



mechanical latch, 110 V AC/DC, for contactors 3RT202, 3RT232, 3RT252

product brand name	SIRIUS
product designation	mechanical latch
<b>General technical data</b>	
size of contactor	S0
insulation voltage with degree of pollution 3 at AC rated value	300 V
power loss [W] of magnet coil at DC typical	4 W
power loss [V·A] of magnet coil at AC typical	4 VA
surge voltage resistance rated value	4 kV
protection class IP on the front	IP20
certificate of suitability	CE / UL / CSA
Substance Prohibition (Date)	10/01/2009
type of voltage of the control supply voltage	AC/DC
control supply voltage 1 at AC	
• at 50 Hz rated value	110 V
• at 60 Hz rated value	110 V
control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
control supply voltage 1 at DC rated value	110 V
operating range factor control supply voltage rated value of magnet coil	
• initial value	0.85
• full-scale value	1.1
operating range factor control supply voltage rated value of magnet coil at DC	
• initial value	0.85
• full-scale value	1.1
operating range factor control supply voltage rated value of magnet coil at AC	
• at 50 Hz	0.85 ... 1.1
• at 60 Hz	0.85 ... 1.1
number of NC contacts for auxiliary contacts	0
• instantaneous contact	0
• lagging switching	0
number of NO contacts for auxiliary contacts	0
• instantaneous contact	0
• leading contact	0
<b>Ambient conditions</b>	
ambient temperature	
• during operation	-25 ... +60 °C
• during storage	-50 ... +80 °C

Installation/ mounting/ dimensions	
mounting position	any
fastening method	clip-on
height	48.4 mm
width	22 mm
depth	84.3 mm

Connections/ Terminals	
type of electrical connection for auxiliary and control circuit	screw-type terminals
connectable conductor cross-section for auxiliary contacts	
• solid or stranded	0.5 ... 4 mm <sup>2</sup>
• finely stranded with core end processing	0.5 ... 2.5 mm <sup>2</sup>
type of connectable conductor cross-sections	
• for auxiliary contacts	
— solid	2x (0.5 ... 2.5 mm <sup>2</sup> ), 1x 4 mm <sup>2</sup>
— finely stranded with core end processing	2x (0.5 ... 2.5 mm <sup>2</sup> ), 1x 2.5 mm <sup>2</sup>
• for AWG cables for auxiliary contacts	2x 14, 1x 12
AWG number as coded connectable conductor cross section for auxiliary contacts	14 ... 12

Approvals Certificates		
General Product Approval	EMC	Declaration of Con- formity



[Confirmation](#)



Declaration of Con- formity	Test Certificates	other	Railway
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[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[Confirmation](#)



[Vibration and Shock](#)

## Environment

[Environmental Con-  
firmations](#)

