SIEMENS

## Data sheet 3UF7150-1AA00-0




Decoupling module for installation upstream of the current/voltage measuring module at the system interface for application in ungrounded supply systems

| | |
|---|---|
| **product brand name** | SIMOCODE |
| **product designation** | Decoupling module |
| **product type designation** | 3UF7 |
| **General technical data** | |
| **product component** | |
| ● input for thermistor connection | No |
| **insulation voltage** | |
| ● for wires of main circuit according to IEC 60947-1 rated value | 6 kV |
| **surge voltage resistance rated value** | 4 000 V |
| **vibration resistance** | 1 … 6 Hz / 15 mm; 6 … 500 Hz / 2 g |
| **reference code according to IEC 81346-2** | Q |
| **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<br>6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol CAS-No. 119-47-1 |
| **Net Weight** | 0.114 kg |
| **Electromagnetic compatibility** | |
| EMC emitted interference according to IEC 60947-1 | class A |
| EMC immunity according to IEC 60947-1 | corresponds to degree of severity 3 |
| **conducted interference** | |
| ● due to burst according to IEC 61000-4-4 | 1 kV |
| ● due to conductor-earth surge according to IEC 61000-4-5 | 2 kV |
| ● due to conductor-conductor surge according to IEC 61000-4-5 | 1 kV |
| **field-based interference according to IEC 61000-4-3** | 10 V/m |
| **Inputs/ Outputs** | |
| **number of outputs as contact-affected switching element** | 0 |
| **Protective and monitoring functions** | |
| **product function** | |
| ● voltage detection | No |
| **product function** | |
| ● current detection | No |
| **Installation/ mounting/ dimensions** | |
| **mounting position** | any |
| **fastening method** | screw and snap-on mounting |
| **height** | 92 mm |
| **width** | 22.5 mm |


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| | |
|---|---|
| **depth** | 124 mm |
| **Connections/ Terminals** | |
| **type of electrical connection** | |
| ● for main current circuit | straight-through transformers |
| ● for auxiliary and control circuit | screw-type terminals |
| **Ambient conditions** | |
| **installation altitude at height above sea level** | |
| ● 3 maximum | 4 000 m |
| **ambient temperature** | |
| ● during operation | -25 ... +60 °C |
| ● during storage | -40 ... +80 °C |
| ● during transport | -40 ... +80 °C |
| **environmental category** | |
| ● during operation according to IEC 60721 | 3K6 (no formation of ice, no condensation, relative humidity 10 ... 95%), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6 |
| ● during storage according to IEC 60721 | 1K6 (no condensation, relative humidity 10 ... 95%), 1C2 (no salt mist), 1S2 (sand must not get into the devices), 1M4 |
| ● during transport according to IEC 60721 | 2K2, 2C1, 2S1, 2M2 |
| relative humidity during operation | 5 ... 95 % |
| IEC 61508 | |
| Safety Integrity Level (SIL) according to IEC 61508 | 1 |

**Approvals Certificates**

| Environment | General Product Approval | | | | |
|---|---|---|---|---|---|
| Environmental Confirmations | cULus | UL | EAC | CE EG-Konf. | UKCA |

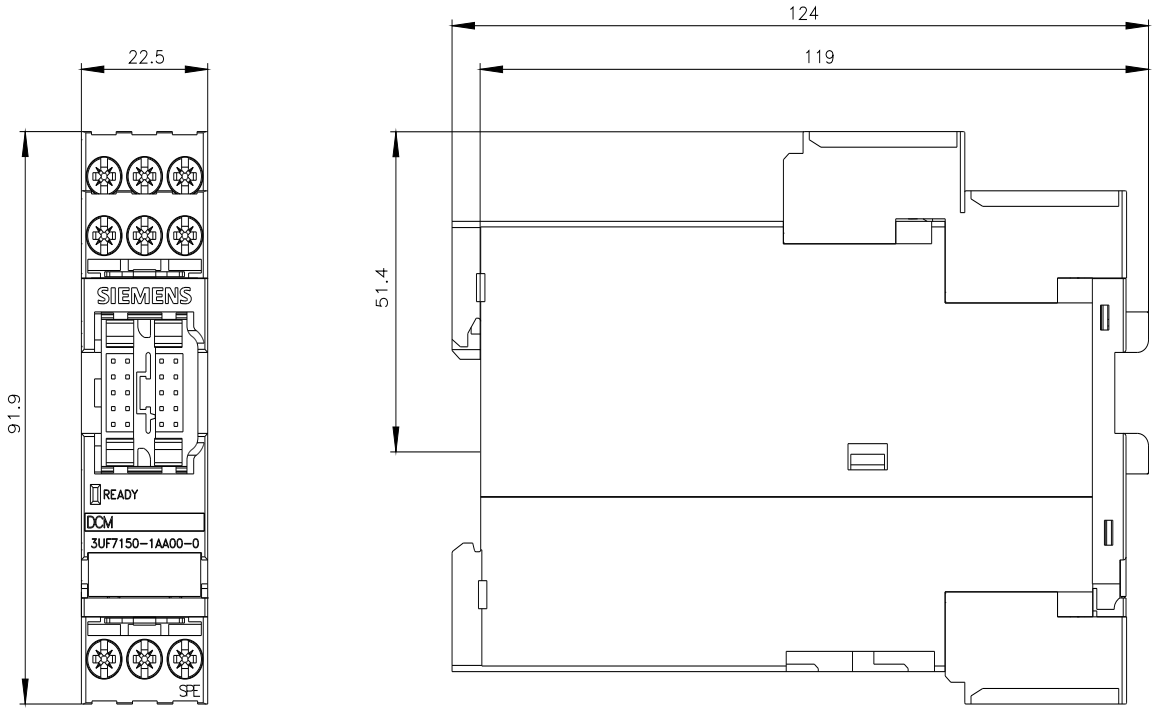
| EMV | | For use in hazardous locations | Test Certificates | Maritime application | |
|---|---|---|---|---|---|
| KC | RCM | ATEX | Type Test Certificates/Test Report | ABS | DNV |

