SIEMENS

Data sheet 3UF7103-1AA00-0



Current measuring module, Set current 20...200 A overall width 120 mm, straight-through transformer

product brand name	SIRIUS
product designation	Current measuring module
General technical data	
product function	
 current measurement 	Yes
 voltage measurement 	No
 active power measurement 	No
 power measurement 	No
frequency measurement	No
product component	
input for thermistor connection	No
insulation voltage	
 with degree of pollution 3 at AC rated value 	690 V
• for wires of main circuit acc. to IEC 60947-1 rated value	8 kV
surge voltage resistance rated value	8 000 V
protection class IP	IP20
shock resistance acc. to IEC 60068-2-27	15g / 11 ms
vibration resistance	1-6 Hz / 15 mm; 6-500 Hz / 2 g
reference code acc. to IEC 81346-2	F
Substance Prohibitance (Date)	01.07.2006 00:00:00
certificate of suitability	
according to ATEX directive 2014/34/EU	BVS 06 ATEX F001
explosion device group and category according to ATEX directive 2014/34/EU	II (2) G, II (2) D, I (M2)
Electromagnetic compatibility	
EMC emitted interference acc. to IEC 60947-1	class A
EMC immunity acc. to IEC 60947-1	corresponds to degree of severity 3
conducted interference	
due to burst acc. to IEC 61000-4-4	2 kV
 due to conductor-earth surge acc. to IEC 61000-4-5 	2 kV
 due to conductor-conductor surge acc. to IEC 61000-4-5 	1 kV
field-based interference acc. 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	
power factor monitoring	No

• ground-fault monitoring • voltage detection • voltage detection • current detection • overload protection • overload protection • overload protection ** **Test	
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Main circuit	
number of poles for main current circuit 3	
adjustable current response value current of the current-dependent overload release	
operating voltage	
• at AC	
— at 50 Hz rated value 110 690 V	
— at 60 Hz rated value 110 690 V	
operating frequency rated value 50 60 Hz	
Control circuit/ Control	
type of voltage AC	
Certificates/ approvals	
General Product Approval EMC For use in our locat	



















Type Test Certificates/Test Report

Special Test Certificate



Marine / Shipping

other







Confirmation



PROFINET-Certification

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?mlfb=3UF7103-1AA00-0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3UF7103-1AA00-0

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

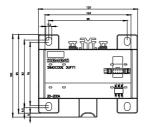
https://support.industry.siemens.com/cs/ww/en/ps/3UF7103-1AA00-0

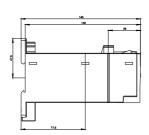
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

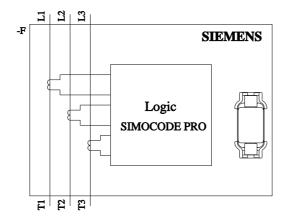
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3UF7103-1AA00-0&lang=en

Test report No. A0258, protective separation

https://support.industry.siemens.com/cs/ww/en/view/109748152







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