## 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=3RT2926-3AF31>

Cax online generator

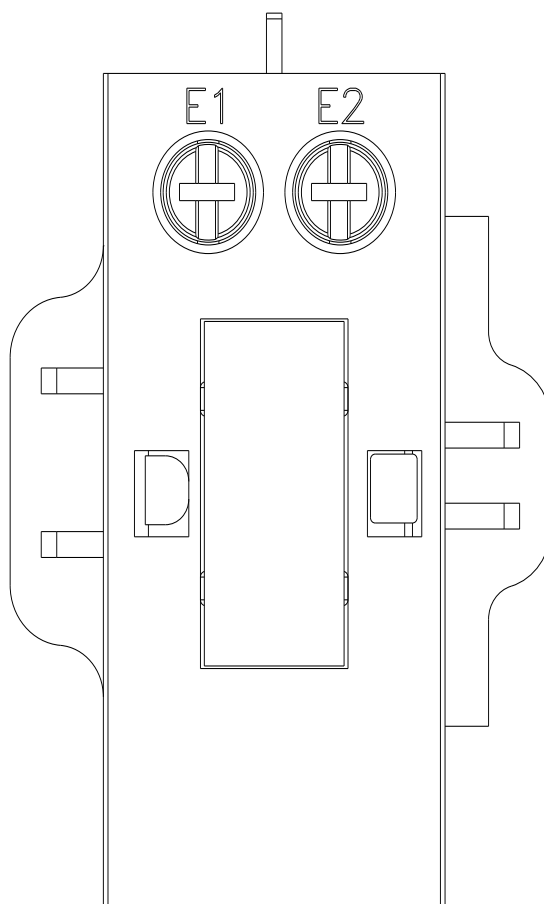
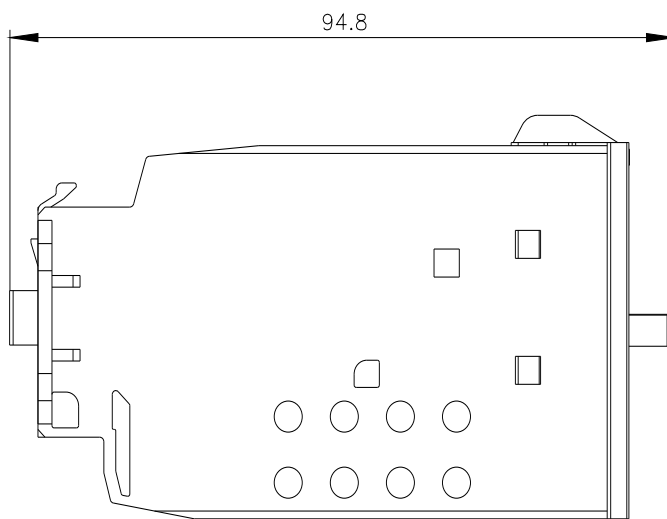
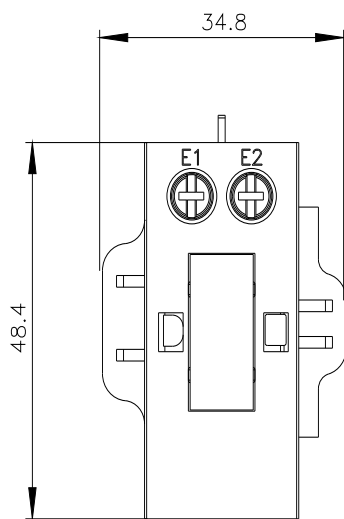
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2926-3AF31>

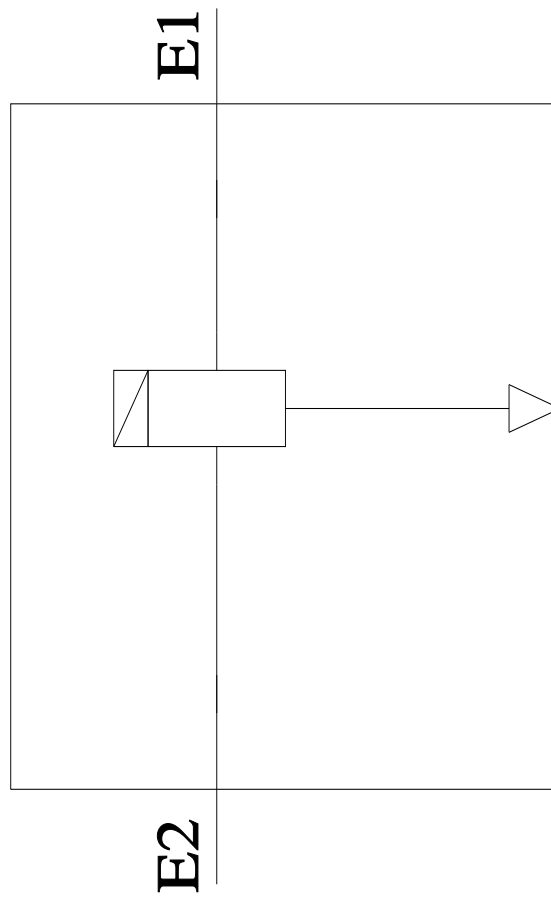
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RT2926-3AF31>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RT2926-3AF31&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2926-3AF31&lang=en)





last modified:

7/2/2022 

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