# **SIEMENS**

### Data sheet

### 7KM2112-0BA00-3AA0



SENTRON, measuring instrument, 7KM PAC3200, LCD, L-L: 690 V, L-N: 400 V, 5 A, 3-phase, Modbus TCP, optionally Modbus RTU / PROFINET / PROFIBUS, apparent / active / reactive energy, class 0.5 according to IEC61557-12 or Class 0.5S according to IEC62053-22, wide voltage range power supply unit, AC/DC, screw terminal

Model	
Product brand name	SENTRON
Product designation	7KM PAC3200
Design of the product	basic
Product type designation	Measuring instrument
Type of measured value detection	complete
Design of the power supply	Wide-range power supply

General technical data	
Cutout width	92 mm
Cutout height	92 mm
Size of Power Monitoring Device / company-specific	size 96
Operating mode for measured value detection	
<ul> <li>automatic line frequency detection</li> </ul>	Yes
• set at 50 Hz	No
• set to 60 Hz	No
Pulse duration	
• initial value	30 ms
Full-scale value	500 ms

Voltage curve   Sinusoidal or distorted   Measurable line frequency / Full-scale value   45 Hz   Measurable line frequency / Full-scale value   65 Hz   Measurable line frequency / Full-scale value   65 Hz   Measurable code / acc. to DIN 40719 extended   according to IEC 204.2 / acc. to IEC 750    Supply voltage   Fequency / rated value		
Measurable line frequency / Full-scale value  Measuring procedure / for voltage measurement  MTBF  RMS  MTBF  Reference code / acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750  Supply voltage  Supply voltage  Supply voltage frequency / rated value  • minimum  • minimum  • maximum  45 Hz  Type of voltage / of the supply voltage  AC/DC  Measuring category / for supply voltage  Apparent power consumption  • with expansion module / maximum  • without expansion module / maximum  • without expansion module / fypical  Relative symmetrical tolerance / of the supply voltage  Protection class  Protection class IP  • on the front  • Rear side  Operating resource protection class / when installed  II  Flectricity  Measurable current / 2 / at AC / Rated value  5 A  Suttability  Suttability  Product function  Product function  Product function  Product function  Product function  Product measurement  • pulse measurement  • ves  • pulse measurement  • voltage measuremen	Voltage curve	Sinusoidal or distorted
Measuring procedure / for voltage measurement MTBF Reference code / acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750  Supply voltage Supply voltage Supply voltage frequency / rated value  • minimum • maximum  Type of voltage / of the supply voltage AC/DC Measuring category / for supply voltage CATIII Apparent power consumption • with expansion module / maximum • without expansion module / typical Relative symmetrical tolerance / of the supply voltage Protection class Protection class IP • on the front • Rear side Operating resource protection class / when installed II  Electricity Suitability Suitability or operation Adjustable time period / minimum  Product function Product function  Product function  Product function  Product function  Product function  • reactive power measurement • yes • oltage measurement • yes • outled power measurement • ves • current measurement • ves • current measurement • ves • current measurement • current measurement • cactive power measurement • CDD  Number of keys	Measurable line frequency / initial value	45 Hz
MTBF Reference code / acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750  Supply voltage  Supply voltage frequency / rated value  • minimum  • maximum  • maximum  As Hz  Type of voltage / of the supply voltage  Ac/DC Measuring category / for supply voltage  Ac/DC  Apparent power consumption  • with expansion module / maximum  • with expansion module / maximum  • without expansion module / typical  Relative symmetrical tolerance / of the supply voltage  Protection class  Protection class IP  • on the front  • Rear side  Operating resource protection class / when installed  II  Electricity  Measurable current / 2 / at AC / Rated value  5 A  Suitability  Suitability  Suitability  Suitability  Suitability  Product function  • reactive power measurement  • yes  • voltage measurement  • yes  • voltage measurement  • ves  • current measurement  • ves  • active power measurement  • yes  • active power measurement  • yes  • active power measurement  • yes  • active power measurement  • pesign of the display  LCD  Number of keys  4		65 Hz
Reference code / acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750  Supply voltage  Supply voltage  Supply voltage frequency / rated value  • minimum  • maximum  45 Hz  Type of voltage / of the supply voltage  Ac/DC  Measuring category / for supply voltage  Apparent power consumption  • with expansion module / maximum  • with expansion module / fypical  Relative symmetrical tolerance / of the supply voltage  Protection class  Protection class IP  • on the front  • Rear side  Operating resource protection class / when installed  II  Electricity  Measurable current / 2 / at AC / Rated value  5 A  Suitability  Suitability  Suitability  Suitabilitine period / minimum  Product function  Product function  • reactive power measurement  • pulse measurement  • voltage measurement  • voltage measurement  • current measurement  • c	Measuring procedure / for voltage measurement	RMS
according to IEC 204-2 / acc. to IEC 750  Supply voltage Supply voltage frequency / rated value  • minimum  • maximum  Type of voltage / of the supply voltage  AC/DC  Measuring category / for supply voltage  AC/DC  Apparent power consumption  • with expansion module / maximum  • without expansion module / typical  Relative symmetrical tolerance / of the supply voltage  Protection class  Protection classs  Protection class IP  • on the front  • Rear side  Operating resource protection class / when installed  II  Electricity  Measurable current / 2 / at AC / Rated value  5 A  Sultability  Sultability  Sultability for operation  Adjustable time period / minimum  10 ms  Product function  Product function  Product function  Product function  • reactive power measurement  • frequency measurement  • pulse measurement  • ves  • outlage measurement  • ves  • current measurement  • ves  • current measurement  • ves  • active power measurement  • Yes  • active power measurement  • resource protection  Design of the display  LCD  Number of keys  4	MTBF	185.8 y
