## **SIEMENS**

Data sheet 3UF7510-1AA00-0



Ground fault module with analog residual current detection for connection of a residual-current transformer 3UL23, max. 1 ground fault module per, for SIMOCODE pro V basic unit

product designation manufacturer's article number  • 1 of residual current transformer connectable • 2 of residual current transformer connectable • 3 of residual current transformer connectable • 3 of residual current transformer connectable • 4 of residual current transformer connectable • 5 of residual current transformer connectable • 6 of residual current transformer connectable  100 ms    100 ms	product brand name	SIRIUS
1 of residual current transformer connectable 2 of residual current transformer connectable 3 of residual current transformer connectable 4 of residual current transformer connectable 5 of residual current transformer connectable 6 of residual current transformer connectable 9 of residual current transformer connectable 9 of residual current transformer connectable 10 uz305-1A 10 uz305-1A 20 uz306-1A 20 uz307-1A  Ceneral technical data  type of current for monitoring response time maximum 10 ms  Product component  input for thermistor connection input for analog temperature sensors No input for ground fault detection yes protection class IP 120 shock resistance acc. to IEC 60068-2-6 1 6 Hz: 15 mm, 6 500 Hz: 2g  Substance Prohibitance (Date) 10 us 6 Hz  relative measurable line frequency full-scale value relative measurement deviation of residual current transformer  Electromagnetic compatibility  Electromagnetic compatibility  Electromagnetic compatibility  Electromagnetic compatibility  Electromagnetic compatibility  Electromagnetic confluence acc. to IEC 60004-4 due to conductor-conductor surge acc. to IEC 61000-4-5 due to birst acc. to IEC 61000-4-3 due to birst acc. to IEC 61000-4-3 due to birst acc. to IEC 61000-4-3 field-based interference acc. to IEC 61000-4-2 field-bound HF interference emission acc. to IEC 61000-4-2 field-bound HF interference emission acc. to IEC 61000-4-2 field-bound HF interference emission acc. to IEC 81000-4-2 field-bound HF interference emission acc.	product designation	ground fault modules
2 of residual current transformer connectable 3 of residual current transformer connectable 4 of residual current transformer connectable 5 of residual current transformer connectable 6 of residual current transformer connectable 3 JU2305-1A 3 JU2305-1A 3 JU2305-1A 3 JU2305-1A 4 of residual current transformer connectable 6 of residual current transformer connectable 3 JU2307-1A  Ceneral technical data  Type of current for monitoring AC and pulse-shaped direct currents (type A) response time maximum product component input for analog temperature sensors input for ground fault detection input for ground fault detection Yes protection class IP Shock resistance acc. to IEC 60068-2-7 15g / 11 ms vibration resistance acc. to IEC 60068-2-7 15g / 11 ms Vibration resistance acc. to IEC 60068-2-6 1 6 Hz: 15 mm, 6 500 Hz: 2g  Substance Prohibitance (Date) 10 10 5 2012 00:00:00  measurable line frequency initial value measurable line frequency full-scale value relative measurement deviation relative measurement deviation relative measurement deviation transformer  Electromagnetic compatibility  EleCtromagnetic compatibility  EleCtromagnetic conpatibility  e due to burst acc. to IEC 60047-1 conducted interference due to burst acc. to IEC 61000-4-5 due to bigh-frequency radiation acc. to IEC 61000-4-5 e due to conductor-conductor surge acc. to IEC 61000-4-5 e due to high-frequency radiation acc. to IEC 61000-4-2 field-based interference emission acc. to IEC 61000-4-3	manufacturer's article number	
