SIEMENS

Data sheet

3RT2944-5AN61

magnetic coil 200 V AC, 50 Hz / 220 V, 60 Hz, for contactors 3RT2.4.-.A



product brand name SIRUS product designation Magnet coll Substance Prohibitance (Date) 10/01/2014 type of voltage of the control supply voltage AC control supply voltage 1 at AC 200 V • at 60 Hz rated value 60 Hz • at 60 Hz rated value 60 Hz opprating range factor control supply voltage rated value of magnet coll at AC 60 Hz • at 60 Hz 08 m. 1.1 • at 60 Hz 0.62 • at 60 Hz 0.62 • at 60 Hz 0.52 • at 60 Hz 0.55 • at 60 Hz 0.		
Substance Prohibilance (Date) 1001/2014 type of voltage of the control supply voltage AC control supply voltage 1 at AC 200 V • at 60 Hz rated value 50 Hz • at 60 Hz rated value 60 Hz • at 60 Hz 0.8 1.1 • at 60 Hz 0.62 • at 60 Hz 0.55 apparent holding power of magnet coil at AC 0.45 • at 60 Hz 0.35 •	product brand name	SIRIUS
type of voltage of the control supply voltage 1 at AC AC e at 50 Hz rated value 200 V e at 60 Hz 220 V control supply voltage 2 at AC 220 V e at 60 Hz rated value 220 V control supply voltage frequency 60 Hz e 1 at 60 Hz rated value 60 Hz control supply voltage frequency 60 Hz e 1 at 60 Hz 60 Hz control supply voltage frequency 60 Hz e 1 at 60 Hz 60 Hz operating range factor control supply voltage rated value of magnet coil at AC 60 Hz e at 60 Hz 0.8 1.1 e at 60 Hz 0.8 1.1 at 60 Hz 0.8 1.1 e at 60 Hz 0.8 1.1 e at 60 Hz 0.62 e at 60 Hz 0.55 e at 60 Hz 0.35 e at 60 Hz 0.35 e at 60 Hz 0.35 e at 60 Hz 0.41 e at 60 Hz 0.41 <	product designation	Magnet coil
operating control supply voltage 1 at AC 200 V • at 50 Hz rated value 200 V • at 60 Hz 200 V control supply voltage 2 at AC 220 V • at 60 Hz rated value 220 V control supply voltage frequency • 1 rated value • 1 rated value 50 Hz • 1 rated value 60 Hz operating range factor control supply voltage rated value of magnet coll at AC 0.8 1.1 • at 60 Hz 0.62 • at 60 Hz 0.55 • at 60 Hz 0.55 • at 60 Hz 0.55 • at 60 Hz 0.35 • at 60 Hz 0.41	Substance Prohibitance (Date)	10/01/2014
• at 50 Hz rated value 200 V • at 60 Hz 220 V control supply voltage 2 at AC 220 V • at 60 Hz rated value 220 V 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 coll at AC 0.8 1.1 • at 50 Hz 0.6 Z • at 60 Hz 0.6 Z • at 60 Hz 0.6 Z • at 60 Hz 0.5 Z • at 60 Hz 0.6 Z • at 60 Hz 0.5 Z • at 60 Hz 0.5 Z • at 60 Hz 0.4 Z	type of voltage of the control supply voltage	AC
• at 60 Hz 200 220 V control supply voltage 2 at AC • at 60 Hz rated value 220 V control supply voltage frequency 50 Hz • 1 rated value 50 Hz • 2 rated value 60 Hz operating range factor control supply voltage rated value of magnet coil at AC 60 Hz • 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 0.62 • at 50 Hz 0.55 apparent pick-up power of magnet coil at AC 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 0.55 • at 50 Hz 0.55 at 60 Hz 0.55 apparent holding power of the coil 0.35 • at 50 Hz 0.35 • at 60 Hz 0.35 • at 60 Hz 0.35 • at 60 Hz 0.41 /pprovals Certificates 0.41 Confirmation EMC Declaration of Conformity Marine / Shipping	control supply voltage 1 at AC	
