



power controller autoFREQ current range 50 A / 40 °C 400 ... 600 V 24 V AC/DC for semiconductor relay / contactor

General technical data	
power loss [W] for rated value of the current	1 W
<ul style="list-style-type: none"> without load current share typical 	
degree of pollution	3
surge voltage resistance of main circuit rated value	2.5 kV
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	05/01/2012
Control circuit/ Control	
control supply voltage at AC	
<ul style="list-style-type: none"> at 50 Hz rated value 	20.5 ... 26.5 V
<ul style="list-style-type: none"> at 60 Hz rated value 	20.5 ... 26.5 V
control supply voltage 1 at AC	
<ul style="list-style-type: none"> at 50 Hz rated value 	24 V
<ul style="list-style-type: none"> at 60 Hz rated value 	24 V
control supply voltage at DC rated value	18 ... 30 V
control supply voltage 1	
<ul style="list-style-type: none"> at DC rated value 	24 V
<ul style="list-style-type: none"> at DC 	24 V
control supply voltage at AC	
<ul style="list-style-type: none"> at 50 Hz full-scale value for signal<0> recognition 	5 V
<ul style="list-style-type: none"> at 60 Hz full-scale value for signal<0> recognition 	5 V
control supply voltage at DC full-scale value for signal<0> recognition	5 V
control current at DC rated value	40 mA
Safety related data	
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Electromagnetic compatibility	
conducted interference	
<ul style="list-style-type: none"> due to burst according to IEC 61000-4-4 	2 kV / 5 kHz behavior criterion 2
<ul style="list-style-type: none"> due to conductor-earth surge according to IEC 61000-4-5 	2 kV behavior criterion 2
<ul style="list-style-type: none"> due to conductor-conductor surge according to IEC 61000-4-5 	1 kV behavior criterion 2
<ul style="list-style-type: none"> due to high-frequency radiation according to IEC 61000-4-6 	140 dBuV in the frequency range 0.15 ... 80 MHz, behavior criterion 1
electrostatic discharge according to IEC 61000-4-2	4 kV contact discharging / 8 kV air discharging, behavior criterion 2
conducted HF interference emissions according to CISPR11	Class A for industrial environment
field-bound HF interference emission according to CISPR11	Class B for the domestic, business and commercial environments

Certificates/ approvals

General Product Approval	EMC	Declaration of Conformity			
 CSA	Confirmation	 UL		 RCM	 EG-Konf.

Declaration of Conformity	Test Certificates	other
	Type Test Certificates/Test Report	Confirmation

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3RF2950-0KA16-0KH0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RF2950-0KA16-0KH0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RF2950-0KA16-0KH0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RF2950-0KA16-0KH0&lang=en



