

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 x 1 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 ² - 1.5mm ²
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 _{Cl} (IEC 62061)	3
PFD _d (Low demand mode)	1.8 E-4
PFH _d (High demand mode)	4 E-8 1/h
HFT	1
DC	90 %
MTTF _d	77 a
T _M	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 _{th} , 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 ⁶
outputs, safe, undelayed, with contact	2

control circuit

response time t _{A1}	20 ms
release time t _R	20 ms
evaluation inputs	2-channel

supply circuit

nominal voltage U _N	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

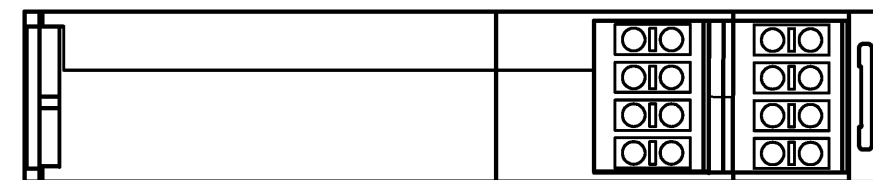
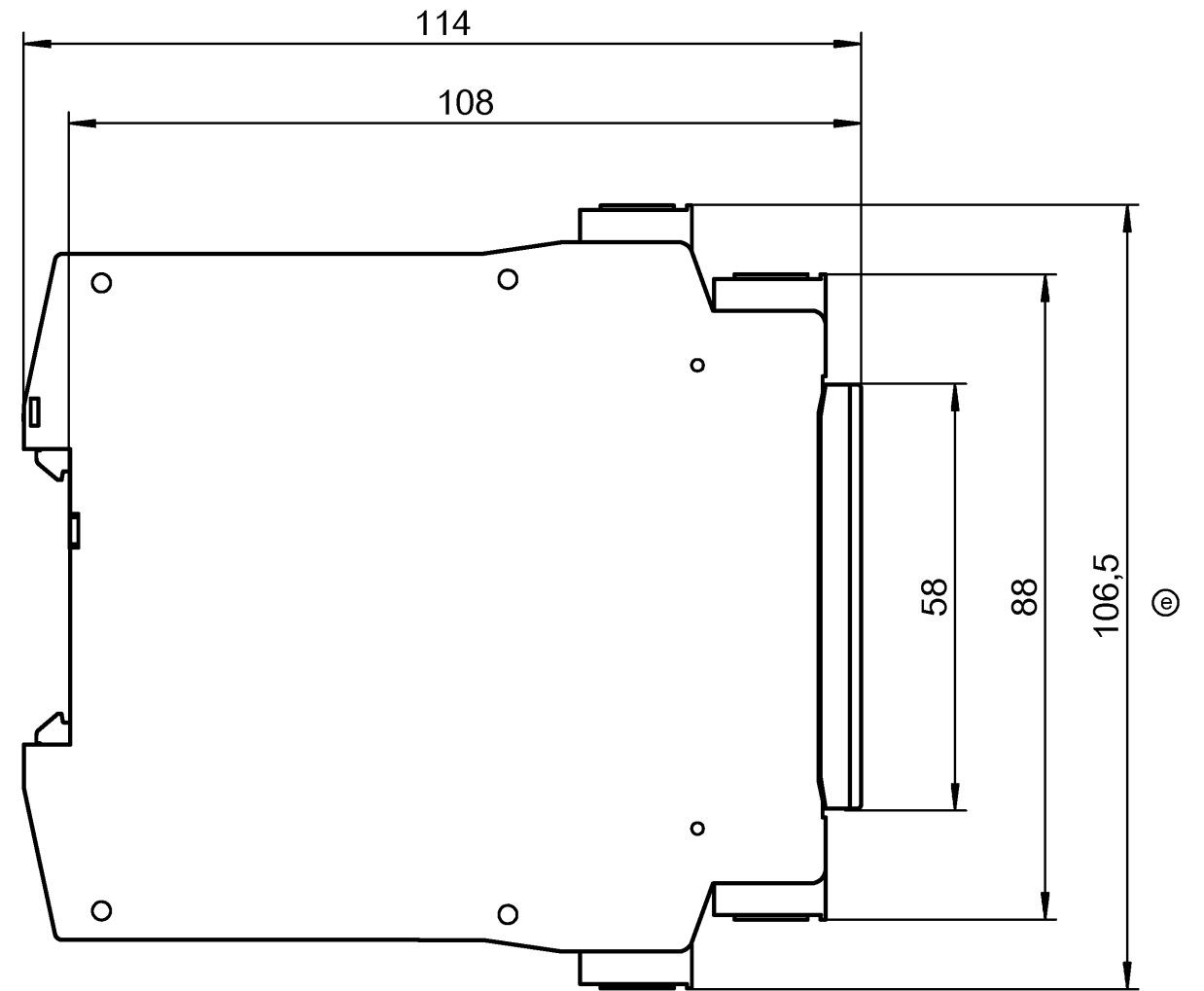
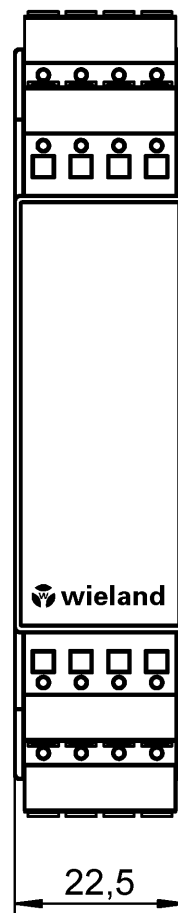
ETIM 9.0	EC001448
ETIM 8.0	EC001448
ETIM 7.0	EC001448
ETIM 6.0	EC001448
ETIM 5.0	EC001448

product compliance

ROHS conformity status	compliant/exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

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
eshop.wieland-electric.com

ja/yes 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!

Freitoleranz nach General tolerance		CAD-Zeichnung, keine manuellen Änderungen CAD-Drawing, no manual modifications allowed		1. Verwendung: First Use:		Blatt: Sheet:	
		Werkstoff/Material		2014	Tag/Date	Name	
(f)	09.08.19	Maßstab/Scale		gezeichnet drawn	06.06.	Koetzner	
(e)	26.08.16			geprüft checked			
(d)	22.04.16			Normgepr. Stand. check			
(c)	03.07.15	Datei/File: 036141_F01K.DCD		Ersatz für/Replacement for:			
(b)	30.06.15	 www.wieland-electric.com		Type	Benennung/Title		
(a)	03.02.15			Maßbildzeichnung/Dimension drawing Standardgehäuse u. -deckel, Baubreite 22,5mm, Federkraftklemme steckbar Standard housing and cover, overall width 22,5mm plug-in spring-clamp terminal			
Index	Datum/Blatt Date/Sheet	Zeichnung Nr./Drawing No. T R1.188.1940.0 01K					
Änderung/Revision		Maße in mm/Dimensions are in mm					

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M3
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12.1
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