



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

<b>product brand name</b>	SIRIUS
<b>product category</b>	Latching blocks
<b>product designation</b>	mechanical latch
<b>General technical data</b>	
<b>size of contactor</b>	S0
insulation voltage with degree of pollution 3 at AC rated value	300 V
<b>power loss [W] of magnet coil at DC typical</b>	4 W
<b>power loss [V·A] of magnet coil at AC typical</b>	4 VA
<b>surge voltage resistance rated value</b>	4 kV
protection class IP on the front	IP20
<b>Substance Prohibitance (Date)</b>	10/01/2009
<b>SVHC substance name</b>	Lead - 7439-92-1
<b>Weight</b>	0.122 kg
<b>type of voltage of the control supply voltage</b>	AC/DC
<b>control supply voltage 1 at AC</b>	
• at 50 Hz rated value	110 V
• at 60 Hz rated value	110 V
<b>control supply voltage frequency</b>	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
<b>control supply voltage 1 at DC rated value</b>	110 V
<b>operating range factor control supply voltage rated value of magnet coil</b>	
• initial value	0.85
• full-scale value	1.1
<b>operating range factor control supply voltage rated value of magnet coil at DC</b>	
• initial value	0.85
• full-scale value	1.1
<b>operating range factor control supply voltage rated value of magnet coil at AC</b>	
• at 50 Hz	0.85 ... 1.1
• at 60 Hz	0.85 ... 1.1
<b>number of NC contacts for auxiliary contacts</b>	0
• instantaneous contact	0
• lagging switching	0
<b>number of NO contacts for auxiliary contacts</b>	0
• instantaneous contact	0
• leading contact	0
<b>Ambient conditions</b>	
<b>ambient temperature</b>	

- during operation -25 ... +60 °C
- during storage -50 ... +80 °C

#### Environmental footprint

Environmental Product Declaration(EPD)	Yes
Global Warming Potential [CO2 eq] total	7.04 kg
Global Warming Potential [CO2 eq] during manufacturing	0.089 kg
Global Warming Potential [CO2 eq] during operation	6.96 kg
Global Warming Potential [CO2 eq] after end of life	-0.0061 kg

#### 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
<b>connectable conductor cross-section for auxiliary contacts</b>	
• solid or stranded	0.5 ... 4 mm <sup>2</sup>
• finely stranded with core end processing	0.5 ... 2.5 mm <sup>2</sup>
<b>type of connectable conductor cross-sections</b>	
• 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



[Confirmation](#)



EMV	Test Certificates	other	Railway
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[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[Miscellaneous](#)

[Confirmation](#)

[Special Test Certificate](#)

