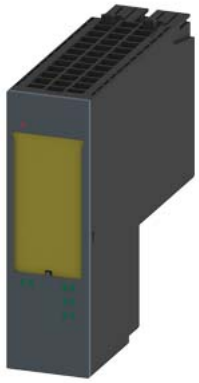
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Data sheet 3RK1903-3BA02



PM-D F PROFISAFE power module for fail-safe motor starter, for fail-safe contact multiplier with 6 shutdown groups for PROFIBUS or PROFINET can be plugged onto TM-PF30 S47-F1 for F-frequency converter 30 mm

product brand name	Safety Module PROFIsafe
product designation	PM-D F PROFISAFE
design of the product	for safety circuits
General technical data	
product function bus communication	Yes
Substance Prohibitance (day/month/year)	05/01/2012
SVHC substance name	Lead CAS-No. 7439-92-1 Lead monoxide (lead oxide) CAS-No. 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one CAS-No. 71868-10-5 Melamine CAS-No. 108-78-1 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol CAS-No. 119-47-1
Net Weight	130.7 g
Safety related data	
safe state	Load circuit open
average diagnostic coverage level (DCavg)	99 %
IEC 62061	
SIL Claim Limit (subsystem) according to EN 62061	3
PFHD with high demand rate according to IEC 62061	1E-13 1/h
ISO 13849	
category according to EN ISO 13849-1	4
IEC 61508	
Safety Integrity Level (SIL)	
• according to IEC 61508	SIL CL 3
safety device type according to IEC 61508-2	Type B
Safe failure fraction (SFF)	99 %
hardware fault tolerance according to IEC 61508	1
T1 value for proof test interval or service life according to IEC 61508	20 a
Electrical Safety	
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe
Control circuit/ Control	
type of voltage of the control supply voltage	DC
control supply voltage at DC rated value	24 V
control supply voltage at DC rated value	20.4 ... 28.8 V
Installation/ mounting/ dimensions	
height	196.5 mm
width	30 mm
depth	117.5 mm

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Approvals Certificates

General Product Approval	EMV	Functional Saftey
CCC, EAC, CE EG-Konf., KC, RCM		TUEV

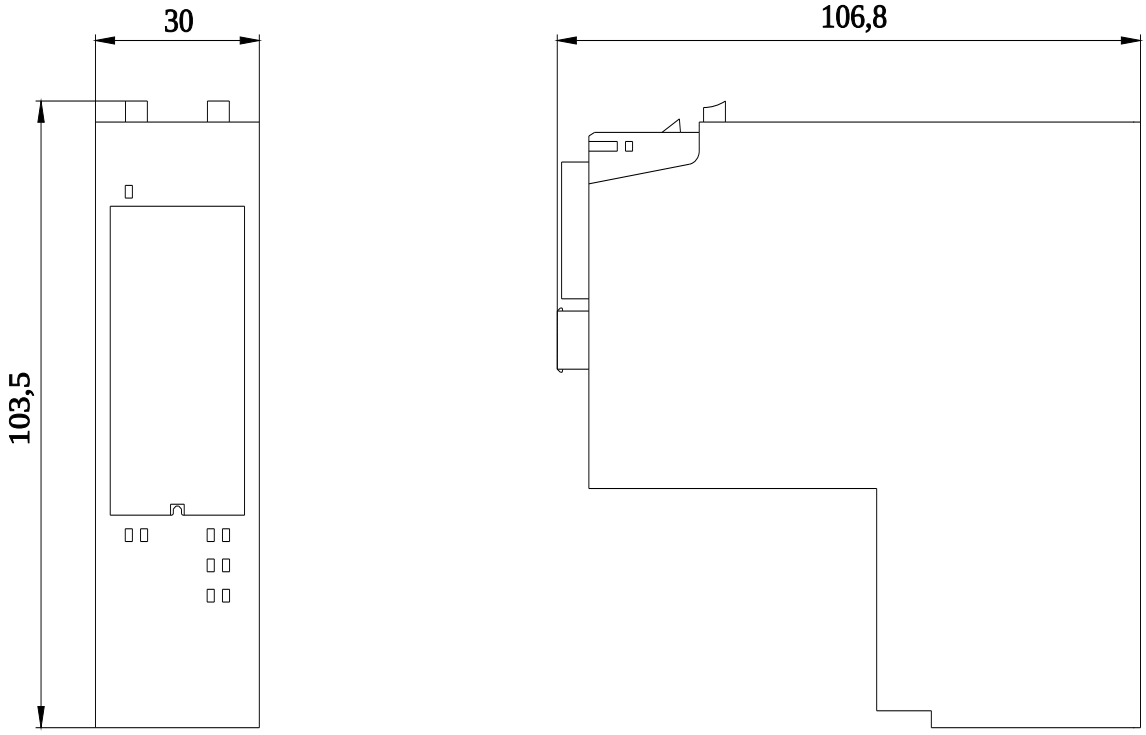
Functional Saftey	Maritime application	other
Type Examination Certificate	ABS, BUREAU VERITAS, DNV, LRS	Confirmation

other	Environment
产品合格 QC PASS	Environmental Confirmations

Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1903-3BA02
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1903-3BA02
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RK1903-3BA02
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1903-3BA02&lang=en
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https://curves.simaris.siemens.com/curves/3RK1903-3BA02

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