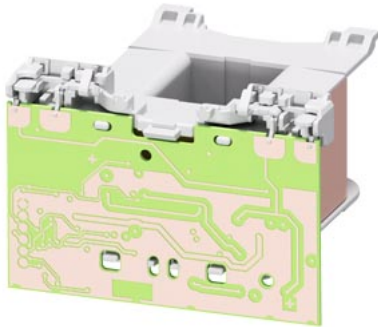


magnetic coil, 48-80 V AC/DC, 50/60 Hz, with integrated varistor, for contactor 3RT2.4.-N



product brand name	SIRIUS
product category	Solenoid coils
product designation	Magnet coil
product type designation	3RT29
<b>General technical data</b>	
Substance Prohibition (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	0.295 kg
type of voltage of the control supply voltage	AC/DC
control supply voltage 1 at AC	
• at 50 Hz	48 ... 80 V
• at 60 Hz	48 ... 80 V
control supply voltage 2 at AC	
• at 50 Hz rated value	80 V
• at 60 Hz rated value	80 V
control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
control supply voltage 1 at DC	48 ... 80 V
control supply voltage 2 at DC rated value	80 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
<b>Approvals Certificates</b>	
General Product Approval	EMV
	Maritime application



other

Environment



[Confirmation](#)

[Environmental Con-  
firmations](#)

#### Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3RT2944-5NE31>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2944-5NE31>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RT2944-5NE31>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RT2944-5NE31&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2944-5NE31&lang=en)

last modified:

4/2/2025