## **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	SIRIUS
product designation	Decoupling module
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 (Date)	05/01/2012
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1
Weight	0.135 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	
<ul> <li>due to burst according to IEC 61000-4-4</li> </ul>	1 kV
<ul> <li>due to conductor-earth surge according to IEC 61000-4-5</li> </ul>	2 kV
<ul> <li>due to conductor-conductor surge according to IEC 61000-4-5</li> </ul>	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
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	
<ul> <li>during operation</li> </ul>	-25 +60 °C
<ul> <li>during storage</li> </ul>	-40 +80 °C
during transport	-40 +80 °C
environmental category	
<ul> <li>during operation according to IEC 60721</li> </ul>	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
<ul> <li>during transport according to IEC 60721</li> </ul>	2K2, 2C1, 2S1, 2M2
relative humidity during operation	5 95 %
Approvals Certificates	

**General Product Approval** 

EMV











<u>KC</u>

For use in hazardous locations

**Test Certificates** 

Maritime application



Special Test Certificate

Type Test Certificates/Test Report







other

**Environment** 

**Industrial Communication** 



Confirmation

Environmental Confirmations



Profibus

## Further information

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)

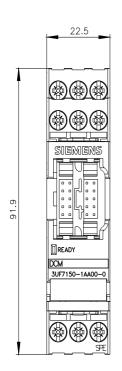
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3UF7150-1AA00-0

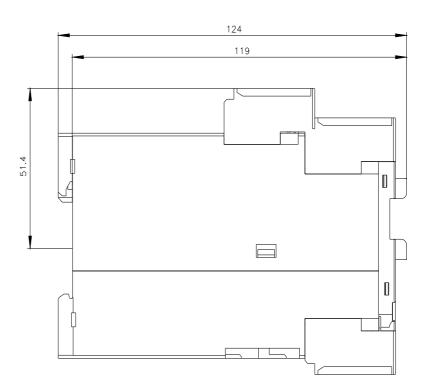
Cax online generator

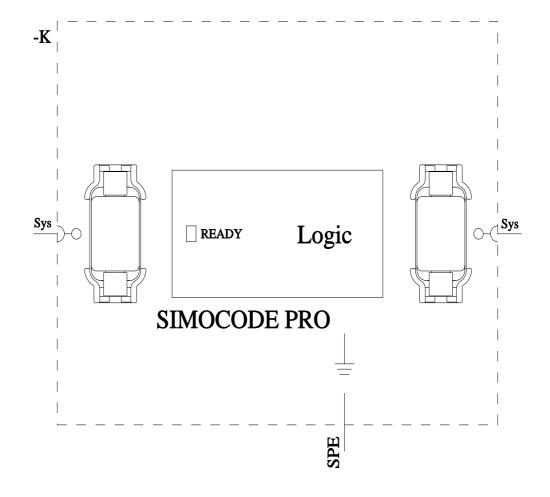
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3UF7150-1AA00-0

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3UF7150-1AA00-0&lang=en







last modified:

4/2/2025