3 of residual current transformer connectable     4 of residual current transformer connectable     5 of residual current transformer connectable     6 of residual current transformer connectable     8 3UL2305-1A     8 3UL2307-1A  General technical data  type of current for monitoring     response time maximum     product component     • input for monitoring     response time maximum     product component     • input for thermistor connection     • input for ground fault detection     • input for ground fault detection     • input for ground fault detection     Yes     protection class IP     shock resistance acc. to IEC 60068-2-27     15g / 11 ms     vibration resistance acc. to IEC 60068-2-6     1 6 Hz: 15 mm, 6 500 Hz: 2g  Substance Prohibitance (Date)     measurable line frequency initial value     relative measurement deviation of residual current     transformer  Electromagnetic compatibility  EMC emitted interference acc. to IEC 60947-1     conducted interference     • due to conductor-carth surge acc. to IEC 61000-4-5     • due to burst acc. to IEC 61000-4-5     • due to bigh-frequency radiation acc. to IEC 61000-4-5     • due to high-frequency radiation acc. to IEC 61000-4-2     field-based interference acc. to IEC 61000-4-3     electrostatic discharge acc. to IEC 61000-4-3     field-based interference emission acc. to IEC BPR11     number of inputs	<ul> <li>1 of residual current transformer connectable</li> </ul>	3UL2302-1A
• 4 of residual current transformer connectable     • 5 of residual current transformer connectable     • 6 of residual current transformer connectable     • 8 of residual current transformer connectable     3UL2305-1A 3UL2307-1A  General technical data  type of current for monitoring     response time maximum     product component     • input for thermistor connection     • input for thermistor connection     • input for ground fault detection     Presponse time frequency intial value     incessitance acc. to IEC 60068-2-27     substance Prohibitance (Date)     measurable line frequency intial value     measurable line frequency intial value     measurable line frequency full-scale value     relative measurement deviation of residual current transformer  Electromagnetic compatibility  EMC emitted interference acc. to IEC 60947-1     culture to conductor-carth surge acc. to IEC 61000-4-5     • due to conductor-carth surge acc. to IEC 61000-4-5     • due to conductor-conductor surge acc. to IEC 61000-4-5     • due to high-frequency radiation acc. to IEC 61000-4-2     field-based interference acc. to IEC 61000-4-2     field-bound HF interference emission acc. to IEC 61000-4-2     field-bound HF interference emission acc. to ICSPR11     number of Inputs   3UL2305-1A 3UL2305-1A 3UL2307-1A 3UL2307-1	<ul> <li>2 of residual current transformer connectable</li> </ul>	<u>3UL2303-1A</u>
• 5 of residual current transformer connectable     • 6 of residual current transformer connectable     3UL2306-1A 3UL2307-1A  General technical data type of current for monitoring     response time maximum     100 ms  product component     • input for thermistor connection     • input for ground fault detection     * input for ground fault detection     * input for ground fault detection     * Yes  protection class IP     inception in Electron in Electron vibration resistance acc. to IEC 60068-2-27     vibration resistance acc. to IEC 60068-2-6 3ubstance Prohibitance (Date)     measurable line frequency initial value     measurable line frequency full-scale value     relative measurement deviation of residual current     transformer  Electromagnetic compatibility  EMC emitted interference     • due to burst acc. to IEC 61000-4-3     • due to conductor-canth using acc. to IEC 61000-4-5     • due to burst acc. to IEC 61000-4-3     • due to high-frequency radiation acc. to IEC 61000-4-2     field-based interference emission acc. to CISPR11     inputs/ Outputs     number of inputs  1 under field-based interference emission acc. to CISPR11     inputs/ Outputs     number of inputs	<ul> <li>3 of residual current transformer connectable</li> </ul>	<u>3UL2304-1A</u>
