

## Data sheet

Commercial Art.No.: R1.188.4030.0

stand still monitor SVM 4001K-C DC24V

Standstill monitoring unit for 1- and 3-phase motors, enabling current path 2 x1 NO contact, DC 24 V 50-60Hz, push-in terminals pluggable



Commercial Art.No.	R1.188.4030.0
EAN	4049088222306
Order Unit	1

certificates / approvals



## Technical data

### general

function display	4 LED, green/red
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.	-20 °C
ambient temperature max.	55 °C
permissible torque min.	0.5 Nm
permissible torque max.	0.6 Nm
tightening moment	0.6 Nm
wire range cage clamp terminals	2 x 0.25mm <sup>2</sup> - 1.5mm <sup>2</sup>
weight	0.18 kg
standards	EN ISO 13849-1EN 62061; EN 62061
suitable for safety functions	yes
with muting function	no
feedback circuit	no
start contact	no
stop category acc. to IEC 60204	1
rail mounting possible	yes

### connection data

detachable clamps	yes
type of electric connection	spring clamp connection

### safety parameters

category (ISO 13849-1)	4
PL (ISO 13849-1)	level e
SIL <sub>Cl</sub> (IEC 62061)	3
PFD <sub>d</sub> (Low demand mode)	1.8 E-4
PFH <sub>d</sub> (High demand mode)	4 E-8 1/h
HFT	1
DC	90 %
MTTF <sub>d</sub>	77 a
T <sub>M</sub>	20 a
proof test intervall (High demand mode)	20 a
proof test intervall (Low demand mode)	1 a

#### application

model	basic device
suitable for monitoring of magnetic switches	no
suitable for monitoring of proximity switches	no

#### output circuit

enabling paths	normally open contact
contact material	Ag alloy
rated switching voltage, enabling paths AC	230 V
rated switching voltage, enabling paths DC	24 V
max. thermal current I <sub>th</sub> , enabling paths	8 A
application category AC-15 (NO)	Ue 230V, Ie 3A
application category DC-13 (NO)	Ue 24V, Ie 4A
short-circuit protection (NO), max. fuse insert	5 A class gG fuse
mechanical life	20 x 10 <sup>6</sup>
outputs, safe, undelayed, with contact	2

#### control circuit

response time t <sub>A1</sub>	20 ms
release time t <sub>R</sub>	20 ms
evaluation inputs	2-channel

#### supply circuit

nominal voltage U <sub>N</sub>	DC 24 V
rated consumption DC	1.8 W
electrical isolation supply circuit - control circuit	no

