SIEMENS

## Data sheet 3RK1903-3DA00



PM-D FX1 Failsafe power module for MS Failsafe F-RS F-DS for 6 shutdown groups with overvoltage protection 30 mm can be plugged onto TM-PFX30S47-G1 -G0

| | |
|---|---|
| **product brand name** | Local Safety Modules |
| **product designation** | PM-D FX1 |
| **design of the product** | for safety circuits |
| **General technical data** | |
| product function bus communication | Yes |
| **mechanical service life (operating cycles) typical** | 10 000 000 |
| electrical endurance (operating cycles) typical | 200 000 |
| **type of coordination** | 2 |
| **Substance Prohibitance (day/month/year)** | 05/01/2012 |
| **SVHC substance name** | Lead CAS-No. 7439-92-1<br>Lead monoxide (lead oxide) CAS-No. 1317-36-8<br>2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one CAS-No. 71868-10-5<br>Melamine CAS-No. 108-78-1 |
| **Net Weight** | 0.107 kg |
| **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** | 6E-11 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 |


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| | |
|---|---|
| **width** | 30 mm |
| **depth** | 117.5 mm |

## Approvals Certificates

| General Product Approval | EMV |
|---|---|

| Functional Saftey | Test Certificates | other | | Environment |
|---|---|---|---|---|
| Type Examination Certificate | Type Test Certificates/Test Report | Confirmation | 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=3RK1903-3DA00
**Cax online generator**
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1903-3DA00
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3RK1903-3DA00
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1903-3DA00&lang=en
**Kennlinien**
https://curves.simaris.siemens.com/curves/3RK1903-3DA00

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