• 6 of residual current transformer connectable  Substance Prohibitance (Date)  measurable line frequency full-scale value relative measurement deviation of residual current response time maximum  product component  input for analog temperature sensors input for ground fault detection  protection class IP  protection class IP  shock resistance acc. to IEC 60068-2-27  vibration resistance acc. to IEC 60068-2-6  measurable line frequency initial value  measurable line frequency full-scale value relative measurement deviation of residual current transformer  Electromagnetic compatibility  EMC emitted interference acc. to IEC 600947-1  conducted interference  due to burst acc. to IEC 60004-4  due to conductor-carth surge acc. to IEC 61000-4-5  due to conductor-conductor surge acc. to IEC 61000-4-5  due to high-frequency radiation acc. to IEC 61000-4-3  field-based interference emission acc. to IEC 61000-4-2  field-bound HF interference emission acc. to ISPR11  Inputs/ Outputs  number of inputs  AC and pulse-shaped direct currents (type A)  response time maximum 100 ms  AC and pulse-shaped direct currents (type A)  response time maximum 100 ms  AC and pulse-shaped direct currents (type A)  response time maximum 100 ms  No  No  No  No  No  No  No  No  No  N	<ul> <li>4 of residual current transformer connectable</li> </ul>	<u>3UL2305-1A</u>
type of current for monitoring response time maximum product component input for thermistor connection input for analog temperature sensors input for ground fault detection protection class IP protection class IP protection class IP protection class IP shock resistance acc. to IEC 60068-2-27 15g / 11 ms vibration resistance acc. to IEC 60068-2-6 1 6 Hz: 15 mm, 6 500 Hz: 2g Substance Prohibitance (Date) 01.05.2012 00:00:00 measurable line frequency initial value measurable line frequency full-scale value 16 Hz relative measurement deviation of residual current transformer Electromagnetic compatibility EMC emitted interference acc. to IEC 60947-1 conducted interference due to burst acc. to IEC 61000-4-4 due to conductor-canth surge acc. to IEC 61000-4-5 due to high-frequency radiation acc. to IEC 61000-4-3 electrostatic discharge acc. to IEC 61000-4-2 field-based interference emission acc. to CISPR11 Inputs/ Outputs number of inputs	<ul> <li>5 of residual current transformer connectable</li> </ul>	<u>3UL2306-1A</u>
type of current for monitoring response time maximum product component input for thermistor connection input for analog temperature sensors input for ground fault detection response time maximum input for analog temperature sensors input for ground fault detection response temperature sensors input for ground fault detection response temperature sensors response to the control of the control o	<ul> <li>6 of residual current transformer connectable</li> </ul>	3UL2307-1A
response time maximum  product component  input for thermistor connection input for analog temperature sensors input for ground fault detection  protection class IP  shock resistance acc. to IEC 60068-2-27  vibration resistance acc. to IEC 60068-2-6  measurable line frequency initial value measurable line frequency full-scale value relative measurement deviation of residual current transformer  Electromagnetic compatibility  EMC emitted interference acc. to IEC 60947-1  conducted interference due to burst acc. to IEC 6000-4-3 due to conductor-earth surge acc. to IEC 61000-4-3 due to conductor-conductor surge acc. to IEC 61000-4-3 electrostatic discharge acc. to IEC 61000-4-2 field-based interference emission acc. to IEC 61000-4-2 field-bound HF interference emission acc. to ICSPR11 Inputs/ Outputs number of inputs  No	General technical data	
product component  input for thermistor connection input for analog temperature sensors input for ground fault detection  protection class IP shock resistance acc. to IEC 60068-2-27 15g / 11 ms vibration resistance acc. to IEC 60068-2-6 1 6 Hz: 15 mm, 6 500 Hz: 2g  Substance Prohibitance (Date) measurable line frequency initial value measurable line frequency full-scale value relative measurement deviation of residual current transformer  Electromagnetic compatibility  EMC emitted interference acc. to IEC 60947-1 conducted interference due to burst acc. to IEC 60004-4 due to conductor-earth surge acc. to IEC 61000-4-5 due to conductor-conductor surge acc. to IEC 61000-4-5 due to high-frequency radiation acc. to IEC 61000-4-2 field-based interference acc. to IEC 61000-4-2 electrostatic discharge acc. to IEC 61000-4-2 field-bound HF interference emission acc. to CISPR11 Inputs/ Outputs number of inputs	type of current for monitoring	AC and pulse-shaped direct currents (type A)
