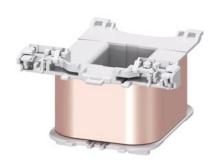
## **SIEMENS**

Data sheet 3RT2944-5AC21

magnetic coil 24 V AC, 50/60 Hz, for contactors 3RT2.4.-.A



product designation         Magnet coil           Substance Prohibitance (Date)         10/01/2014           type of voltage of the control supply voltage         AC           control supply voltage 1 at AC         ■ 15 0 Hz rated value         24 V           e at 50 Hz rated value         50 Hz         ■ 1 rated value         60 Hz           e 2 rated value         60 Hz         ■ 2 rated value         ■ 2 rated value         ■ 2 rated value         ■ 2 rated value         ■ 3 magnet coil at AC         ■ 3 magnet coil at AC	product brand name	SIRIUS
type of voltage of the control supply voltage 1 at AC         Control supply voltage 1 at AC           • at 50 Hz rated value         24 V           • at 60 Hz rated value         25 V Hz           control supply voltage frequency         60 Hz           • 1 rated value         60 Hz           • 2 rated value         60 Hz           operating range factor control supply voltage rated value of magnet coil at AC         8 1.1           • at 50 Hz         0.8 1.1           • at 60 Hz         348 VA           a at 50 Hz         348 VA           • at 50 Hz         0.62           • at 60 Hz         0.62           at 60 Hz         0.55           apparent holding power of magnet coil at AC         25 VA           • at 50 Hz         0.55           apparent holding power of magnet coil at AC         25 VA           • at 60 Hz         18 VA           inductive power factor with the holding power of the coil         0.35           • at 50 Hz         0.35           • at 60 Hz         0.35	product designation	Magnet coil
control supply voltage 1 at AC         24 V           • at 50 Hz rated value         24 V           control supply voltage frequency         50 Hz           • 1 rated value         60 Hz           • 2 rated value         60 Hz           operating range factor control supply voltage rated value of magnet coil at AC	Substance Prohibitance (Date)	10/01/2014
• at 50 Hz rated value 24 V  control supply voltage frequency • 1 rated value 50 Hz • 2 rated value 60 Hz  Operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz  apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz  at 60 Hz  O.85 1.1  apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz  at 60 Hz  O.62 • at 60 Hz  apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz  apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz  apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz  apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz  apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz  inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz  inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz  inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz  inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz  inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz  inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz	type of voltage of the control supply voltage	AC
• at 60 Hz rated value         24 V           control supply voltage frequency         50 Hz           • 1 rated value         60 Hz           operating range factor control supply voltage rated value of magnet coil at AC         0.8 1.1           • at 50 Hz         0.8 1.1           • at 60 Hz         0.8 1.1           apparent pick-up power of magnet coil at AC         348 VA           • at 50 Hz         296 VA           inductive power factor with closing power of the coil         0.62           • at 60 Hz         0.55           apparent holding power of magnet coil at AC         25 VA           • at 50 Hz         18 VA           • at 60 Hz         0.35           inductive power factor with the holding power of the coil         0.35           • at 50 Hz         0.35           • at 60 Hz         0.41	control supply voltage 1 at AC	
control supply voltage frequency       50 Hz         • 2 rated value       60 Hz         operating range factor control supply voltage rated value of magnet coil at AC       0.8 1.1         • at 50 Hz       0.85 1.1         • at 50 Hz       348 VA         • at 50 Hz       296 VA         • at 50 Hz       0.62         • at 50 Hz       0.55         apparent holding power of magnet coil at AC       0.55         • at 50 Hz       0.55         apparent holding power of magnet coil at AC       25 VA         • at 50 Hz       18 VA         inductive power factor with the holding power of the coil       0.35         • at 50 Hz       0.35         • at 60 Hz       0.41	at 50 Hz rated value	24 V
• 1 rated value • 2 rated value 60 Hz  operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz • at 60 Hz  apparent pick-up power of magnet coil at AC  • at 50 Hz • at 60 Hz  apparent pick-up power of magnet coil at AC  • at 50 Hz • at 60 Hz  at 60 Hz  50 Hz • at 60 Hz  60 Hz  60 62 • at 60 Hz  60 Hz  60 62 • at 60 Hz	• at 60 Hz rated value	24 V