Supply voltage frequency / rated value  • minimum  • maximum  15 Hz  Type of voltage / of the supply voltage  Ac/DC  Measuring category / for supply voltage  Apparent power consumption  • with expansion module / maximum  • without expansion module / typical  Relative symmetrical tolerance / of the supply voltage  Protection class  Protection class IP  • on the front  • Rear side  Operating resource protection class / when installed  II  Electricity  Measurable current / 2 / at AC / Rated value  5 A  Suitability  Suitability or operation  Adjustable time period / minimum  Installation in stationary control panels in closed rooms  Adjustable time period / minimum  Product function  Product function  • reactive power measurement  • yes  • voltage measurement  • voltage measurement  • voltage measurement  • current measurement  • ves		Р
minimum minim	Supply voltage	
• maximum 45 Hz Type of voltage / of the supply voltage AC/DC Measuring category / for supply voltage CATIII  Apparent power consumption • with expansion module / maximum 8 V·A • without expansion module / typical 6 V·A  Relative symmetrical tolerance / of the supply voltage 10 %  Protection class Protection class IP • on the front IP65 • Rear side IP20 Operating resource protection class / when installed II  Electricity Measurable current / 2 / at AC / Rated value 5 A  Suitability Suitability Suitability or operation Installation in stationary control panels in closed rooms Adjustable time period / minimum 10 ms  Product function Product function  Product function • reactive power measurement Yes • pulse measurement Yes • voltage measurement Yes • voltage measurement Yes • current measurement Yes • current measurement Yes • current measurement Yes • active power measurement Yes • Display and operation Design of the display LCD Number of keys	Supply voltage frequency / rated value	
Type of voltage / of the supply voltage  Measuring category / for supply voltage  Apparent power consumption  • with expansion module / maximum  • without expansion module / typical  Relative symmetrical tolerance / of the supply voltage  Protection class  Protection class IP  • on the front  • Rear side  Operating resource protection class / when installed  II  Electricity  Measurable current / 2 / at AC / Rated value  5 A  Suitability  Suitability for operation  Adjustable time period / minimum  Product function  Product function  Product function  • reactive power measurement  • pulse measurement  • voltage measurement  • current me	• minimum	65 Hz
Measuring category / for supply voltage  Apparent power consumption  • with expansion module / maximum  • without expansion module / typical  Relative symmetrical tolerance / of the supply voltage  Protection class  Protection class IP  • on the front  • Rear side  Operating resource protection class / when installed  II  Electricity  Measurable current / 2 / at AC / Rated value  5 A  Suitability  Suitability for operation  Adjustable time period / minimum  Installation in stationary control panels in closed rooms  Adjustable time period / minimum  10 ms  Product function  • reactive power measurement  • frequency measurement  • pulse measurement  • voltage measurement  • voltage measurement  • current	• maximum	45 Hz
Apparent power consumption  • with expansion module / maximum  • without expansion module / typical  Relative symmetrical tolerance / of the supply voltage  Protection class  Protection class IP  • on the front  • Rear side  Operating resource protection class / when installed  II  Electricity  Measurable current / 2 / at AC / Rated value  5 A  Suitability  Suitability for operation  Adjustable time period / minimum  Installation in stationary control panels in closed rooms  Adjustable time period / minimum  Product function  • reactive power measurement  • frequency measurement  • of frequency measurement  • voltage measurement  • voltage measurement  • current measurement  • current measurement  • active power measurement  • active power measurement  • active power measurement  • current measurement  • active power measurement  • current measurement  • active power measurement  • act	Type of voltage / of the supply voltage	AC/DC
with expansion module / maximum     without expansion module / typical     Relative symmetrical tolerance / of the supply voltage  Protection class  Protection class IP     on the front     Rear side Operating resource protection class / when installed II  Electricity Measurable current / 2 / at AC / Rated value  Suitability Suitability Suitability for operation Adjustable time period / minimum  In ms  Product function  Product function     reactive power measurement     frequency measurement     voltage measurement     voltage measurement     voltage measurement     ves     current measurement     ves     current measurement     ves     active power measurement     ves     current measurement     ves     current measurement     ves     active power measurement     ves     current measurement     ves     current measurement     ves     current measurement     ves     current measurement     ves     active power measurement     ves     current measurement     ves	Measuring category / for supply voltage	CATIII
without expansion module / typical     Relative symmetrical tolerance / of the supply voltage  Protection class  Protection class IP	Apparent power consumption	
Relative symmetrical tolerance / of the supply voltage  Protection class  Protection class IP  on the front Rear side  Operating resource protection class / when installed  II  Electricity  Measurable current / 2 / at AC / Rated value  5 A  Suitability  Suitability  Suitability  Suitability  Froduct function  Product function  Product function  • reactive power measurement • frequency measurement • pulse measurement • ves • current measurement • current meas	<ul> <li>with expansion module / maximum</li> </ul>	8 V·A
Protection class Protection class IP  • on the front • Rear side  Operating resource protection class / when installed  II  Electricity  Measurable current / 2 / at AC / Rated value  5 A  Suitability Suitability for operation Adjustable time period / minimum  Installation in stationary control panels in closed rooms Adjustable time period / minimum  Product function  Product function  • reactive power measurement • frequency measurement • pulse measurement • voltage measurement • voltage measurement • current measurement	<ul> <li>without expansion module / typical</li> </ul>	6 V·A
Protection class IP	Relative symmetrical tolerance / of the supply voltage	10 %
