## **SIEMENS**

Data sheet 3UF7110-1AA01-0



Current/voltage measuring module V2; Set current  $0.3 \dots 4$  A, Voltage measurement up to 690 V, Overall width 45 mm, Straight-through transformer, basic unit required pro V PB, pro V MR, pro V PN or pro V EIP

product brand name	SIRIUS
product designation	Current/voltage measuring module
General technical data	
measuring procedure	RMS value measurement
size of the circuit-breaker	S00, S0
product function	
current measurement	Yes
<ul> <li>voltage measurement</li> </ul>	Yes
<ul> <li>active power measurement</li> </ul>	Yes
<ul> <li>energy measurement</li> </ul>	Yes
<ul> <li>frequency measurement</li> </ul>	Yes
measuring procedure for current measurement	TRMS
current measuring range extension with external current transformers	Yes
measuring procedure for voltage measurement	TRMS
measurable supply voltage between the line conductors at AC maximum rated value	690 V
product component	
<ul> <li>input for thermistor connection</li> </ul>	No
consumed active power	0.5 W
insulation voltage	
<ul> <li>with degree of pollution 3 at AC rated value</li> </ul>	690 V
<ul> <li>for wires of main circuit according to IEC 60947-1 rated value</li> </ul>	6 kV
surge voltage resistance rated value	6 000 V
shock resistance according to IEC 60068-2-27	15g / 11 ms; with basic unit snapped on
vibration resistance	1-6 Hz / 15 mm; 6-500 Hz / 2 g; with basic unit snapped on: 1g
reference code according to IEC 81346-2	F
Substance Prohibitance (Date)	05/28/2009
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5
Weight	0.203 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>	2 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

