









mechanical latch, 24 V AC/DC, for contactors 3RT202, 3RT232, 3RT252

product brand name	SIRIUS
product category	Latching blocks
product designation	mechanical latch
product type designation	3RT29
General technical data	
certificate of suitability	CE / UL / CSA
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
Substance Prohibitance (Date)	10/01/2009
SVHC substance name	Lead - 7439-92-1
Weight	0.121 kg
type of voltage of the control supply voltage	AC/DC
control supply voltage 1 at AC	
• at 50 Hz rated value	24 V
• at 60 Hz rated value	24 V
control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
control supply voltage 1 at DC rated value	24 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

Ambient conditions			
ambient temperature			
• 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	
connectable conductor cross-section for auxiliary contacts			
• solid or stranded		0.5 ... 4 mm²	
• finely stranded with core end processing		0.5 ... 2.5 mm²	
type of connectable conductor cross-sections			
• for auxiliary contacts			
— solid		2x (0.5 ... 2.5 mm²), 1x 4 mm²	
— finely stranded with core end processing		2x (0.5 ... 2.5 mm²), 1x 2.5 mm²	
• 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		EMV	Test Certificates
			
			Special Test Certificate
Test Certificates	other	Railway	Environment
Type Test Certificates/Test Report	Miscellaneous	Confirmation	Special Test Certificate
			Environmental Confirmations

Information on the packaging

Information- and Downloadcenter (Catalogs, Brochures....)

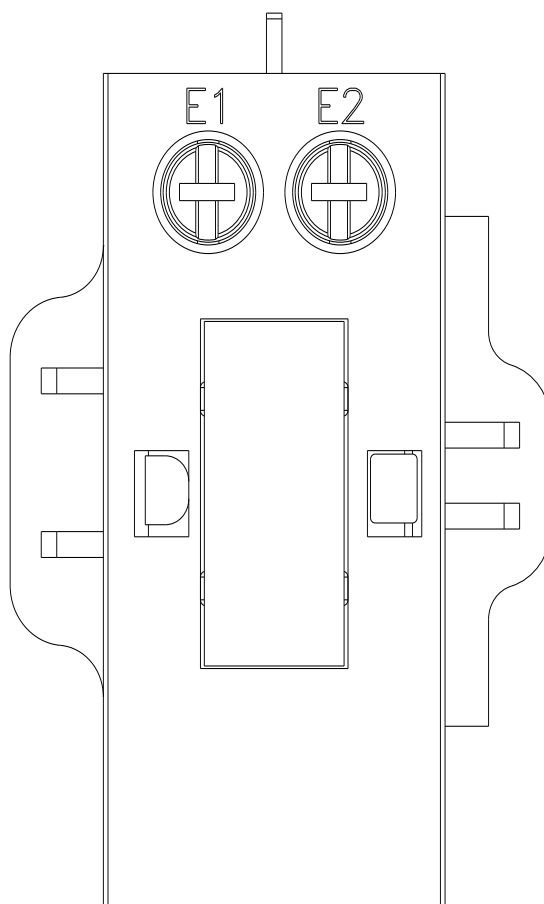
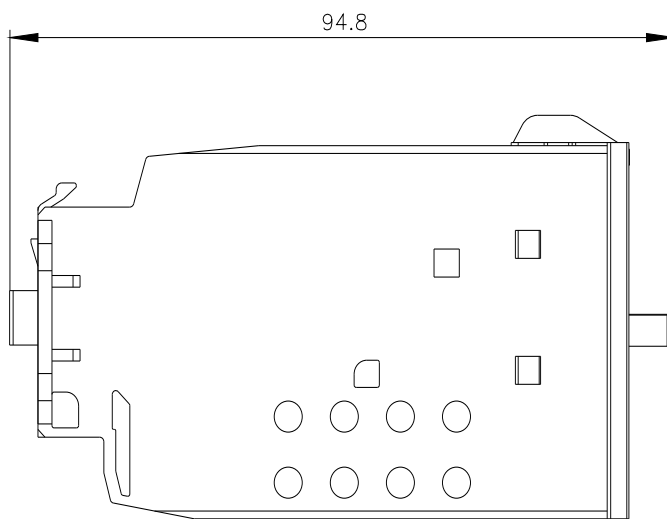
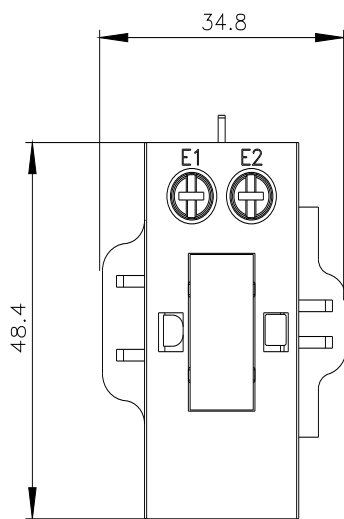
<https://www.siemens.com/ic10>

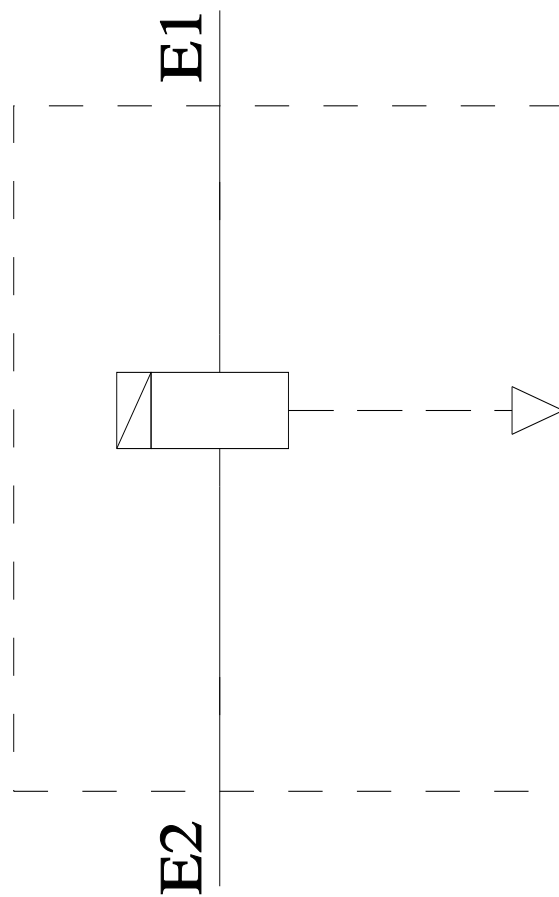
Industry Mall (Online ordering system)

Cax online generator

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

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





last modified:

4/2/2025 