Dotation of Conformity voltage 2 at AC • at 60 Hz rated value 220 V Control supply voltage frequency • 1 rated value 50 Hz • 2 rated value 60 Hz • at 50 Hz 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 50 Hz 0.8 1.1 apparent pick-up power of magnet coil at AC 0.8 1.1 • at 50 Hz 0.62 • at 50 Hz 0.62 • at 60 Hz 0.62 • at 60 Hz 0.55 apparent holding power of magnet coil at AC 0.62 • at 60 Hz 0.55 apparent holding power of magnet coil at AC 0.62 • at 60 Hz 0.55 apparent holding power of magnet coil at AC 0.55 • at 60 Hz 0.35 • at 60 Hz 0.41 • at 60 Hz 0.41	• at 50 Hz rated value	200 V
• at 60 Hz rated value 220 V control supply voltage frequency 50 Hz • 1 rated value 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 0.8 1.1 apparent pick-up power of magnet coil at AC 0.8 1.1 • at 50 Hz 0.8 1.1 apparent pick-up power of magnet coil at AC 0.48 VA • at 60 Hz 0.62 • at 60 Hz 0.62 • at 60 Hz 0.62 • at 60 Hz 0.55 apparent holding power of magnet coil at AC 0.62 • at 60 Hz 0.55 apparent holding power of magnet coil at AC 0.55 • at 60 Hz 0.55 apparent holding power of magnet coil at AC 0.55 • at 60 Hz 0.55 • at 60 Hz 0.35 • at 60 Hz 0.41 • at 60 Hz 0.41 • at 60 Hz 0.41 • at 60 Hz <th>• at 60 Hz</th> <th>200 220 V</th>	• at 60 Hz	200 220 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 60 Hz • at 50 Hz 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 0.8 1.1 • at 60 Hz 0.62 • at 60 Hz 0.41 inductive power factor with the holding power of the coil 0.35 • at 60 Hz 0.35 • at 60 Hz 0.35 • at 60 Hz 0.41	control supply voltage 2 at AC	
• 1 rated value 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 0.8 1.1 • at 60 Hz 0.85 1.1 apparent pick-up power of magnet coil at AC 348 VA • at 50 Hz 296 VA • at 60 Hz 0.62 • at 60 Hz 0.35 • at 60 Hz 0.35 • at 60 Hz 0.41	• at 60 Hz rated value	220 V
• 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 0.8 1.1 • at 60 Hz 0.8 1.1 • at 60 Hz 0.8 1.1 • at 50 Hz 0.8 1.1 • at 60 Hz 0.8 1.1 • at 50 Hz 0.62 • at 60 Hz 0.55 • at 60 Hz 0.55 • at 60 Hz 0.35 • at 60 Hz 0.41	control supply voltage frequency	
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 348 VA • at 60 Hz 296 VA Inductive power factor with closing power of the coil 6.62 • at 50 Hz 0.62 • at 60 Hz 0.55 • at 60 Hz 0.55 • at 60 Hz 0.55 • at 60 Hz 0.35 • at 60 Hz 0.35 • at 60 Hz 0.41	• 1 rated value	50 Hz
magnet coil at AC 0.8 1.1 • at 50 Hz 0.8 1.1 at 60 Hz 0.8 1.1 aparent pick-up power of magnet coil at AC 296 V. • at 50 Hz 296 V. • at 50 Hz 0.62 • at 50 Hz 0.62 • at 50 Hz 0.62 • at 60 Hz 0.55 • at 60 Hz 0.35 • at 60 Hz 0.35 • at 60 Hz 0.41	2 rated value	60 Hz
• at 60 Hz 0.85 1.1 apparent pick-up power of magnet coil at AC 348 VA • at 50 Hz 296 VA • at 60 Hz 296 VA inductive power factor with closing power of the coil 0.62 • at 60 Hz 0.35 • at 60 Hz 0.41 * at 60 Hz 0.41		
apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz at 50 Hz at 60 Hz at 60 Hz at 50 Hz at 50 Hz at 60 Hz at 50 Hz at 60 Hz beclaration of Conformity Marine / Shipping 	• at 50 Hz	0.8 1.1
• at 50 Hz 348 VA • at 60 Hz 296 VA inductive power factor with closing power of the coll 0.62 • at 50 Hz 0.55 apparent holding power of magnet coil at AC 0.55 • at 50 Hz 0.55 • at 50 Hz 0.55 • at 50 Hz 0.55 • at 60 Hz 18 VA • at 60 Hz 0.35 • at 60 Hz 0.41	• at 60 Hz	0.85 1.1