number of outputs as contact-affected switching element					
Protective and monitoring functions         product function           • power factor monitoring         Yes           • ground-fault monitoring         Yes           • voltage detection         Yes           trip class         CLASS 5E           product function         • overload protection           • overload protection         Yes           Precision         * overload protection           * of frequency measurement         * √ 1.5 %, 0.25 A 8 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages) 5.060 bt.2, 25 °C           • for current measurement 1         * √ 1.5 %, in range 0.25 A 8 A, in range 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 5.060 bt.2, 25 °C           • for voltage measurement 2         * √ 1.5 %, in range 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 5.060 bt.2, 25 °C           • at cos phi-measurement 1         * √ 1.5 %, in range 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 5.060 bt.2, 25 °C           • at cos phi-measurement 2         * √ 1.5 %, in range 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 5.060 bt.2, 25 °C           • at active power measurement 1         * √ 1.5 %, 0.4 A 8 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 5.060 bt.2, 25 °C           • at active power measurement 2         * √ 1.5 %, 0.4 A 8 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 5.060 bt.2, 25 °C           • at active power measurement 2         * √ 1.5 %, 0.25 A 8 A, 0.85 x 110 V 1.1					
• power factor monitoring • ground-fault monitoring • voltage detection  * ves  * product function • current detection • overload protection  * overload protection  * overload protection  * of frequency measurement • of frequency measurement • of rocurrent measurement 1 • for current measurement 2 • for current measurement 2 • for voltage measurement 1 • overload protection • overload protection  * overload p					
• ground-fault monitoring • voltage detection Yes  CLASS 5E  product function • current detection • overload protection  Procision  measuring precision • of frequency measurement • of requency measurement • for current measurement 1 • for current measurement 2 • for outrage measurement 1 • for voltage measurement 1 • at cos phi-measurement 1 • at active power measurement 2 • at energy measurement 2 • at energy measurement 1 • at energy measurement 2 • at energy measurement 1 • at a parent power measurement 2 •					
• voltage detection  **rip class  **product function  • current detection  • overload protection  **Pes  **Precision  **measuring precision  • of frequency measurement  • for current measurement 1  • for current measurement 1  • for current measurement 2  • for or current measurement 1  • for or current measurement 2  • for or current measurement 1  • for or current measurement 2  • for or current measurement 1  • for or current measurement 2  • for or current measurement 1  • for or current measurement 2  • for or current measurement 1  • for or current measurement 2  • for or current measurement					
trip class  product function  • current detection • overload protection  Precision  measuring precision  • of frequency measurement • of frequency measurement • for current measurement 1 • for current measurement 2 • for current measurement 2 • for voltage measurement 1 • at cos phi-measurement 2 • at cos phi-measurement 2 • at cos phi-measurement 2 • at active power measurement 2 • at active power measurement 1 • at active power measurement 1 • at active power measurement 2 • at a tenergy measurement 1 • at energy measurement 1 • at a tenergy measurement 2 • at a tenergy measurement 1 • at a tenergy measurement 2 • at a tenergy measurement 1 • at a tenergy measurement 2 • at a tenergy measurement 2 • at a tenergy measurement 2 • at a tenergy measurement 1 • at a tenergy measurement 2 • at tenergy measurement 3 • at tenergy measurement 4 • at tenergy measurement 5 • at tenergy measurement 6 • at tenergy measurement 7 • at tenergy measurement 8 • at tenergy measurement 9 • at tenergy					
product function					
• current detection Yes • overload protection  Precision  measuring precision  • of frequency measurement • for current measurement 1 • for current measurement 1 • for current measurement 2 • for current measurement 2 • for other measurement 1 • for other measurement 2 • for other measurement 1 • for other measurement 2 • for other measurement 2 • for other measurement 3 • for other measurement 4 • for other measurement 5 • for other measurement 6 • for other measurement 7 • for other measurement 1 • for voltage measurement 1 • for voltage measurement 1 • at cos phi-measurement 1 • at cos phi-measurement 1 • at cos phi-measurement 2 • at active power measurement 2 • at active power measurement 1 • at active power measurement 1 • at active power measurement 2 • at active power measurement 2 • at active power measurement 2 • at active power measurement 1 • at active power measurement 2 • at active power measurement 1 • at active power measurement 2 • at active power measurement 1 • at active power measurement 2 • at apparent power measurement 1 • at apparent power measurement 2 • at apparent power measurement 1 • at apparent power measurement 2 • at apparent power measurement 2 • at apparent power measurement 1 • at apparent power measurement 2 • at apparent power measurement 1 • at apparent power measurement 2					
• overload protection					
