
R1.188.2710.0
R1.188.2740.0
R1.188.2770.0
R1.188.2800.0
R1.188.3120.0
R1.188.3510.0



WENN KEINE ABWICHENDE BESONDERHEITEN ANGEZEIGT, SIND DIE DIMENSIONEN IN MILLIMETER ANZUNEHMEN. DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE INDICATED.

Weitere Angaben siehe KATALOG oder eKatalog. Additional data see CATALOG or eCatalog. www.wieland-electric.com
eshop.wieland-electric.com

ja/yes <input type="checkbox"/> Stoffverbots- und Deklarationsliste nach NN 5020.010 ist einzuhalten. Conformity with Wieland document NN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared		CAD-Zeichnung, keine manuellen Änderungen CAD-Drawing, no manual modifications allowed		1. Verwendung: First Use:		Sheet:	
Freiheiten nach General tolerance		Werkstoff/ Material		2014 Tag/ Date		Name	
		Maßstab/Scale		05.06.		Költzner	
						Zeichnung Nr. / Drawing No.	
						T R1.188.3120.0 01K	
						Maße in mm/Dimensions are in mm	
		Detail/ File: 030021_A01K_R1.188.3120.0.DCD		Ersetzt für/ Replacement for:			
03.02.15		www.wieland		Type		Benennung/ Title	
Index		www.wieland-electric.com				Maßbildzeichnung/dimension drawing Standardgehäuse u. -deckel, Baubreite 45mm, Schraubklemmen steckbar standard housing and cover, overall with 45mm plug-in pcb terminal	

A 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 M1 M2 M3 L C 1 1.1 1.2 1.1