

EARTH FAULT MODULE; 1 INPUT TO CONNECT A SUMMATION CURR. TRANSF. 3UL22 ;MAX. 1 EARTH FAULT MODULE PER BASE UNIT 2



product brandname	SIRIUS
Product designation	ground fault modules
General technical data	
Product component	
• input for analog temperature sensors	No
• input for ground fault detection	No
Insulation voltage	
• rated value	300 V
Surge voltage resistance rated value	4 000 V
Protection class IP	IP20
Vibration resistance	1-6 Hz / 15 mm; 6-500 Hz / 2 g
Equipment marking	
• acc. to DIN EN 61346-2	B
• acc. to DIN EN 81346-2	B
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	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
Field-bound parasitic coupling acc. to IEC 61000-4-3	10 V/m
Inputs/ Outputs	
Number of inputs	1
Number of digital inputs	0
Number of analog inputs	1
Number of outputs as contact-affected switching element	0
Number of analog outputs	0
Number of semiconductor outputs	0
Installation/ mounting/ dimensions	
Mounting position	any
Mounting type	screw and snap-on mounting
Height	92 mm
Width	22.5 mm
Depth	124 mm
Connections/Terminals	
Type of electrical connection	
• for auxiliary and control current circuit	screw-type terminals
Ambient conditions	
Installation altitude at height above sea level maximum	4 000 m
Ambient temperature	
• during operation	-25 ... +60 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6
Safety related data	
Protection against electrical shock	finger-safe
Control circuit/ Control	
Control supply voltage frequency 1 rated value	50 Hz
Control supply voltage frequency 2 rated value	60 Hz
Certificates/approvals	

General Product Approval			EMC	Declaration of Conformity	Test Certificates
					Typprüfbescheinigung/Werkszeugnis
CSA	UL		C-Tick	EG-Konf.	

Test Certificates	Shipping Approval				other
spezielle Prüfbescheinigungen					Bestätigungen
	ABS	DNV	GL	RMRS	

other		
	PROFISafe-Zertifizierung	PROFINET-Zertifizierung
Profibus		

Further information

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3UF7500-1AA00-0>

Cax online generator

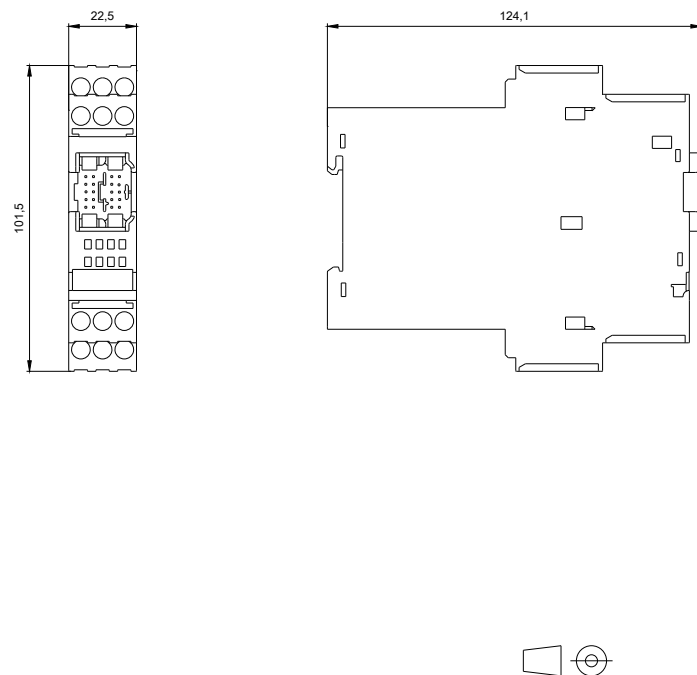
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3UF7500-1AA00-0>

