

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



General technical data:		
product brand name		SIRIUS
product designation		current measuring module
Protection class IP		IP00
mounting position		any
EMC immunity to interference / according to IEC 60947-1		corresponds to degree of severity 3
Conductor-bound parasitic coupling BURST		2 kV
Conductor-bound parasitic coupling conductor-earth SURGE / according to IEC 61000-4-5		2 kV
Conductor-bound parasitic coupling conductor-conductor SURGE / according to IEC 61000-4-5		1 kV
Field-bound parasitic coupling / according to IEC 61000-4-3		10 V/m
EMC emitted interference / according to IEC 60947-1		class A
Resistance against vibration		1-6 Hz / 15 mm; 6-500 Hz / 2 g
Impulse voltage resistance / rated value	V	8,000
Insulation voltage / rated value	V	1,000
Number of outputs / as contact-affected switching element		0
Adjustable response current		
• of the current-dependent overload release		
• initial value	A	63
• final value	A	630

<b>Product component</b>		
• input for thermistor connection		No
<b>Product function</b>		
• voltage detection		No
• current detection		Yes
<b>Item designation</b>		
• according to DIN EN 61346-2		F
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		F

#### Communication:

<b>Product function</b>		
• bus-communication		No

#### Main circuit:

<b>Number of poles / for main current circuit</b>		3
<b>Operating frequency</b>		
• rated value	Hz	50 ... 60
<b>Operating voltage</b>		
• at 50 Hz / at AC / rated value	V	110 ... 690
• at 60 Hz / at AC / rated value	V	110 ... 690

#### Control circuit:

<b>Type of voltage</b>		
• of the controlled supply voltage		AC

#### Installation/mounting/dimensions:

<b>Type of mounting</b>		direct mounting / stand-alone installation
<b>Width</b>	mm	145
<b>Height</b>	mm	147
<b>Depth</b>	mm	148

#### Connections:










<b>Product function</b>		
• removable terminal for auxiliary and control circuit		No
<b>Design of the electrical connection</b>		
• for main current circuit		busbar connection

#### Ambient conditions:

<b>Installation altitude / at a height over sea level / maximum</b>	m	4,000
<b>Ambient temperature</b>		
• during storage	°C	-40 ... +80

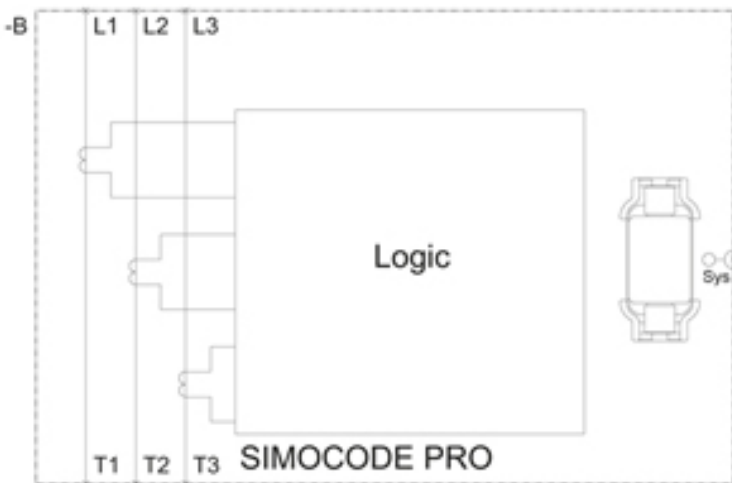
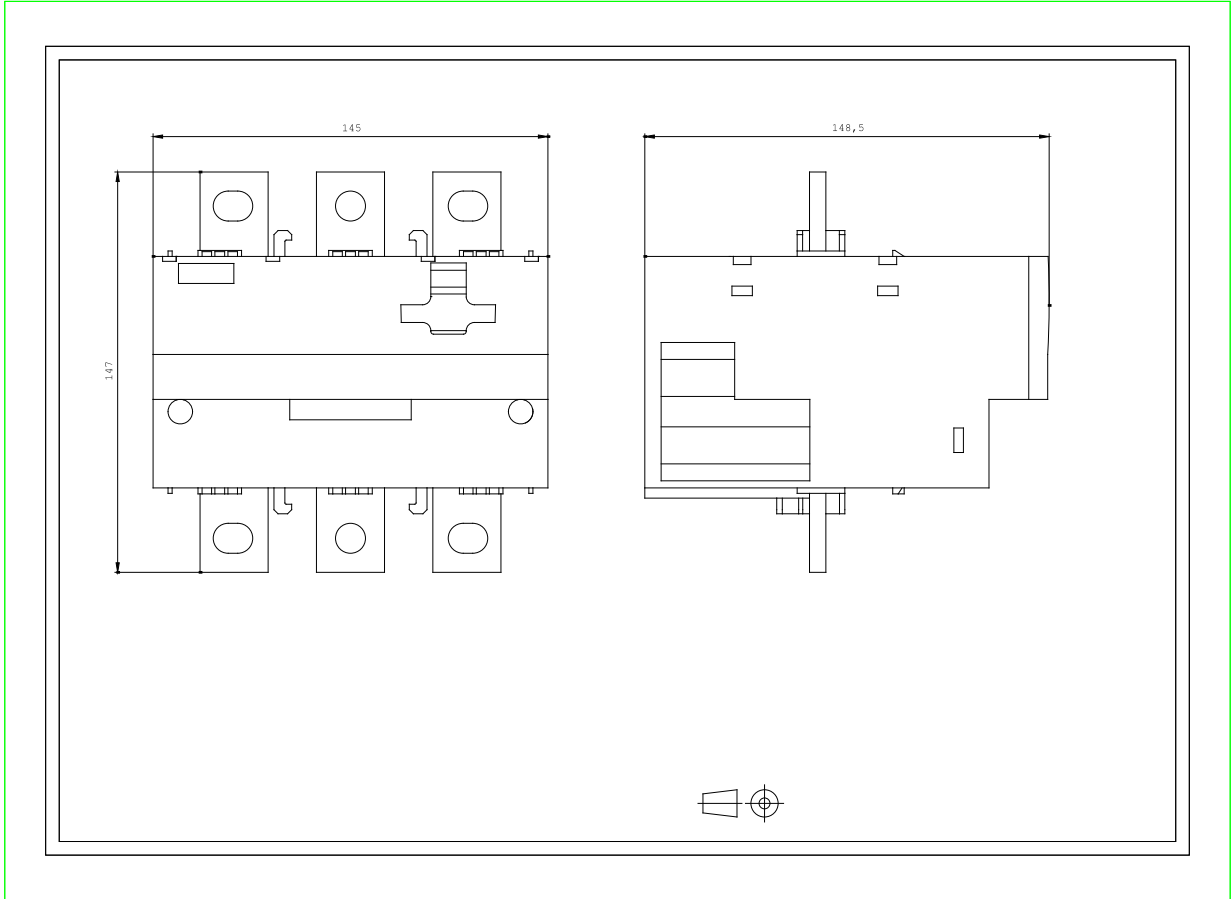
• during operating	°C	-25 ... +60
• during transport	°C	-40 ... +80
<b>Relative humidity / during operating phase</b>	%	5 ... 95

Certificates/approvals:	
<b>Verification of suitability</b>	CE / UL / CSA / CCC / C-TICK / GOST / NOM / ATEX / NEPSI / ABS / DNV / GL / LRS / RoHS

Certificates/approvals:					
General Product Approval				EMC	
 CCC	 CSA	 GOST	 UL	 C-TICK	
For use in hazardous locations		Test Certificates		Shipping Approval	
 ATEX	<a href="#">Explosion Protection Certificate</a>	<a href="#">Special Test Certificate</a>		 ABS	 DNV
other					
<a href="#">Confirmation</a>	<a href="#">Declaration of Conformity</a>	 Profibus	<a href="#">PROFINET-Certification</a>	<a href="#">PROFISafe-Certification</a>	<a href="#">other</a>

Safety:	
<b>Protection against electrical shock</b>	finger-safe

Further information:	
<b>Information- and Downloadcenter (Catalogs, Brochures,...)</b> <a href="http://www.siemens.com/industrial-controls/catalogs">http://www.siemens.com/industrial-controls/catalogs</a>	
<b>Industry Mall (Online ordering system)</b> <a href="http://www.siemens.com/industrial-controls/mall">http://www.siemens.com/industrial-controls/mall</a>	
<b>Cax online generator</b> <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>	
<b>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)</b> <a href="http://support.automation.siemens.com/WWW/view/en/3UF7104-1BA00-0/all">http://support.automation.siemens.com/WWW/view/en/3UF7104-1BA00-0/all</a>	
<b>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)</b> <a href="http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3UF7104-1BA00-0">http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3UF7104-1BA00-0</a>	



last change:

Feb 18, 2013