input for thermistor connection input for analog temperature sensors input for ground fault detection  input for ground fault detection  Yes  protection class IP  IP20  shock resistance acc. to IEC 60068-2-27  Input for ground fault detection  Yes  IP20  shock resistance acc. to IEC 60068-2-6  I 6 Hz: 15 mm, 6 500 Hz: 2g  Substance Prohibitance (Date)  Input for ground fault detection  Yes  Input for ground fault detection  Yes  No  No  No  No  No  No  No  No  No  N	response time maximum	100 ms
input for analog temperature sensors input for ground fault detection  yes  protection class IP  shock resistance acc. to IEC 60068-2-27  substance Prohibitance (Date)  measurable line frequency initial value  measurable line frequency full-scale value  relative measurement deviation of residual current transformer  Electromagnetic compatibility  EMC emitted interference acc. to IEC 60947-1  conducted interference  due to burst acc. to IEC 61000-4-4  due to conductor-canductor surge acc. to IEC 61000-4-5  due to high-frequency radiation acc. to IEC 61000-4-3  electrostatic discharge acc. to IEC 61000-4-2  field-based interference emission acc. to CISPR11  Inputs/ Outputs  number of inputs  1 1	product component	
input for ground fault detection  protection class IP  shock resistance acc. to IEC 60068-2-27  vibration resistance acc. to IEC 60068-2-6  1 6 Hz: 15 mm, 6 500 Hz: 2g  Substance Prohibitance (Date)  measurable line frequency initial value  measurable line frequency full-scale value  relative measurement deviation of residual current transformer  Electromagnetic compatibility  EMC emitted interference acc. to IEC 60947-1  conducted interference  due to burst acc. to IEC 61000-4-4  due to conductor-earth surge acc. to IEC 61000-4-5  due to conductor-conductor surge acc. to IEC 61000-4-5  due to high-frequency radiation acc. to IEC 61000-4-3  electrostatic discharge acc. to IEC 61000-4-2  field-based interference emission acc. to CISPR11  Inputs/ Outputs  number of inputs  1 1 kg  1 1 kV air discharge  6 kV contact discharge / 8 kV air discharge  corresponds to degree of severity A  1 kV air discharge  6 kV contact discharge / 8 kV air discharge  corresponds to degree of severity A	<ul> <li>input for thermistor connection</li> </ul>	No
protection class IP shock resistance acc. to IEC 60068-2-27 shock resistance acc. to IEC 60068-2-6 shock resistance acc. to IEC 60068-2-6 substance Prohibitance (Date) measurable line frequency initial value measurable line frequency full-scale value relative measurement deviation of residual current transformer  Electromagnetic compatibility EMC emitted interference acc. to IEC 60947-1 conducted interference due to burst acc. to IEC 61000-4-4 due to conductor-centh surge acc. to IEC 61000-4-5 due to conductor-conductor surge acc. to IEC 61000-4-5 due to high-frequency radiation acc. to IEC 61000-4-3 electrostatic discharge acc. to IEC 61000-4-2 field-based interference emission acc. to CISPR11 Inputs/ Outputs number of inputs  I 1	<ul> <li>input for analog temperature sensors</li> </ul>	No
shock resistance acc. to IEC 60068-2-27  vibration resistance acc. to IEC 60068-2-6  Substance Prohibitance (Date)  measurable line frequency initial value  measurable line frequency full-scale value  relative measurement deviation of residual current transformer  Electromagnetic compatibility  EMC emitted interference acc. to IEC 60947-1  EMC immunity acc. to IEC 60947-1  conducted interference  • due to burst acc. to IEC 61000-4-4  • due to conductor-earth surge acc. to IEC 61000-4-5  • due to conductor-conductor surge acc. to IEC 61000-4-5  • due to high-frequency radiation acc. to IEC 61000-4-3  field-based interference emission acc. to IEC 61000-4-2  field-bound HF interference emission acc. to CISPR11  Inputs/ Outputs  number of inputs  15g / 11 ms  15g / 11 ms  1 6 Hz: 15 mm, 6 500 Hz: 2g  1 6 Hz: 15 mm, 6 500 Hz: 2g  1 6 Hz: 15 mm, 6 500 Hz: 2g  1 6 Hz: 15 mm, 6 500 Hz: 2g  1 6 Hz: 15 mm, 6 500 Hz: 2g  1 6 Hz: 15 mm, 6 500 Hz: 2g  1 6 Hz: 15 mm, 6 500 Hz: 2g  1 6 Hz: 15 mm, 6 500 Hz: 2g  1 6 Hz: 15 mm, 6 500 Hz: 2g  1 6 Hz: 15 mm, 6 500 Hz: 2g  1 6 Hz: 15 mm, 6 500 Hz: 2g  1 6 Hz: 15 mm, 6 500 Hz: 2g  1 6 Hz: 15 mm, 6 500 Hz: 2g  2.5 %  16 Hz  2.5 %  1 kV  1 kV  1 kV  1 kV  1 tV  4 6  6 kV contact discharge / 8 kV air discharge  1 corresponds to degree of severity A  1 inputs/ Outputs  number of inputs	input for ground fault detection	Yes