e at 60 Hz 296 VA inductive power factor with closing power of the coll e at 50 Hz at 60 Hz at 50 Hz at 50 Hz at 50 Hz at 50 Hz at 60 Hz at 50 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 • at 50 Hz • at 50 Hz • at 60 Hz	• at 50 Hz	348 VA
• at 50 Hz0.62• at 60 Hz0.55apparent holding power of magnet coil at AC25 VA• at 50 Hz18 VA• at 60 Hz0.35• at 50 Hz0.35• at 50 Hz0.41• at 50 Hz0.41• at 60 Hz0.41Marine / ShippingConfirmationEMCDeclaration of ConformityMarine / ShippingConfirmationEMCConfirmationEMCEMCDeclaration of ConformityMarine / Shipping	• at 60 Hz	296 VA
 at 60 Hz at 50 Hz at 50 Hz at 60 Hz 25 VA at 60 Hz 18 VA inductive power factor with the holding power of the coil at 50 Hz at 50 Hz at 60 Hz 0.35 at 60 Hz 0.35 at 60 Hz 0.41 Approvals Certificates General Product Approval EMC Declaration of Conformity Marine / Shipping	inductive power factor with closing power of the coil	
apparent holding power of magnet coil at AC 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 Approvals Certificates General Product Approval EMC Declaration of Conformity Marine / Shipping Confirmation EMC Declaration of Conformity Declaration of Conformity Distribution Distribution Confirmation EMC Declaration of Conformity Distribution Distribution Confirmation EMC Distribution Distributi	• at 50 Hz	0.62
 at 50 Hz at 60 Hz at 60 Hz at 60 Hz at 50 Hz at 50 Hz at 60 Hz 0.35 at 60 Hz 0.41 Approvals Certificates General Product Approval EMC Declaration of Conformity Marine / Shipping Confirmation EMC EMC Declaration of Conformity Marine / Shipping EMC Declaration of Conformity Marine / Shipping Image: Confirmation Image: C	• at 60 Hz	0.55
 at 60 Hz at 50 Hz at 50 Hz at 60 Hz 0.35 at 60 Hz 0.41 Approvals Certificates General Product Approval EMC Declaration of Conformity Marine / Shipping Confirmation EMC Declaration of Conformity Marine / Shipping	apparent holding power of magnet coil at AC	
inductive power factor with the holding power of the coil 0.35 • at 50 Hz 0.41 • at 60 Hz 0.41	• at 50 Hz	25 VA
 at 50 Hz at 60 Hz 0.35 o.41 Approvals Certificates General Product Approval EMC Declaration of Conformity Marine / Shipping Confirmation EFFC EF	• at 60 Hz	18 VA
• at 60 Hz 0.41 Approvals Certificates General Product Approval EMC Declaration of Conformity Marine / Shipping Confirmation Effect Effect Ege-Konf. UK Ege-Konf.	inductive power factor with the holding power of the coil	
Approvals Certificates EMC Declaration of Conformity Marine / Shipping Confirmation Effect Ege Line Line <thline< th=""> <thline< th=""> Line <t< th=""><th>• at 50 Hz</th><th>0.35</th></t<></thline<></thline<>	• at 50 Hz	0.35
General Product Approval EMC Declaration of Conformity Marine / Shipping Confirmation Effect Effect Effect UK RCM Effect Effect UK	• at 60 Hz	0.41
Confirmation Effe k_{RCM} $k_{EG-Konf.}$ UK k_{RCM}	Approvals Certificates	
	General Product Approval EMC	Declaration of Conformity Marine / Shipping
Marine / Shipping other	Confirmation ERIC	
	Marine / Shipping other	



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=3RT2944-5AN61
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2944-5AN61
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RT2944-5AN61
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2944-5AN61⟨=en

last modified:

7/6/2022 🖸