Precision           ● of frequency measurement         #/- 1.5 %, 0.25 A 8 A, 0.85 x 110 V 1.1 x 690 V (line-to-line volphi (0.51), 50/60 Hz, 25 °C           ● for current measurement 1         #/- 1.5 %, in range 0.25 A 8 A, in range 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 50/60 Hz, 25 °C           ● for current measurement 2         #/- 1.5 %, in range 8 A 32 A, in range 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 50/60 Hz, 25 °C           ● for voltage measurement 1         #/- 1.5 %, in range 0.85 x 110 V 1.1 x 690 V (line-to-line voltages 25 °C           ● at cos phi-measurement 2         #/- 1.5 %, 0.4 A 8 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltage (0.51), 50/60 Hz, 25 °C           ● at active power measurement 2         #/- 5 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltage (0.51), 50/60 Hz, 25 °C           ● at active power measurement 2         #/- 5 %, 0.25 A 8 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltage (0.51), 50/60 Hz, 25 °C           ● at active power measurement 2         #/- 10 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltage (0.51), 50/60 Hz, 25 °C           ● at energy measurement 1         #/- 5 %, 0.25 A 8 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltage (0.51), 50/60 Hz, 25 °C           ● at apparent power measurement 2         #/- 10 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltage (0.51), 50/60 Hz, 25 °C           ● at apparent power measurement 1         #/- 5 %, 0.25 A 8 A, 0.85 x 110 V 1.1 x 690 V (line-to-l					
## wasuring precision    • of frequency measurement					
<ul> <li>of frequency measurement</li> <li>+/- 1.5 %, 0.25 A 8 A, 0.85 x 110 V 1.1 x 690 V (line-to-line void phi (0.51), 50/60 Hz, 25 °C</li> <li>for current measurement 1</li> <li>+/- 1.5 %, in range 0.25 A 8 A, in range 0.85 x 110 V 1.1 x 690 V (line-to-line void line voltages), 50/60 Hz, 25 °C</li> <li>for voltage measurement 2</li> <li>+/- 3%, in range 8 A 32 A, in range 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 50/60 Hz, 25 °C</li> <li>for voltage measurement 1</li> <li>+/- 1.5 %, in range 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 50/60 Hz, 25 °C</li> <li>at cos phi-measurement 2</li> <li>+/- 1.5 %, in range 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 50/60 Hz, 25 °C</li> <li>at cos phi-measurement 2</li> <li>+/- 1.5 %, 0.4 A 8 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 50/60 Hz, 25 °C</li> <li>at active power measurement 1</li> <li>+/- 5 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 50/60 Hz, 25 °C</li> <li>at active power measurement 2</li> <li>+/- 5 %, 0.25 A 8 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 50/60 Hz, 25 °C</li> <li>at energy measurement 1</li> <li>+/- 5 %, 0.25 A 8 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 50/60 Hz, 25 °C</li> <li>at energy measurement 2</li> <li>-/- 10 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 50/60 Hz, 25 °C</li> <li>at apparent power measurement 1</li> <li>-/- 5 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 50/60 Hz, 25 °C</li> <li>at apparent power measurement 2</li> <li>-/- 10 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 50/60 Hz, 25 °C</li> <li>at apparent power measurement 2</li> <li>-/- 5 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 50/60 Hz, 25 °C</li> <li>-/- 10 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-li</li></ul>	Precision				
phi (0.51), 50/60 Hz, 25 °C  +/- 1.5 %, in range 0.25 A 8 A, in range 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 50/60 Hz, 25 °C  +/- 3%, in range 8 A 32 A, in range 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 50/60 Hz, 25 °C  +/- 3%, in range 8 A 32 A, in range 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 50/60 Hz, 25 °C  • at cos phi-measurement 1  +/- 1.5 %, in range 0.85 x 110 V 1.1 x 690 V (line-to-line voltages) 25 °C  • at cos phi-measurement 2  +/- 1.5 %, 0.4 A 8 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages) 25 °C  • at active power measurement 1  +/- 5 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages) 25 °C  • at active power measurement 2  -/- 5 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages) 25 °C  • at active power measurement 2  -/- 5 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages) 25 °C  • at energy measurement 1  -/- 5 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages) 25 °C  • at energy measurement 2  -/- 10 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages) 25 °C  • at energy measurement 2  -/- 10 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages) 25 °C  • at apparent power measurement 1  -/- 5 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages) 25 °C  • at apparent power measurement 2  -/- 6 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages) 25 °C  • at apparent power measurement 2  -/- 6 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages) 25 °C  • at apparent power measurement 2  -/- 6 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages) 25 °C  • at apparent power measurement 2  -/- 6 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages) 25 °C  • at apparent power measurement 2  -/- 6 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages) 25 °C  • 6 %, 0.25 A 8 A, 0.85 x 110 V 1.1 x 690 V (line-to-line					
iline voltages), 50/60 Hz, 25 °C  +/- 3%, in range 8 A 32 A, in range 0.85 x 110 V 1.1 x 690 V (line-to-line voltages), 50/60 Hz, 25 °C  • at cos phi-measurement 1  • at cos phi-measurement 2  • at cos phi-measurement 2  • at cos phi-measurement 2  • at cos phi-measurement 1  • at cos phi-measurement 2  • at active power measurement 1  • at active power measurement 1  • at active power measurement 2  • at active power measurement 2  • at energy measurement 2  • at energy measurement 1  • at energy measurement 1  • at energy measurement 1  • at energy measurement 2  • at energy measurement 2  • at energy measurement 2  • at apparent power measurement 2  • at apparent power measurement 1  • at apparent power measurement 2  • at appare	tages), cos				
voltages), 50/60 Hz, 25 °C  +/- 1.5 %, in range 0.85 x 110 V 1.1 x 690 V (line-to-line voltages 25 °C  • at cos phi-measurement 1  +/- 1.5 %, 0.4 A 8 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltages 25 °C  • at cos phi-measurement 2  • at cos phi-measurement 2  • at active power measurement 1  • at active power measurement 1  • at active power measurement 2  • at active power measurement 2  • at active power measurement 2  • at energy measurement 1  • at energy measurement 1  • at energy measurement 1  • at energy measurement 2  • at energy measurement 2  • at apparent power measurement 2  • at apparent power measurement 2  • at apparent power measurement 1  • at apparent power measurement 2	V (line-to-				