vibration resistance acc. to IEC 60068-2-6  Substance Prohibitance (Date)  measurable line frequency initial value  measurable line frequency full-scale value  relative measurement deviation of residual current transformer  Electromagnetic compatibility  EMC emitted interference acc. to IEC 60947-1  conducted interference  • due to burst acc. to IEC 61000-4-4  • due to conductor-earth surge acc. to IEC 61000-4-5  • due to diph-frequency radiation acc. to IEC 61000-  4-6  field-based interference emission acc. to CISPR11  Inputs/ Outputs  number of inputs  1 1 6 Hz: 15 mm, 6 500 Hz: 2g  1 1 6 Hz: 15 mm, 6 500 Hz: 2g  1 2.5 %  1 2.5 %  1 6 Hz	protection class IP	IP20
Substance Prohibitance (Date)  measurable line frequency initial value  measurable line frequency full-scale value  relative measurement deviation of residual current transformer  Electromagnetic compatibility  EMC emitted interference acc. to IEC 60947-1  EMC immunity acc. to IEC 60947-1  conducted interference  • due to burst acc. to IEC 61000-4-4  • due to conductor-earth surge acc. to IEC 61000-4-5  • due to conductor-conductor surge acc. to IEC 61000-4-5  • due to high-frequency radiation acc. to IEC 61000-4-6  field-based interference acc. to IEC 61000-4-2  field-bound HF interference emission acc. to CISPR11  Inputs/ Outputs  number of inputs  1 0 1.05.2012 00:00:00  400 Hz  400 Hz  400 Hz  400 Hz  400 Hz  400 Hz  402 Hz  403 Hz  404 Hz  405 Hz  407 Hz  407 Hz  408 Hz  409	shock resistance acc. to IEC 60068-2-27	15g / 11 ms
measurable line frequency initial value  measurable line frequency full-scale value  relative measurement deviation of residual current transformer  Electromagnetic compatibility  EMC emitted interference acc. to IEC 60947-1 class A  EMC immunity acc. to IEC 60947-1 conducted interference  • due to burst acc. to IEC 61000-4-4  • due to conductor-earth surge acc. to IEC 61000-4-5  • due to conductor-conductor surge acc. to IEC 61000-4-5  • due to high-frequency radiation acc. to IEC 61000-4-6  field-based interference acc. to IEC 61000-4-2  field-bound HF interference emission acc. to CISPR11  Inputs/ Outputs  number of inputs  1 days 4  400 Hz  16 Hz  2.5 %  16 Hz  2.5 %  1 kV  class A  corresponds to degree of severity 3  1 kV  1 kV  1 kV  1 kV  6 kV contact discharge / 8 kV air discharge  corresponds to degree of severity A	vibration resistance acc. to IEC 60068-2-6	1 6 Hz: 15 mm, 6 500 Hz: 2g
measurable line frequency full-scale value relative measurement deviation of residual current transformer  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 1 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  61000-4-5 1 tV  4-6 1000-4-5 10 V/  field-based interference acc. to IEC 61000-4-3 10 V/m electrostatic discharge acc. to IEC 61000-4-2 6 kV contact discharge / 8 kV air discharge field-bound HF interference emission acc. to CISPR11 corresponds to degree of severity A  Inputs/ Outputs number of inputs	Substance Prohibitance (Date)	01.05.2012 00:00:00
relative measurement deviation of residual current transformer  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 1 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  61000-4-5 4-6 1000-4-3 10 V/m  electrostatic discharge acc. to IEC 61000-4-2 6 kV contact discharge / 8 kV air discharge field-bound HF interference emission acc. to CISPR11 corresponds to degree of severity A  Inputs/ Outputs  number of inputs 1	measurable line frequency initial value	400 Hz
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 1 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 0 due to high-frequency radiation acc. to IEC 61000-4-6 10 V  field-based interference acc. to IEC 61000-4-3 10 V/m  electrostatic discharge acc. to IEC 61000-4-2 6 kV contact discharge / 8 kV air discharge field-bound HF interference emission acc. to CISPR11 corresponds to degree of severity A Inputs/ Outputs  number of inputs 1	measurable line frequency full-scale value	16 Hz
