

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	
• short circuit protection	No	
Substance Prohibitance (Date)	05/01/2012	
SVHC substance name	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleitanzirkonoxid - 12626-81-2	
Safety related data		
safety device type according to IEC 61508-2	Type B	
safe state	Load circuit open	
Safety Integrity Level (SIL)		
• according to IEC 61508	SIL CL 3	
SIL Claim Limit (subsystem) according to EN 62061	3	
category according to EN ISO 13849-1	4	
average diagnostic coverage level (DCavg)	99 %	
PFHD with high demand rate according to EN 62061	1E-13 1/h	
Safe failure fraction (SFF)	99 %	
Average probability of failure on demand (PFDavg) with low demand rate acc. to IEC 61508	1E-6 1/y	
hardware fault tolerance according to IEC 61508	1	
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	
• rated value	20.4 ... 28.8 V	
Installation/ mounting/ dimensions		
height	196.5 mm	
width	30 mm	
depth	117.5 mm	
General Product Approval	EMC	Functional Safety/Safety of Machinery

[Confirmation](#)



[Type Examination Certificate](#)

Declaration of Conformity	Marine / Shipping	other
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[Confirmation](#)

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

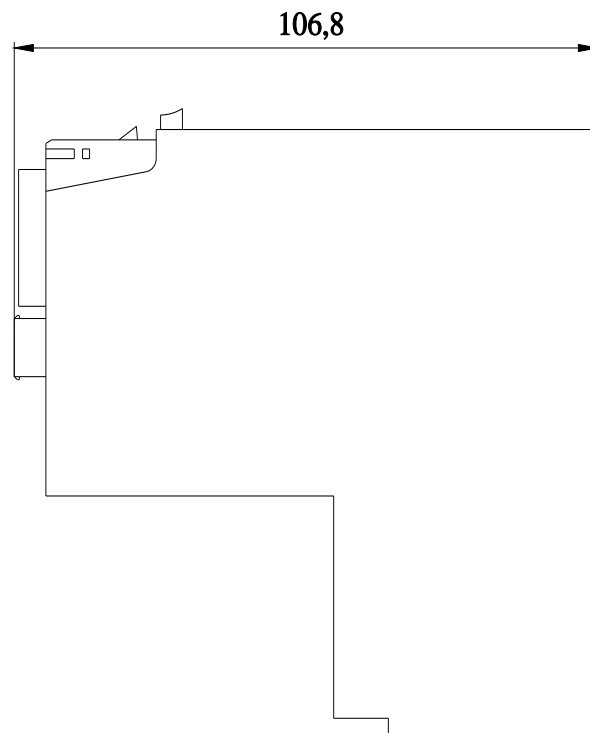
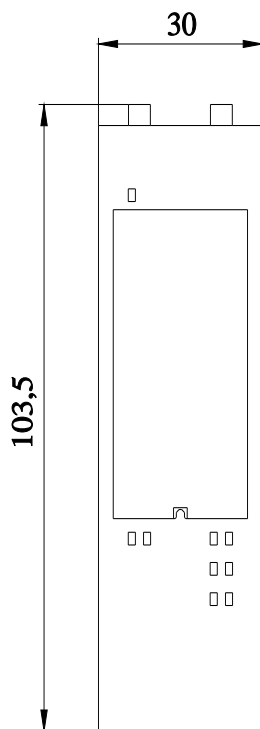
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1903-3BA02>

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, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1903-3BA02&lang=en



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9/5/2023