on the front     Rear side     Operating resource protection class / when installed    P20	Protection class	
Rear side Operating resource protection class / when installed  Electricity Measurable current / 2 / at AC / Rated value  5 A  Suitability Suitability for operation Installation in stationary control panels in closed rooms Adjustable time period / minimum 10 ms  Product function  Product function  • reactive power measurement • frequency measurement • pulse measurement • ves • pulse measurement • voltage measurement • Current measurement • Current measurement • active power measurement • active power measurement • active power measurement  Pres  Display and operation  Design of the display  LCD  Number of keys  LCD  Number of keys	Protection class IP	
Operating resource protection class / when installed  Electricity  Measurable current / 2 / at AC / Rated value  5 A  Suitability  Suitability for operation  Adjustable time period / minimum  Product function  Product function  • reactive power measurement • frequency measurement • pulse measurement • ves • voltage measurement • ves • Current measurement • active power measurement  Yes • active power measurement  Yes  Suitability  Installation in stationary control panels in closed rooms  10 ms  Product function  Yes  • frequency measurement  Yes  • pulse measurement • ves • current measurement  Yes  • active power measurement  Yes  Display and operation  Design of the display  Number of keys  4	• on the front	IP65
Electricity  Measurable current / 2 / at AC / Rated value  Suitability  Suitability for operation  Adjustable time period / minimum  Product function  Product function  • reactive power measurement • frequency measurement • pulse measurement • ves • voltage measurement • Current measurement • active power measurement  Yes  Suitability  Installation in stationary control panels in closed rooms  10 ms  Product function  Yes • frequency measurement Yes • pulse measurement Yes • voltage measurement Yes • Current measurement • Current measurement • Current measurement • Current measurement • LCD  Number of keys  LCD  Number of keys	• Rear side	IP20
Measurable current / 2 / at AC / Rated value 5 A  Suitability Suitability for operation Installation in stationary control panels in closed rooms Adjustable time period / minimum 10 ms  Product function  Product function  • reactive power measurement Yes • frequency measurement Yes • pulse measurement Yes • voltage measurement Yes • Current measurement Yes • active power measurement Yes  • active power measurement Yes  Display and operation  Design of the display  Number of keys  Installation in stationary control panels in closed rooms  10 ms  Yes  Yes  Yes  LCD  Number of keys	Operating resource protection class / when installed	II .
Suitability  Suitability for operation  Adjustable time period / minimum  Product function  Product function  • reactive power measurement • frequency measurement • pulse measurement • ves • voltage measurement • Current measurement • active power measurement • Yes  • Display and operation  Design of the display  Number of keys  Installation in stationary control panels in closed rooms  Installation in stationary control panels in closed rooms  10 ms  Yes  Yes  Yes  Yes  • Current measurement  Yes  LCD  Number of keys	Electricity	
Suitability for operation  Adjustable time period / minimum  Product function  Product function  • reactive power measurement • frequency measurement • pulse measurement • ves • voltage measurement • Current measurement • active power measurement  • active power measurement  • LCD  Number of keys	Measurable current / 2 / at AC / Rated value	5 A
Adjustable time period / minimum  Product function  Product function  • reactive power measurement Yes • frequency measurement Yes • pulse measurement Yes • voltage measurement Yes • Current measurement Yes • Current measurement Yes • active power measurement Yes  Display and operation  Design of the display  LCD  Number of keys  10 ms	Suitability	
Product function  Product function  • reactive power measurement Yes  • frequency measurement Yes  • pulse measurement Yes  • voltage measurement Yes  • Current measurement Yes  • active power measurement Yes  Display and operation  Design of the display  Number of keys  LCD  Number of keys	Suitability for operation	Installation in stationary control panels in closed rooms
Product function  • reactive power measurement  • frequency measurement  • pulse measurement  • voltage measurement  • current measurement  • active power measurement  Display and operation  Design of the display  Number of keys  Yes  LCD  LCD	Adjustable time period / minimum	10 ms
<ul> <li>reactive power measurement</li> <li>frequency measurement</li> <li>pulse measurement</li> <li>voltage measurement</li> <li>Current measurement</li> <li>active power measurement</li> <li>Yes</li> <li>active power measurement</li> <li>Yes</li> <li>LCD</li> <li>Number of keys</li> </ul>	Product function	
<ul> <li>frequency measurement</li> <li>pulse measurement</li> <li>voltage measurement</li> <li>Current measurement</li> <li>active power measurement</li> <li>pesign of the display</li> <li>Number of keys</li> </ul>	Product function	
<ul> <li>pulse measurement</li> <li>voltage measurement</li> <li>Current measurement</li> <li>active power measurement</li> <li>Display and operation</li> </ul> Design of the display <ul> <li>LCD</li> </ul> Number of keys <ul> <li>4</li> </ul>	<ul> <li>reactive power measurement</li> </ul>	Yes
<ul> <li>voltage measurement</li> <li>Current measurement</li> <li>active power measurement</li> <li>Yes</li> <li>active power measurement</li> <li>Yes</li> </ul> Display and operation Design of the display <ul> <li>LCD</li> </ul> Number of keys <ul> <li>4</li> </ul>	<ul> <li>frequency measurement</li> </ul>	Yes
Current measurement     Yes     active power measurement      Display and operation  Design of the display  Number of keys      LCD	• pulse measurement	Yes
active power measurement      Yes  Display and operation  Design of the display  LCD  Number of keys  4	voltage measurement	Yes
Display and operation  Design of the display  Number of keys  LCD  4	Current measurement	Yes
Design of the display LCD  Number of keys 4	active power measurement	Yes
Number of keys 4	Display and operation	
		LCD
Color / of the background of the display white		
	Color / of the background of the display	white

National language / on the display screen / is supported	ger, en, fr, spa, ita, por, tur, chi
Horizontal image resolution	128
Vertical screen resolution	96
Refresh time / on display	
• minimum	0.33 s
• maximum	3 s
Communication	
Refresh time / at the interface	
• minimum	0.33 s
• maximum	1 s
Number of interfaces / acc. to Fast Ethernet	1
Design of cable / connectable / Twisted pair	Yes
Protocol	
<ul> <li>at the Ethernet interface / is supported</li> </ul>	MODBUS TCP
• is supported	Modbus TCP
Transfer rate	
• minimum	10 000 kbit/s
• maximum	10 000 kbit/s
-ault limits	
Reference condition / for metering accuracy	Acc. to IEC62053-22 and IEC62053-23
Formula for relative total measurement inaccuracy	
<ul> <li>for measured variable reactive energy</li> </ul>	Class 2 according to IEC61557-12 and/or IEC62053-23
<ul> <li>for measured variable output</li> </ul>	+/- 0,5 %
<ul> <li>for measured variable output factor</li> </ul>	+/- 0,5 %
• for measured variable voltage	+/- 0,3 %
for measured variable current	+/- 0,2 %
• for measured variable active energy	CI. 0.5 acc. to IEC62053-22
nputs Outputs	
Input voltage / at digital input	
<ul><li>initial value for signal&lt;1&gt;-recognition</li></ul>	13 V
• at DC / rated value	24 V
• Full-scale value for signal<0> recognition	8 V
Number of digital outputs	1
Number of digital inputs	1
Digital output version	switching or pulse output function
Input current / at digital input	
• for signal <1>	7 mA
Output current	