EMC emitted interference acc. to IEC 60947-1  EMC immunity acc. to IEC 60947-1  conducted interference  • due to burst acc. to IEC 61000-4-4  • due to conductor-earth surge acc. to IEC 61000-4-5  • due to conductor-conductor surge acc. to IEC 61000-4-5  • due to high-frequency radiation acc. to IEC 61000- 4-6  field-based interference acc. to IEC 61000-4-3  electrostatic discharge acc. to IEC 61000-4-2  field-bound HF interference emission acc. to CISPR11  Inputs/ Outputs  number of inputs  1 kV  1 kV  1 kV  6 kV contact discharge / 8 kV air discharge  corresponds to degree of severity A		2.5 %
conducted interference  • due to burst acc. to IEC 61000-4-4 • due to conductor-earth surge acc. to IEC 61000-4-5 • due to conductor-conductor surge acc. to IEC 61000-4-5 • due to high-frequency radiation acc. to IEC 61000-4-6  field-based interference acc. to IEC 61000-4-3 electrostatic discharge acc. to IEC 61000-4-2 field-bound HF interference emission acc. to CISPR11  Inputs/ Outputs number of inputs  corresponds to degree of severity 3  1 kV  1 kV  1 kV  10 V  4 b c c c c c c c c c c c c c c c c c c	Electromagnetic compatibility	
conducted interference  • due to burst acc. to IEC 61000-4-4  • due to conductor-earth surge acc. to IEC 61000-4-5  • due to conductor-conductor surge acc. to IEC 61000-4-5  • due to high-frequency radiation acc. to IEC 61000-4-6  field-based interference acc. to IEC 61000-4-3  electrostatic discharge acc. to IEC 61000-4-2  field-bound HF interference emission acc. to CISPR11  Inputs/ Outputs  number of inputs  1 kV  1 kV  1 kV  6 kV contact discharge / 8 kV air discharge  corresponds to degree of severity A	EMC emitted interference acc. to IEC 60947-1	class A
<ul> <li>due to burst acc. to IEC 61000-4-4</li> <li>due to conductor-earth surge acc. to IEC 61000-4-5</li> <li>due to conductor-conductor surge acc. to IEC 61000-4-5</li> <li>due to high-frequency radiation acc. to IEC 61000-4-6</li> <li>field-based interference acc. to IEC 61000-4-3</li> <li>electrostatic discharge acc. to IEC 61000-4-2</li> <li>field-bound HF interference emission acc. to CISPR11</li> <li>Inputs/ Outputs</li> <li>number of inputs</li> <li>1 kV</li> <li>6 kV</li> <li>6 kV</li> <li>6 kV contact discharge / 8 kV air discharge</li> <li>6 kV corresponds to degree of severity A</li> <li>Inputs/ Outputs</li> <li>1</li> </ul>	EMC immunity acc. to IEC 60947-1	corresponds to degree of severity 3
• due to conductor-earth surge acc. to IEC 61000-4-5     • due to conductor-conductor surge acc. to IEC 61000-4-5     • due to high-frequency radiation acc. to IEC 61000-4-6     • due to high-frequency radiation acc. to IEC 61000-4-6  field-based interference acc. to IEC 61000-4-3     • dectrostatic discharge acc. to IEC 61000-4-2     • dectrostatic discharge acc. to IEC 61000-4-2     • dectrostatic discharge acc. to IEC 61000-4-3     • due to high-frequency radiation acc. to	conducted interference	
• due to conductor-conductor surge acc. to IEC     61000-4-5     • due to high-frequency radiation acc. to IEC 61000- 4-6  field-based interference acc. to IEC 61000-4-3     electrostatic discharge acc. to IEC 61000-4-2     field-bound HF interference emission acc. to CISPR11  Inputs/ Outputs  number of inputs  1 kV  10 V  6 kV contact discharge / 8 kV air discharge corresponds to degree of severity A	<ul><li>due to burst acc. to IEC 61000-4-4</li></ul>	1 kV
61000-4-5	<ul> <li>due to conductor-earth surge acc. to IEC 61000-4-5</li> </ul>	2 kV
field-based interference acc. to IEC 61000-4-3 electrostatic discharge acc. to IEC 61000-4-2 field-bound HF interference emission acc. to CISPR11 Inputs/ Outputs number of inputs  1 0 V/m 6 kV contact discharge / 8 kV air discharge corresponds to degree of severity A		1 kV
electrostatic discharge acc. to IEC 61000-4-2  field-bound HF interference emission acc. to CISPR11  Inputs/ Outputs  number of inputs  6 kV contact discharge / 8 kV air discharge  corresponds to degree of severity A		10 V
field-bound HF interference emission acc. to CISPR11 corresponds to degree of severity A  Inputs/ Outputs  number of inputs 1	field-based interference acc. to IEC 61000-4-3	10 V/m
Inputs/ Outputs number of inputs 1	electrostatic discharge acc. to IEC 61000-4-2	6 kV contact discharge / 8 kV air discharge
number of inputs 1	field-bound HF interference emission acc. to CISPR11	corresponds to degree of severity A
	Inputs/ Outputs	
number of digital inputs 0	number of inputs	1
	number of digital inputs	0

