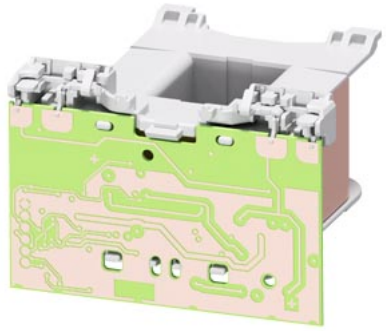
SIEMENS

Data sheet 3RT2944-5NF31

magnetic coil, 84-155 V AC/DC, 50/60 Hz, with integrated varistor, for contactor 3RT2.4.-.N



product brand name	SIRIUS
product category	Solenoid coils
product designation	Magnet coil
product type designation	3RT29
General technical data	
Substance Prohibitance (Date)	10/01/2014
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5
Weight	0.297 kg
type of voltage of the control supply voltage	AC/DC
control supply voltage 1 at AC	
● at 50 Hz	84 ... 155 V
● at 60 Hz	84 ... 155 V
control supply voltage 2 at AC	
● at 50 Hz rated value	155 V
● at 60 Hz rated value	155 V
control supply voltage frequency	
● **1 rated value**	50 Hz
● **2 rated value**	60 Hz
control supply voltage 1 at DC	84 ... 155 V
control supply voltage 2 at DC rated value	155 V
operating range factor control supply voltage rated value of magnet coil at AC	
● at 50 Hz	0.8 ... 1.1
● at 60 Hz	0.8 ... 1.1
apparent pick-up power of magnet coil at AC	
● at 50 Hz	163 VA
● at 60 Hz	163 VA
inductive power factor with closing power of the coil	
● at 50 Hz	0.95
● at 60 Hz	0.95
apparent holding power of magnet coil at AC	
● at 50 Hz	3.1 VA
● at 60 Hz	3.1 VA
inductive power factor with the holding power of the coil	
● at 50 Hz	0.95
● at 60 Hz	0.95

Approvals Certificates

General Product Approval	EMV	Maritime application

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other		Environment
产品合格 QC PASS	Confirmation	Environmental Confirmations

Further information

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=3RT2944-5NF31
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2944-5NF31
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RT2944-5NF31
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2944-5NF31&lang=en

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