SIEMENS

Data sheet 3RT2926-3AB31



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 (day/month/year)	10/01/2009
SVHC substance name	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one CAS-No. 71868-10-5 Melamine CAS-No. 108-78-1
Net Weight	108.7 g
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

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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
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	
Environmental Product Declaration	
• global warming potential [CO2 eq] / during manufacturing	0.0885 kg
• global warming potential [CO2 eq] / during operation	6.96 kg
• global warming potential [CO2 eq] / after end of life	-0.0061 kg
• global warming potential [CO2 eq] / total	7.04 kg

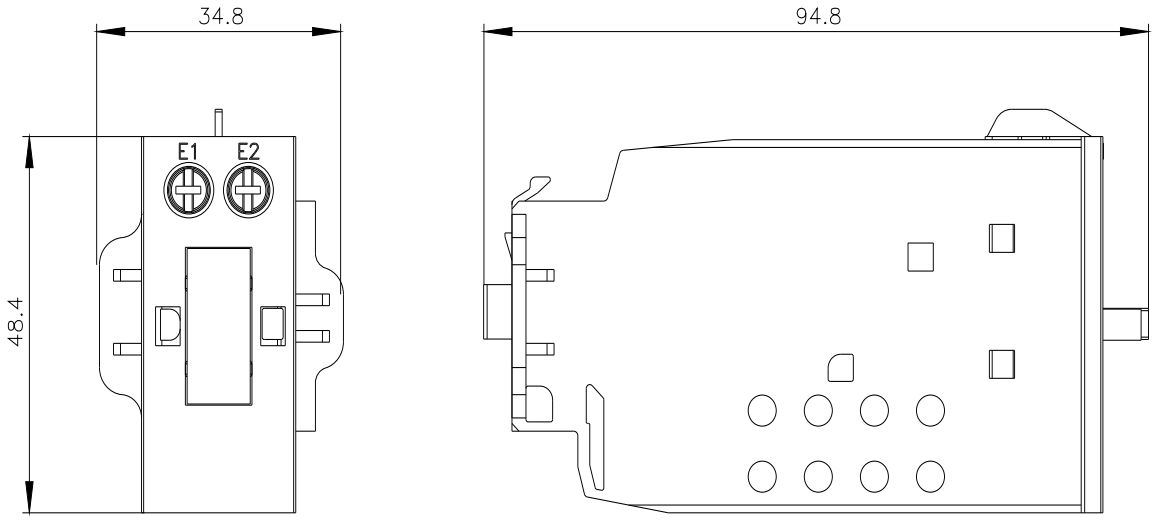
Environment	General Product Approval	EMV
Environmental Confirmations		

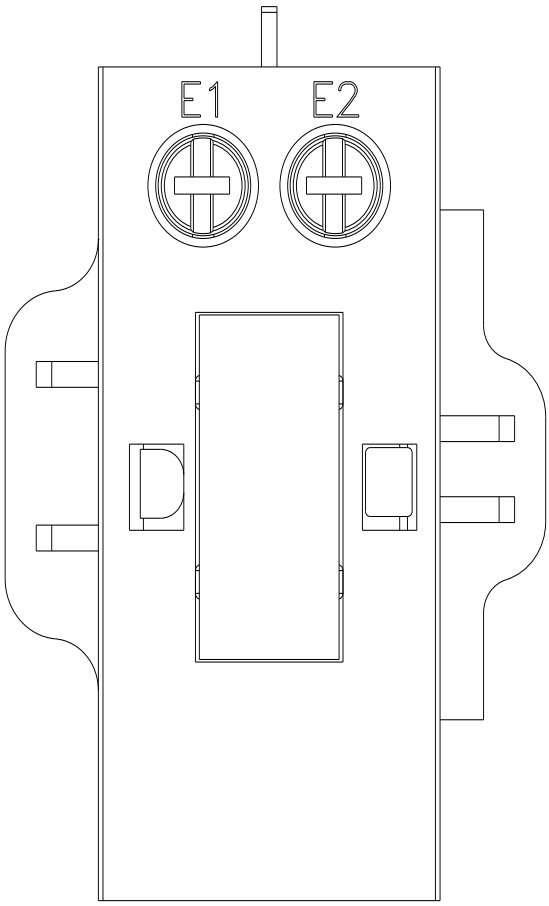
Test Certificates		other			Railway
Type Test Certificates/Test Report	Special Test Certificate	Confirmation	Miscellaneous		Special Test Certificate

Further information

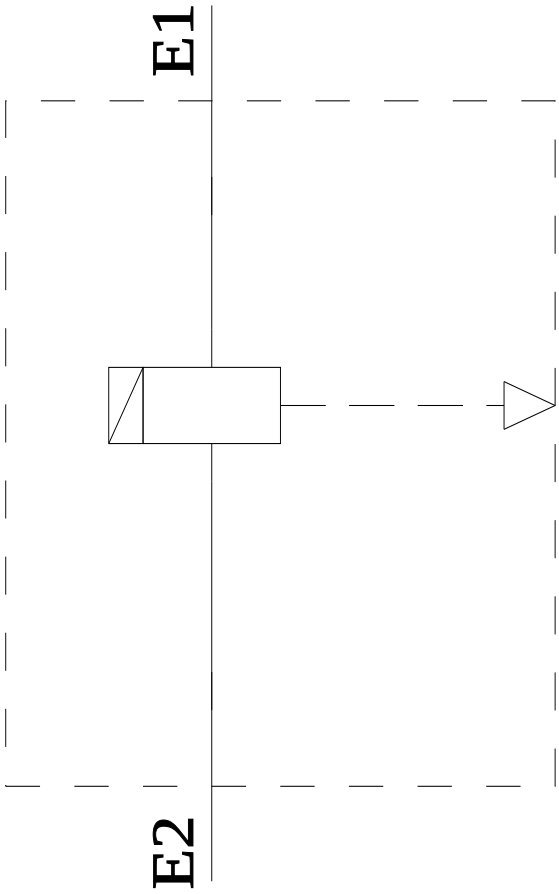
Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10
Industry Mall (Online ordering system)
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Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2926-3AB31
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RT2926-3AB31
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
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