not get into the devices), 1M4		
not get into the devices), 1M4		
not get into the devices), 1M4		
not get into the devices), 1M4		
3K6 (no formation of ice, no condensation, relative humidity 10 95%), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6 1K6 (no condensation, relative humidity 10 95%), 1C2 (no salt mist), 1S2 (sand must not get into the devices), 1M4		
-40 +80 °C -40 +80 °C		
40 °C (no protective separation)		
3 000 m; max. +50 °C (no protective separation)		
(20 14)		
(20 16)		
m²), 2x (0.5 1.5 mm²)		
m²), 2x (0.5 2.5 mm²)		
3		
on mounting		

Test Certificates	Marine / Shipping	other	

EG-Konf.







<u>Confirmation</u> <u>PROFINET-Certification</u>

## other



Profibus

## 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=3UF7510-1AA00-0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3UF7510-1AA00-0

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

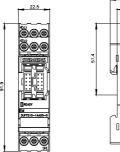
https://support.industry.siemens.com/cs/ww/en/ps/3UF7510-1AA00-0

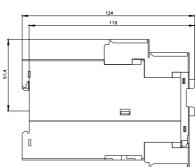
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

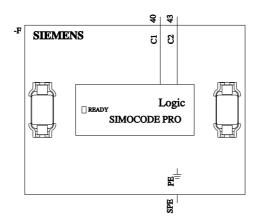
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3UF7510-1AA00-0&lang=en

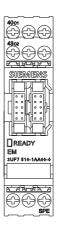
Test report No. A0258, protective separation

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









12/23/2020 🗗

last modified: