



magnetic coil 48 V AC, 50/60 Hz, for contactors 3RT2023-.A, 3RT2024-.A and 3RT2025-.A

|                                                                                |                |
|--------------------------------------------------------------------------------|----------------|
| product brand name                                                             | SIRIUS         |
| product category                                                               | Solenoid coils |
| product designation                                                            | Magnet coil    |
| General technical data                                                         |                |
| power loss [V·A] of magnet coil at AC typical                                  | 7.9 VA         |
| Substance Prohibition (Date)                                                   | 10/01/2009     |
| Weight                                                                         | 0.078 kg       |
| type of voltage of the control supply voltage                                  | AC             |
| control supply voltage 1 at AC                                                 |                |
| • at 50 Hz rated value                                                         | 48 V           |
| • at 60 Hz rated value                                                         | 48 V           |
| operating range factor control supply voltage rated value of magnet coil at AC |                |
| • at 50 Hz                                                                     | 0.8 ... 1.1    |
| • at 60 Hz                                                                     | 0.85 ... 1.1   |
| apparent pick-up power of magnet coil at AC                                    |                |
| • at 50 Hz                                                                     | 65 VA          |
| • at 60 Hz                                                                     | 73 VA          |
| inductive power factor with closing power of the coil                          |                |
| • at 50 Hz                                                                     | 0.82           |
| • at 60 Hz                                                                     | 0.76           |
| apparent holding power of magnet coil at AC                                    |                |
| • at 50 Hz                                                                     | 7.6 VA         |
| • at 60 Hz                                                                     | 7.2 VA         |
| inductive power factor with the holding power of the coil                      |                |
| • at 50 Hz                                                                     | 0.25           |
| • at 60 Hz                                                                     | 0.28           |

|                          |     |                   |
|--------------------------|-----|-------------------|
| Approvals Certificates   |     |                   |
| General Product Approval | EMV | Marine / Shipping |

[Confirmation](#)



|                   |       |             |
|-------------------|-------|-------------|
| Marine / Shipping | other | Environment |
|-------------------|-------|-------------|



[Confirmation](#)

[Miscellaneous](#)

[Environmental Con-  
firmations](#)

#### 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=3RT2924-5AH21>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2924-5AH21>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RT2924-5AH21>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RT2924-5AH21&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2924-5AH21&lang=en)

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last modified:

1/10/2024