#### Environment



[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=3RT2926-3AF31>

##### Cax online generator

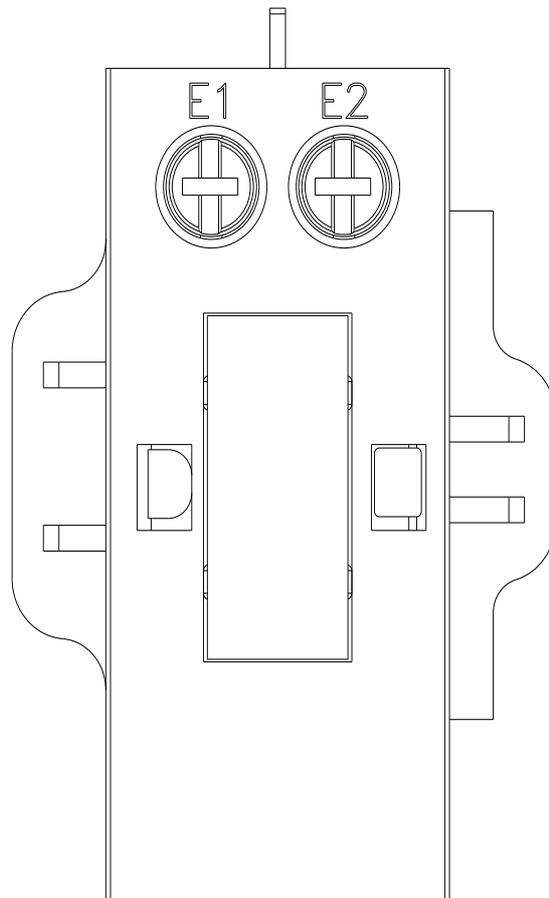
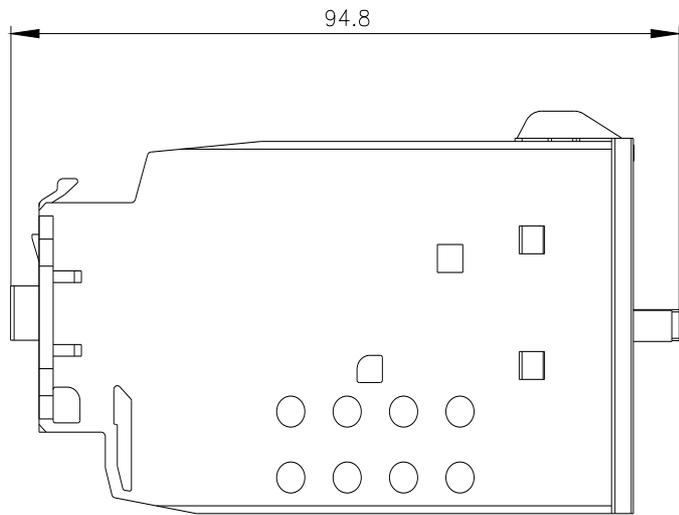
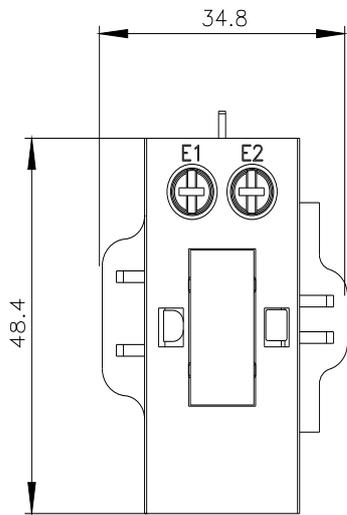
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2926-3AF31>

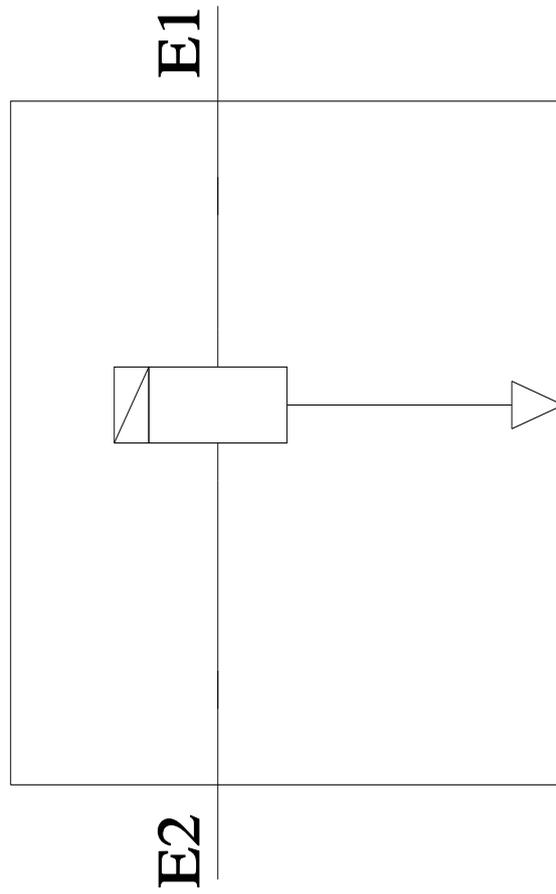
##### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<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)





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5/29/2024 