• 2 rated value  operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz • at 60 Hz  apparent pick-up power of magnet coil at AC  • at 50 Hz • at 60 Hz  apparent pick-up power of magnet coil at AC  • at 50 Hz • at 60 Hz  296 VA  inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz  0.62 • at 60 Hz  apparent holding power of magnet coil at AC  • at 50 Hz • at 60 Hz  25 VA • at 60 Hz  inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz  0.35  • at 60 Hz  0.35 • at 60 Hz  0.35 • at 60 Hz	control supply voltage frequency	
operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz • at 60 Hz  apparent pick-up power of magnet coil at AC  • at 50 Hz • at 60 Hz  • at 60 Hz  inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz  • at 50 Hz • at 60 Hz  25 VA  at 60 Hz  inductive power factor with the holding power of the coil • at 50 Hz • at 50 Hz • at 60 Hz  inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz  inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz  inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz  inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz  inductive power factor with the holding power of the coil	• 1 rated value	50 Hz
magnet coil at AC         0.8 1.1           • at 50 Hz         0.85 1.1           apparent pick-up power of magnet coil at AC           • at 50 Hz         348 VA           • at 60 Hz         296 VA           inductive power factor with closing power of the coil           • at 50 Hz         0.62           • at 60 Hz         0.55           apparent holding power of magnet coil at AC           • at 50 Hz         25 VA           • at 60 Hz         18 VA           inductive power factor with the holding power of the coil         0.35           • at 50 Hz         0.41	2 rated value	60 Hz
apparent pick-up power of magnet coil at AC  at 50 Hz  at 60 Hz  348 VA  at 60 Hz  296 VA  inductive power factor with closing power of the coil  at 50 Hz  at 60 Hz  0.62  at 60 Hz  0.55  apparent holding power of magnet coil at AC  at 50 Hz  at 50 Hz  at 60 Hz  18 VA  inductive power factor with the holding power of the coil  at 50 Hz  at 60 Hz  0.35  at 60 Hz  0.41		
apparent pick-up power of magnet coil at AC  • at 50 Hz • at 60 Hz  inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz  • at 60 Hz  296 VA  inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz  at 50 Hz • at 50 Hz • at 50 Hz • at 60 Hz  inductive power factor with the holding power of the coil • at 50 Hz • at 50 Hz • at 60 Hz  inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz  0.35	● at 50 Hz	0.8 1.1
<ul> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>inductive power factor with closing power of the coil</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>at 60 Hz</li> <li>at 60 Hz</li> <li>at 50 Hz</li> <li>at 50 Hz</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>at 60 Hz</li> </ul>	• at 60 Hz	0.85 1.1
• at 60 Hz  inductive power factor with closing power of the coil     • at 50 Hz     • at 60 Hz  apparent holding power of magnet coil at AC     • at 50 Hz     • at 50 Hz     • at 60 Hz  inductive power factor with the holding power of the coil     • at 50 Hz     • at 60 Hz  inductive power factor with the holding power of the coil     • at 50 Hz     • at 60 Hz  0.35  • at 60 Hz	apparent pick-up power of magnet coil at AC	
inductive power factor with closing power of the coil  • at 50 Hz • at 60 Hz  apparent holding power of magnet coil at AC  • at 50 Hz • at 60 Hz  inductive power factor with the holding power of the coil  • at 50 Hz • at 60 Hz  inductive power factor with the holding power of the coil  • at 50 Hz • at 60 Hz  0.35 • at 60 Hz	● at 50 Hz	348 VA
● at 50 Hz ● at 60 Hz  apparent holding power of magnet coil at AC ● at 50 Hz ● at 60 Hz  inductive power factor with the holding power of the coil ● at 50 Hz ● at 50 Hz ● at 60 Hz  inductive power factor with the holding power of the coil ● at 50 Hz ● at 60 Hz  0.35	● at 60 Hz	296 VA
● at 60 Hz  apparent holding power of magnet coil at AC  ● at 50 Hz ● at 60 Hz  inductive power factor with the holding power of the coil ● at 50 Hz ● at 50 Hz ● at 60 Hz  0.35 ● at 60 Hz	inductive power factor with closing power of the coil	
apparent holding power of magnet coil at AC  • at 50 Hz • at 60 Hz  inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz  0.35 • at 60 Hz  0.41	● at 50 Hz	0.62
● at 50 Hz  ● at 60 Hz  Inductive power factor with the holding power of the coil  ● at 50 Hz  ● at 60 Hz  0.35  ● at 60 Hz  0.41	● at 60 Hz	0.55
at 60 Hz  Inductive power factor with the holding power of the coil  at 50 Hz  at 60 Hz  0.35  at 60 Hz  0.41	apparent holding power of magnet coil at AC	
inductive power factor with the holding power of the coil  • at 50 Hz  • at 60 Hz  0.35  • at 60 Hz	● at 50 Hz	25 VA
• at 50 Hz 0.35 • at 60 Hz 0.41	● at 60 Hz	18 VA
• at 60 Hz 0.41	inductive power factor with the holding power of the coil	
	● at 50 Hz	0.35
Approvals Certificates	• at 60 Hz	0.41
	Approvals Certificates	

General Product Approval

EMC Declaration of Conformity

Marine / Shipping

Confirmation











Marine / Shipping

other



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=3RT2944-5AC21

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RT2944-5AC21}}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2944-5AC21

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2944-5AC21&lang=en

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