

CURRENT MEASURING MODULE; SET CURRENT
63...630A; OVERALL WIDTH 145MM; BUS BAR
CONNECTION



product brand name	SIRIUS
Product designation	current measuring module

General technical data:

Insulation voltage		
• Rated value	V	1 000
Vibration resistance		1-6 Hz / 15 mm; 6-500 Hz / 2 g
Surge voltage resistance Rated value	V	8 000
Protection class IP		IP00
Equipment marking		
• acc. to DIN EN 61346-2		F
• acc. to DIN EN 81346-2		F

Electromagnetic compatibility:

EMC emitted interference		
• acc. to IEC 60947-1		class A
EMI 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
Conducted interference due to conductor-earth surge acc. to IEC 61000-4-5		2 kV
Conducted interference due to conductor-conductor surge acc. to IEC 61000-4-5		1 kV
Field-bound parasitic coupling acc. to IEC 61000-4-3		10 V/m

Inputs/ Outputs:

Number of outputs as contact-affected switching element		0
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Communication/ Protocol:		
Product function Bus communication		No
Installation/ mounting/ dimensions:		
mounting position		any
Mounting type		direct mounting / stand-alone installation
Height	mm	147
Width	mm	145
Depth	mm	148
Connections/ Terminals:		
Type of electrical connection		busbar connection
<ul style="list-style-type: none"> • for main current circuit 		
Product function		No
<ul style="list-style-type: none"> • removable terminal for auxiliary and control circuit 		
Ambient conditions:		
Installation altitude at height above sea level maximum	m	4 000
Ambient temperature		
<ul style="list-style-type: none"> • during operation 	°C	-25 ... +60
<ul style="list-style-type: none"> • during storage 	°C	-40 ... +80
<ul style="list-style-type: none"> • during transport 	°C	-40 ... +80
Relative humidity during operation	%	5 ... 95
Safety related data:		
Protection against electrical shock		finger-safe
Main circuit:		
Number of poles for main current circuit		3
Adjustable response value current of the current-dependent overload release	A	63 ... 630
Operating voltage		
<ul style="list-style-type: none"> • with AC 		
<ul style="list-style-type: none"> — at 50 Hz Rated value 	V	110 ... 690
<ul style="list-style-type: none"> — at 60 Hz Rated value 	V	110 ... 690
Operating frequency Rated value	Hz	50 ... 60
Control circuit/ Control:		
Type of voltage of the control supply voltage		AC
Certificates/ approvals:		

General Product Approval	EMC	For use in hazardous locations
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For use in hazardous locations	Test Certificates	Shipping Approval
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[Explosion Protection Certificate](#)

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[Declaration of the Compliance with the order](#)



other

[Confirmation](#)

[Declaration of Conformity](#)

[PROFISafe-Certification](#)



Profibus

[PROFINET-Certification](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

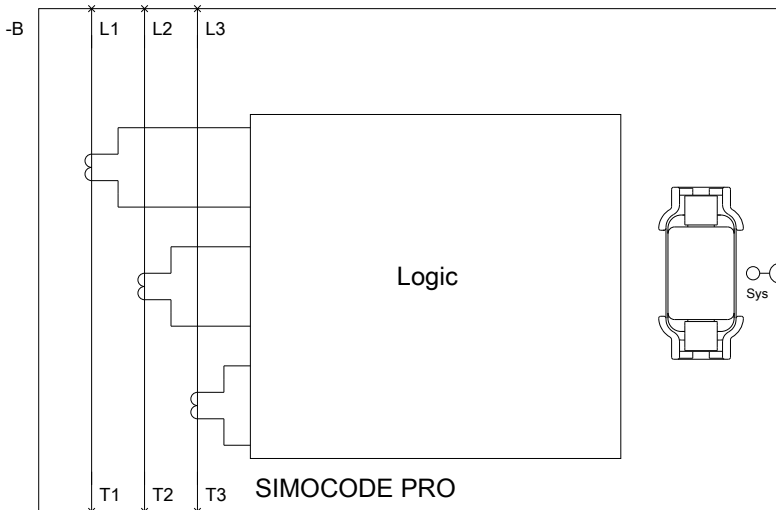
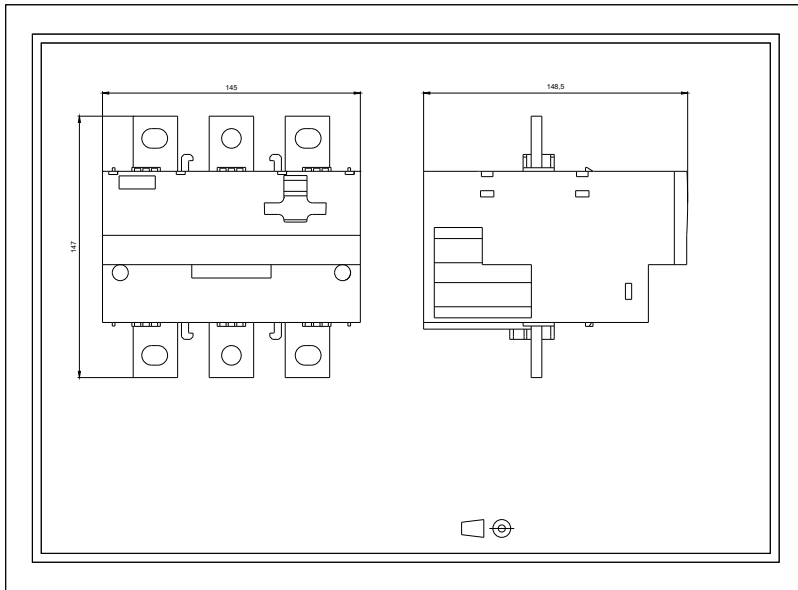
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3UF71041BA000>

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

<http://support.automation.siemens.com/WW/view/en/3UF71041BA000/all>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3UF71041BA000&lang=en



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09.03.2015