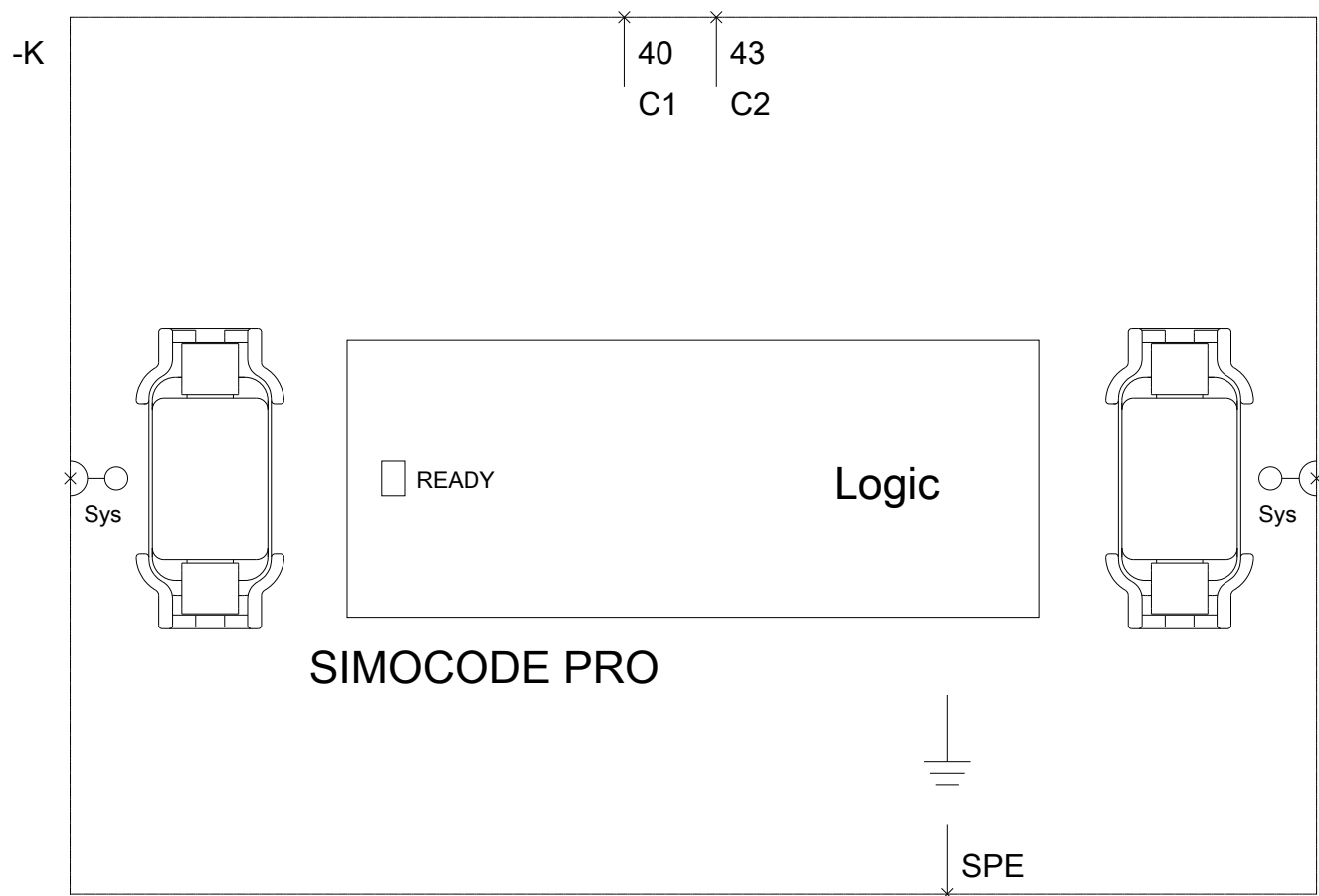
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

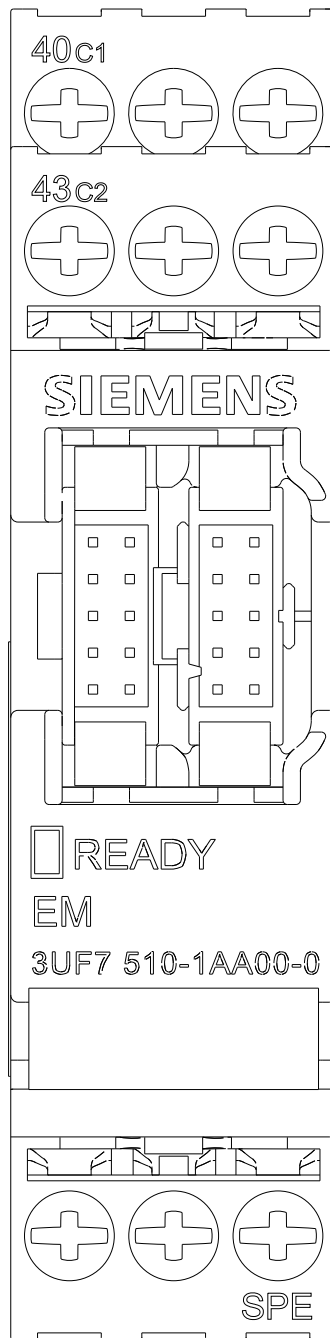
<https://support.industry.siemens.com/cs/ww/en/ps/3UF7500-1AA00-0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3UF7500-1AA00-0&lang=en







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02/18/2017