• at cos phi-measurement 1  • at cos phi-measurement 2  • at cos phi-measurement 2  • at cos phi-measurement 2  • at active power measurement 1  • at active power measurement 1  • at active power measurement 2  • at energy measurement 1  • at energy measurement 1  • at energy measurement 1  • at energy measurement 2  • at apparent power measurement 1  • at apparent power measurement 1  • at apparent power measurement 2  • at					
phi (0.51), 50/60 Hz, 25 °C  at cos phi-measurement 2  at active power measurement 1  at active power measurement 1  at active power measurement 1  at active power measurement 2  at energy measurement 1  at energy measurement 2  at energy measurement 2  at energy measurement 2  at apparent power measurement 2  at apparent power measurement 1  at apparent power measurement 1  at apparent power measurement 1  at apparent power measurement 2  by a at apparent power measurement 2  co.51), 50/60 Hz, 25 °C  accuracy of ground-fault monitoring  In the range 30 % 120 %/ls: +/- 10 % (Class Cl-A), in range 15 % +/- 25 % (Class Cl-B), both values acc. to IEC 60947-1 Annex T  at apparent power measurement 2  accuracy of ground-fault monitoring  accuracy of ground-fault monitoring  any	), 50/60 Hz,				
<ul> <li>(0.51), 50/60 Hz, 25 °C</li> <li>• at active power measurement 1</li> <li>(0.51), 50/60 Hz, 25 °C</li> <li>• at active power measurement 2</li> <li>• at energy measurement 1</li> <li>• at energy measurement 2</li> <li>• at apparent power measurement 1</li> <li>• at apparent power measurement 1</li> <li>• at apparent power measurement 1</li> <li>• at apparent power measurement 2</li> <li>• at ap</li></ul>	ges), cos-				
<ul> <li>at active power measurement 2</li> <li>the task of the ta</li></ul>	s), cos-phi				
<ul> <li>at energy measurement 1</li> <li>at energy measurement 1</li> <li>at energy measurement 2</li> <li>at energy measurement 2</li> <li>at energy measurement 2</li> <li>at apparent power measurement 1</li> <li>at apparent power measurement 1</li> <li>at apparent power measurement 2</li> <li>by 6, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltage (0.51), 50/60 Hz, 25 °C</li> <li>at apparent power measurement 2</li> <li>cut apparent power measurement 2</li> <li>by 6, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltage (0.51), 50/60 Hz, 25 °C</li> <li>accuracy of ground-fault monitoring</li> <li>In the range 30 % 120 %/Is: +/- 10 % (Class CI-A), in range 15 % +/- 25 % (Class CI-B), both values acc. to IEC 60947-1 Annex T</li> <li>temperature drift per °C</li> <li>0.02 %/°C; Reference temperature: 25°C</li> <li>measured variable frequency</li> <li>any</li> </ul>					
<ul> <li>at energy measurement 2</li> <li>at energy measurement 2</li> <li>at apparent power measurement 1</li> <li>at apparent power measurement 1</li> <li>at apparent power measurement 1</li> <li>at apparent power measurement 2</li> <li>at apparent power measurement 2</li> <li>at apparent power measurement 2</li> <li>by 60 Hz, 25 °C</li> <li>at apparent power measurement 2</li> <li>cut 1.1 x 690 V (line-to-line voltage (0.51), 50/60 Hz, 25 °C</li> <li>accuracy of ground-fault monitoring</li> <li>In the range 30 % 120 %/ls: +/- 10 % (Class CI-A), in range 15 % +/- 25 % (Class CI-B), both values acc. to IEC 60947-1 Annex T</li> <li>temperature drift per °C</li> <li>cut 1.2 measured variable frequency</li> <li>dimensions</li> <li>mounting position</li> </ul>					
(0.51), 50/60 Hz, 25 °C      • at apparent power measurement 1      (0.51), 50/60 Hz, 25 °C      • at apparent power measurement 2      • at apparent power measurement 1      • at apparent power measurement 1      • at apparent power measurement 2      • at apparent power measurement 1      • at apparent power measurement 1      • at apparent power measurement 1      • at apparent power measurement 2      • at apparent power measurement 2      • at apparent power measurement 1      • at apparent power measurement 2      • at apparent power measure	ges), cos-phi				
(0.51), 50/60 Hz, 25 °C  +/- 5 %, 8 A 32 A, 0.85 x 110 V 1.1 x 690 V (line-to-line voltage (0.51), 50/60 Hz, 25 °C  accuracy of ground-fault monitoring  In the range 30 % 120 %/ls: +/- 10 % (Class CI-A), in range 15 % +/- 25 % (Class CI-B), both values acc. to IEC 60947-1 Annex T  temperature drift per °C  measured variable frequency  45 65 Hz  Installation/ mounting/ dimensions  mounting position  any	es), cos-phi				
(0.51), 50/60 Hz, 25 °C  accuracy of ground-fault monitoring  In the range 30 % 120 %/ls: +/- 10 % (Class Cl-A), in range 15 % +/- 25 % (Class Cl-B), both values acc. to IEC 60947-1 Annex T  temperature drift per °C  measured variable frequency  45 65 Hz  Installation/ mounting/ dimensions  mounting position  any	ges), cos-phi				
+/- 25 % (Class CI-B), both values acc. to IEC 60947-1 Annex T  temperature drift per °C  measured variable frequency 45 65 Hz  Installation/ mounting/ dimensions  mounting position  any					
measured variable frequency 45 65 Hz Installation/ mounting/ dimensions mounting position any	30 % le:				
Installation/ mounting/ dimensions mounting position any					
mounting position any	· ·				
•					
fastening method screw and snap-on mounting					
height 84 mm					
width 45 mm					
depth 64 mm					
required spacing					
● top 30 mm ● bottom 30 mm					
bottom     left     0 mm					
• right 0 mm					
diameter of inlet opening 7.5 mm					
diameter of inlet opening for current measurement 7.5 mm					
Connections/ Terminals					
type of electrical connection					
for main current circuit straight-through transformers     for auxiliary and control circuit screw-type terminals					
• for auxiliary and control circuit screw-type terminals  type of electrical connection at the measurement inputs for voltage  screw-type terminals  screw-type terminals					
type of connectable conductor cross-sections at the measurement inputs for voltage					
• finely stranded with core end processing  1x (0.25 2.5 mm²), 2x (0.25 1.0 mm²)					
• solid 1x (0.25 2.5 mm²), 2x (0.25 1.0 mm²)					
• for AWG cables solid					