• at digital output / with signal <0> / maximum

• at digital output / for signal <1> / maximum

0.2 mA

27 mA

<ul><li>at the digital outputs / at DC / maximum</li></ul>	100 mA
Output delay / at digital output	
• for signal <0> to <1> / maximum	5 ms
• for signal <1> to <0> / maximum	5 ms
Operating voltage / as output voltage / at DC / maximum permissible	30 V
Property of the output / Short-circuit proof	Yes
Input delay time / at digital input	
<ul><li>for signal &lt;0&gt; to &lt;1&gt; / maximum</li></ul>	5 ms
• for signal <1> to <0> / maximum	5 ms
Internal resistance / at the digital outputs	55 Ω
Measuring category / for digital signals	CATII
Switching frequency / at digital output / maximum	17 Hz
Transfer rate	
• 1 / for fast Ethernet	10 Mbit/s

Measuring inputs	
Outer conductors and neutral conductors internal resistance / for voltage measurement	1.05 ΜΩ
Measurable supply voltage	
	40.17
<ul><li>between (PE)N and L / at AC / minimum</li></ul>	40 V
<ul><li>between (PE)N and L / at AC / maximum</li></ul>	480 V
<ul> <li>between (PE)N and L / at AC / maximum rated value</li> </ul>	400 V
<ul> <li>between the outer conductors / at AC / minimum</li> </ul>	70 V
<ul> <li>between the outer conductors / at AC / maximum</li> </ul>	831 V
<ul> <li>between the outer conductors / at AC / maximum rated value</li> </ul>	690 V
Voltage measuring range extension / with external voltage transformers	Yes
Current measuring range extension / with external current transformers	Yes
Measuring category / for voltage measurement	CATIII
Supply voltage / between the outer conductors / at AC / maximum permissible	831 V
Consumed active power / for current measurement / per phase	115 mW
Continuous current / at AC / maximum permissible	10 A
Measuring category / for current measurement	CATIII
Zero-point suppression / for current measurement	0,1 10 %
Relative measurable current / at AC	
• minimum	1 %
• maximum	120 %

Measuring procedure / for current measurement	TRMS
Measurable current / 1 / at AC / Rated value	1 A

