



PM-D F2 for motor starter power module, Fail-safe up to safety category 4 EN 954-1 for auto start protection door can be plugged onto TM-PF30 S47-B0 -B1 30 mm

product brand name	Local Safety Modules
product designation	PM-D F2
design of the product	for safety circuits
General technical data	
product function	Yes
<ul style="list-style-type: none"> bus communication short circuit protection 	No
mechanical service life (switching cycles) typical	10 000 000
electrical endurance (switching cycles) typical	200 000
Substance Prohibitance (Date)	05/01/2012
Safety related data	
safety device type according to IEC 61508-2	Type B
Safety Integrity Level (SIL)	SIL CL 3
<ul style="list-style-type: none"> according to IEC 61508 	3
SIL Claim Limit (subsystem) according to EN 62061	4
category according to EN ISO 13849-1	99 %
Safe failure fraction (SFF)	99 %
average diagnostic coverage level (DCavg)	0.000000009 1/h
PFHD with high demand rate according to EN 62061	0.000017 1/y
Average probability of failure on demand (PFDavg) with low demand rate acc. to IEC 61508	1
hardware fault tolerance according to IEC 61508	Load circuit open
safe state	IP20
protection class IP on the front according to IEC 60529	finger-safe
touch protection on the front according to IEC 60529	
Control circuit/ Control	
type of voltage of the control supply voltage	DC
control supply voltage at DC	24 V
<ul style="list-style-type: none"> rated value rated value 	20.4 ... 28.8 V
Installation/ mounting/ dimensions	
height	196.5 mm
width	30 mm
depth	117.5 mm
Further information	
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?mfb=3RK1903-1BB00	
Cax online generator	
http://support.automation.siemens.com/WWW/CAXorder/default.aspx?lang=en&mfb=3RK1903-1BB00	

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1903-1BB00>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RK1903-1BB00&lang=en

last modified:

2/3/2022 