SIEMENS

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
● short circuit protection	No
Substance Prohibitance (Date)	05/01/2012

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

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
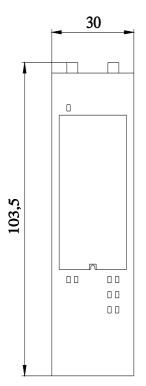**Industry Mall (Online ordering system)**

30

106,8

103,5

last modified: 12/16/2020

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