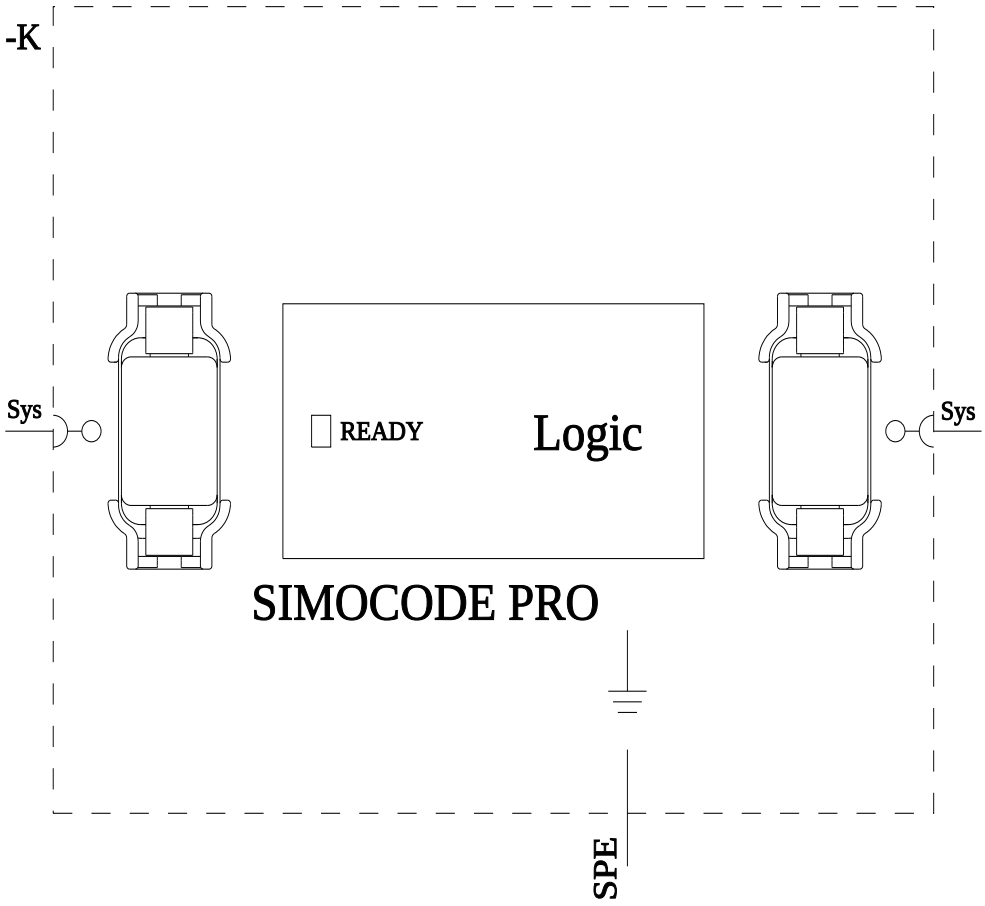
| other | | Industrial Communication |
|---|---|---|
| Confirmation | 产品合格 QC PASS | Profibus |

**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=3UF7150-1AA00-0
**Cax online generator**
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3UF7150-1AA00-0
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3UF7150-1AA00-0
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3UF7150-1AA00-0&lang=en


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