#### dimensions

depth	114 mm
width	22.5 mm
height	106.5 mm

#### classification

ECLASS 11	
ECLASS 8.1	27371811

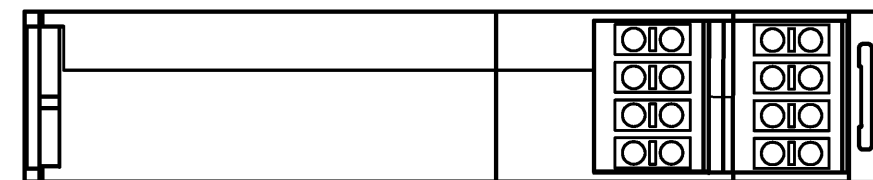
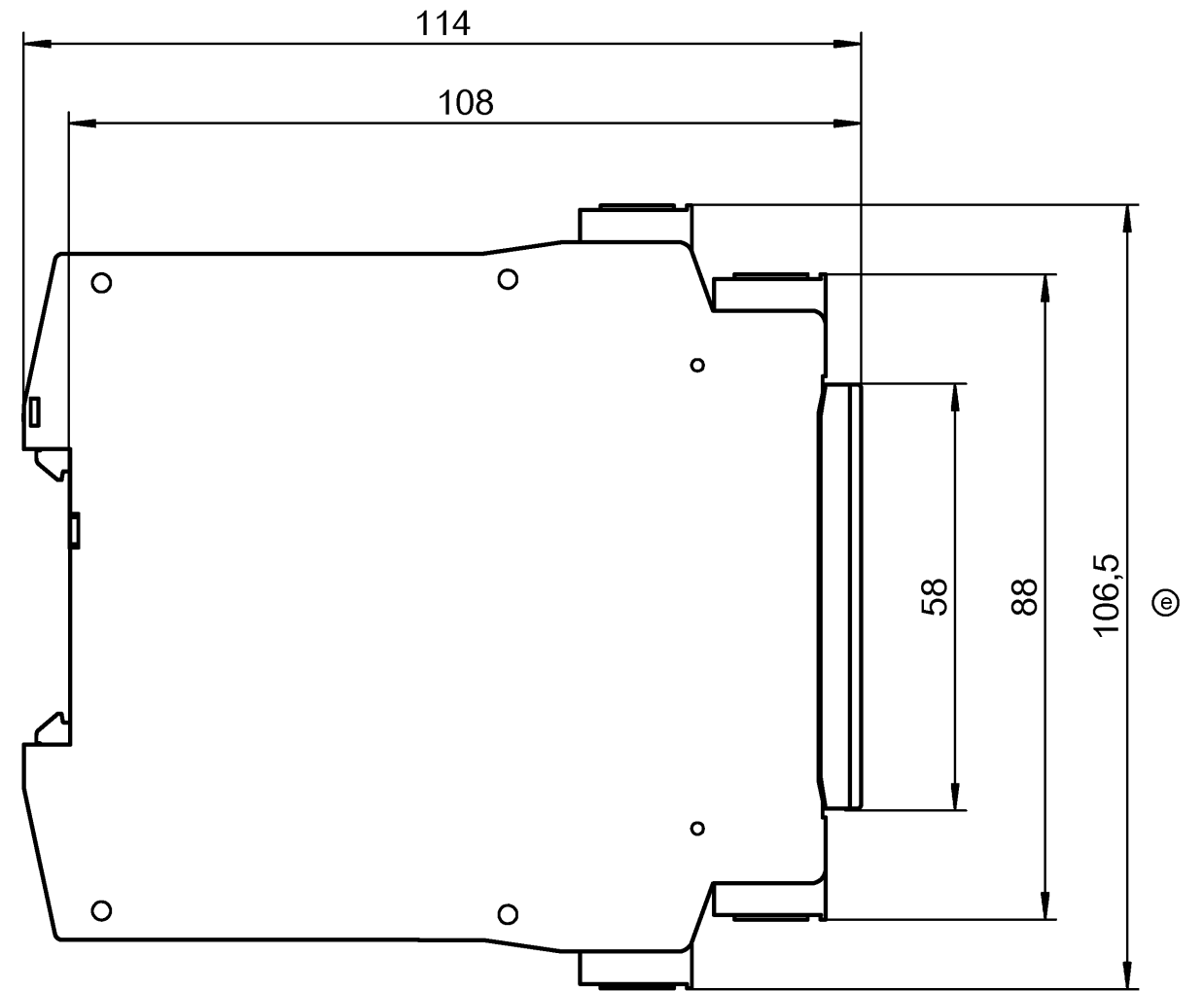
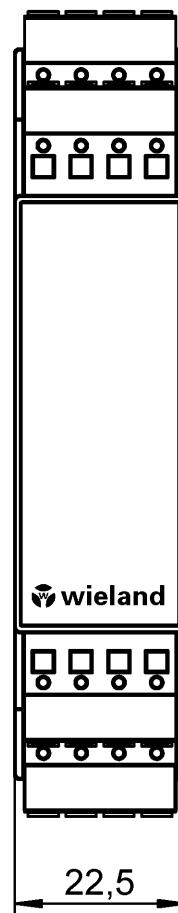
ETIM 9.0	EC001448
ETIM 8.0	EC001448
ETIM 7.0	EC001448
ETIM 6.0	EC001448
ETIM 5.0	EC001448

**product compliance**

ROHS conformity status	compliant
REACH-SVHC conformity status	compliant

Teile Nr. / Part No.
R1.188.1940.0
R1.188.1950.0
R1.188.1960.0
R1.188.1970.0
R1.188.1980.0
R1.188.1990.0
R1.188.2000.0
R1.188.2010.0
R1.188.2020.0
R1.188.2390.0
R1.188.2410.0
R1.188.2420.0
R1.188.2430.0
R1.188.2440.0
R1.188.2450.0
R1.188.3400.0
R1.188.3410.0
R1.188.3420.0
R1.188.3430.0
R1.188.3490.0
R1.188.3600.0

Teile Nr. / Part No.
R1.188.3610.0
R1.188.3630.0
R1.188.3650.0
R1.188.3670.0
R1.188.3730.0
R1.188.3820.0
R1.188.3850.0
R1.188.3860.0
R1.188.3900.0
R1.188.3920.0
R1.188.3940.0
R1.188.4000.0
R1.188.4010.0
R1.188.4030.0
R1.188.4130.0
R1.188.4140.0
R1.188.4150.0
R1.188.4160.0
R1.188.4210.0
R1.188.5000.0



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 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!		1. Verwendung: First Use:		Blatt: Sheet:	
Freitoleranz nach General tolerance		CAD-Zeichnung, keine manuellen Änderungen CAD-Drawing, no manual modifications allowed		Zeichnung Nr./Drawing No. <b>T R1.188.1940.0 01K</b>	
Werkstoff/Material		2014 gezeichnet drawn	Tag/Date 06.06.	Name Koetzner	
Maßstab/Scale		geprüft checked		Maße in mm/Dimensions are in mm	
Datei/File: 036141_F01K.DCD		Ersatz für/Replacement for:			
Datum/Blatt Date/Sheet		Type	Benennung/Title Maßbildzeichnung/Dimension drawing Standardgehäuse u. -deckel, Baubreite 22,5mm, Federkraftklemme steckbar Standard housing and cover, overall width 22,5mm plug-in spring-clamp terminal		
Änderung/Revision		 <a href="http://www.wieland-electric.com">www.wieland-electric.com</a>			

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