

PM-D F5 for motor starter Power module, Fail-safe Extension to PM-D F1 up to F4
Contact multiplier with 4 floating relay contacts 24 V DC max. 3 A per contact can
be plugged onto TM-PF30 S47-D0 30 mm

product brand name	Local Safety Modules
product designation	PM-D F5
design of the product	for safety circuits
General technical data	
product function	
• bus communication	Yes
• short circuit protection	No
mechanical service life (operating cycles) typical	10 000 000
electrical endurance (operating cycles) typical	200 000
Substance Prohibition (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	9E-9 1/h
Safe failure fraction (SFF)	99 %
Average probability of failure on demand (PFDavg) with low demand rate acc. to IEC 61508	1.7E-5 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) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1903-1BE00	
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1903-1BE00	
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RK1903-1BE00	
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1903-1BE00&lang=en	

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