<ul> <li>for AWG cables stranded</li> </ul>	1x (20 14), 2x (20 16)		
tightening torque at the measurement inputs for voltage	0.5 0.6 N·m		
tightening torque [lbf·in] at the measurement inputs for voltage	4.4 5.3 lbf·in		
Ambient conditions			
installation altitude at height above sea level			
• 1 maximum	2 000 m		
• 2 maximum	3 000 m; max. +50 °C (no protective separation)		
• 3 maximum	4 000 m; max. +40 °C (no protective separation)		
ambient temperature			
<ul> <li>during operation</li> </ul>	-25 +60 °C		
during storage	-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		
<ul> <li>during storage according to IEC 60721</li> </ul>	1K6 (no condensation, relative humidity 10 95%), 1C2 (sand must not get into the devices), 1M4	! (no salt mist), 1S2	
during transport according to IEC 60721	2K2, 2C1, 2S1, 2M2		
relative humidity during operation	10 95 %		
Short-circuit protection			
product function short circuit protection	No		
ATEX			
certificate of suitability			
<ul> <li>according to ATEX directive 2014/34/EU</li> </ul>	BVS 06 ATEX F001		
according to UKCA	ITS21UKEX0464		
explosion device group and category according to ATEX directive 2014/34/EU	II (2) G, II (2 ) D, I (M2)		
Galvanic isolation			
(electrically) protective separation according to IEC 60947-1	All circuits with protective separation (double creepage paths and clearances), the information in the "Protective Separation" test report, No. A0258, must be observed (link see further information)		
Main circuit			
number of poles for main current circuit	3		
adjustable current response value current of the current- dependent overload release	0.3 4 A		
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		
inrush current maximum	40 A; 10 x lo		
Approvals Certificates			
General Product Approval		EMV	