nnections		
ype of connectable conductor cross-sections		
• at the digital inputs / at AWG conductors / solid	2x 24 18	
<ul> <li>at the digital inputs / solid</li> </ul>	1x (0.2 2.5 mm²), 2x (0.2 1.0 mm²)	
<ul> <li>at the digital inputs / finely stranded / with core end processing</li> </ul>	1x (0.25 2.5 mm²), 2x (0.25 1.0 mm²)	
<ul> <li>at the digital outputs / at AWG conductors / solid</li> </ul>	2x 24 18	
<ul> <li>at the digital outputs / solid</li> </ul>	1x (0.2 2.5 mm²), 2x (0.2 1.0 mm²)	
<ul> <li>at the digital outputs / finely stranded / with core end processing</li> </ul>	1x (0.25 2.5 mm²), 2x (0.25 1.0 mm²)	
<ul> <li>at the inputs for supply voltage / at AWG conductors / solid</li> </ul>	2x 20 to 14	
<ul> <li>at the inputs for supply voltage / solid</li> </ul>	1x (0.5 4 mm²), 2x (0.5 2.5 mm²)	
<ul><li>at the inputs for supply voltage / finely stranded</li><li>/ with core end processing</li></ul>	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)	
<ul> <li>at the measurement inputs for voltage / at AWG conductors / solid</li> </ul>	2x 20 to 14	
• at the measurement inputs for voltage / solid	1x (0.5 4 mm²), 2x (0.5 2.5 mm²)	
<ul> <li>at the measurement inputs for voltage / finely stranded / with core end processing</li> </ul>	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)	
<ul> <li>at the measurement inputs for current / at AWG conductors / solid</li> </ul>	2x 20 to 14	
• at the measurement inputs for current / solid	1x (0.5 4 mm²), 2x (0.5 2.5 mm²)	
<ul> <li>at the measurement inputs for current / finely stranded / with core end processing</li> </ul>	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)	
ype of electrical connection		
• at the measurement inputs for voltage	screw-type terminals	

## Ту

• of the fast Ethernet interface

RJ45 (8P8C)

Mechanical Design	
Height	96 mm
Height / of the display	54 mm
Width	96 mm
Width	
<ul><li>of the display</li></ul>	72 mm
Depth	56 mm
Mounting position	vertical
Installation depth	51 mm
Mounting type / panel mounting	Yes
Net weight	451 g

nvironmental conditions	
Installation altitude / at height above sea level / maximum	2 000 m
Standard	
for EMC for industrial sector	IEC 61000-6-2 respectively IEC 61326-1:2005, table 2
• for EMC against unloading	IEC 61000-4-2: 2001-04
for EMC against difficulting     for EMC against high frequency fields	IEC 61000-4-3: 2006-02
for EMC against riight requertly fields     for EMC against conducted LF disturbance	IEC 61000-6-4, Group 1 Klasse A / CISPR11 Gruppe 1 Klasse A
variables (industry)	FCC Part 15 Subpart B Class A
for EMC against conducted disturbance variables via HF fields	IEC 61000-4-6: 2001-12
for EMC against magnetic fields with power engineering frequencies	IEC 61000-4-8: 2001-03
for EMC against quick, transient electrical disturbances	IEC 61000-4-4: 2005-07
<ul> <li>for EMC against voltage drops and interruptions</li> </ul>	IEC 61000-4-11: 2004-03
for EMC against surge voltages	IEC 61000-4-5: 2001-12
• for free fall	IEC 60068-2-32: 1975
• for pulse emitter	according to IEC62053-31
for cyclic, environmental damp heat check	IEC 60068-2-30
for environmental coldness check	IEC 60068-2-1
for environmental dry heat check	IEC 60068-2-2
Relative humidity / at 25 °C / without condensation /	
during operation	
• minimum	5 %
• maximum	95 %
Ambient temperature	
• during operation / minimum	-10 °C
• during operation / maximum	55 °C
• during storage / minimum	-25 °C
• during storage / maximum	70 °C
Sertificates	
Certificate of suitability	
as EC declaration of conformity	IEC 61010-1: 2001 (2nd Ed.) with Corr. 1, EN 61010-1: 2001 (2nd Ed.) and DIN EN 61010-1:2002 with "Berichtigung 1"
as approval for Canada	UL 61010-1, 2nd Ed. CAN/CSA-C22.2 NO. 61010-1-04
• as approval for USA	UL 61010-1, 2nd Ed. CAN/CSA-C22.2 NO. 61010-1-04
Reference code / acc. to DIN EN 61346-2	Р

General Product	Declaration of	other
Approval	Conformity	





Confirmation

**Metrological Approval** 

### Further information

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

http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7KM2112-0BA00-3AA0

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

https://support.industry.siemens.com/cs/ww/en/ps/7KM2112-0BA00-3AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=7KM2112-0BA00-3AA0">http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=7KM2112-0BA00-3AA0</a>

**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** 

http://www.siemens.com/specifications