**(W)** 











EMV For use in hazardous locations

<u>KC</u>



IECEx







Miscellaneous

Test Certificates Maritime application

Type Test Certificates/Test Report

Special Test Certificate

Special Test Certificate







Maritime application

other

**Environment** 

Industrial Communication





Confirmation



Environmental Confirmations



## 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=3UF7110-1AA01-0

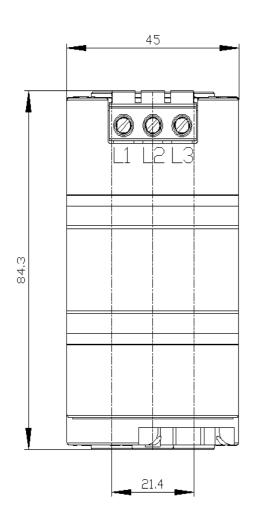
Cax online generator

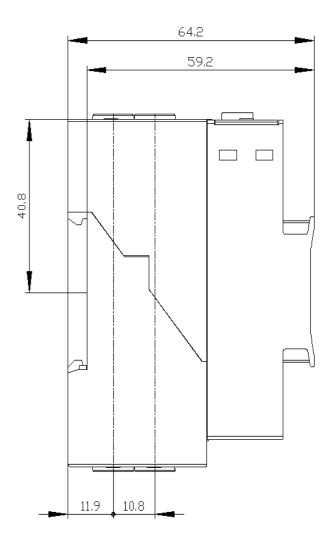
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3UF7110-1AA01-0}$ 

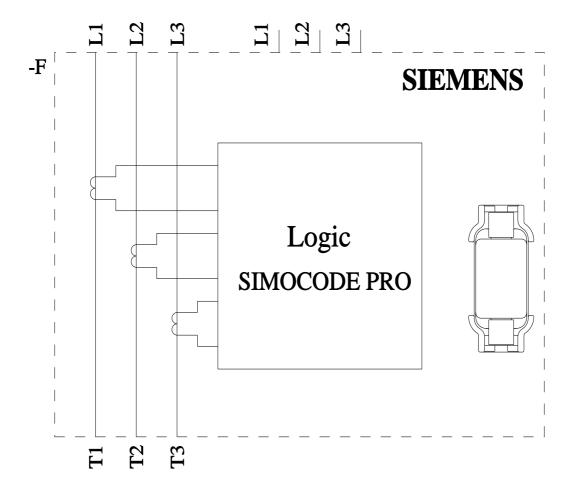
 $Service \& Support \ (Manuals, \ Certificates, \ Characteristics, \ FAQs, ...)$ 

https://support.industry.siemens.com/cs/ww/en/ps/3UF7110-1AA01-0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3UF7110-1AA01-0&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3UF7110-1AA01-0&lang=en</a>







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