

MECHANICAL LATCH AC/DC 110V FOR MOTOR CONTACTORS SZ S0

General technical data:

product brand name		SIRIUS
Product designation		mechanical latch
Size of contactor		S0
Protection class IP on the front		IP20
Insulation voltage with degree of pollution 3 Rated value	V	690
Apparent power loss of the magnet coil with AC typical	V·A	4
Active power loss of the magnet coil for DC typical	W	4
Pulse duration for switching off		
• with AC	ms	18 ... 31
• for DC	ms	18 ... 26
Ambient temperature		
• during storage	°C	-50 ... +80
• during operation	°C	-25 ... +60

Auxiliary circuit:

Number of NC contacts		
• for auxiliary contacts instantaneous contact		0
• for auxiliary contacts lagging switching		0
• for auxiliary contacts		0
Number of NO contacts		
• for auxiliary contacts instantaneous contact		0
• for auxiliary contacts leading contact		0
• for auxiliary contacts		0

Control circuit/ Control:		
Type of voltage of the control supply voltage		AC/DC
Control supply voltage frequency		
• 1 Rated value	Hz	50
• 2 Rated value	Hz	60
Control supply voltage 1		
• for DC Rated value	V	110
• with AC		
— at 50 Hz Rated value	V	110
— at 60 Hz Rated value	V	110
Operating range factor control supply voltage rated value of the magnet coil		0.85 ... 1.1
• with AC at 50 Hz		0.85 ... 1.1
• with AC at 60 Hz		0.85 ... 1.1
• for DC		0.85 ... 1.1

Installation/ mounting/ dimensions:		
Mounting type		clip-on
mounting position		any
Width	mm	22
Height	mm	48.4
Depth	mm	84.3

Connections/ Terminals:		
Type of electrical connection for auxiliary and control current circuit		screw-type terminals
Type of connectable conductor cross-section		
• for auxiliary contacts		
— solid		2x (0.5 ... 2.5 mm ²), 1x 4 mm ²
— finely stranded		
— with core end processing		2x (0.5 ... 2.5 mm ²), 1x 2.5 mm ²
• for AWG conductors for auxiliary contacts		2x 14, 1x 12

Certificates/ approvals:		
Certificate of suitability		CE / UL / CSA / CCC

General Product Approval	Declaration of Conformity	Test Certificates
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[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

other

[Environmental Confirmations](#)

[Confirmation](#)



Further information

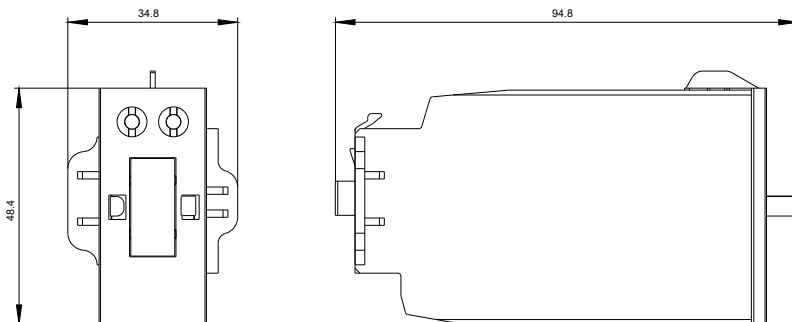
Information- and Downloadcenter (Catalogs, Brochures,...)
<http://www.siemens.com/industrial-controls/catalogs>

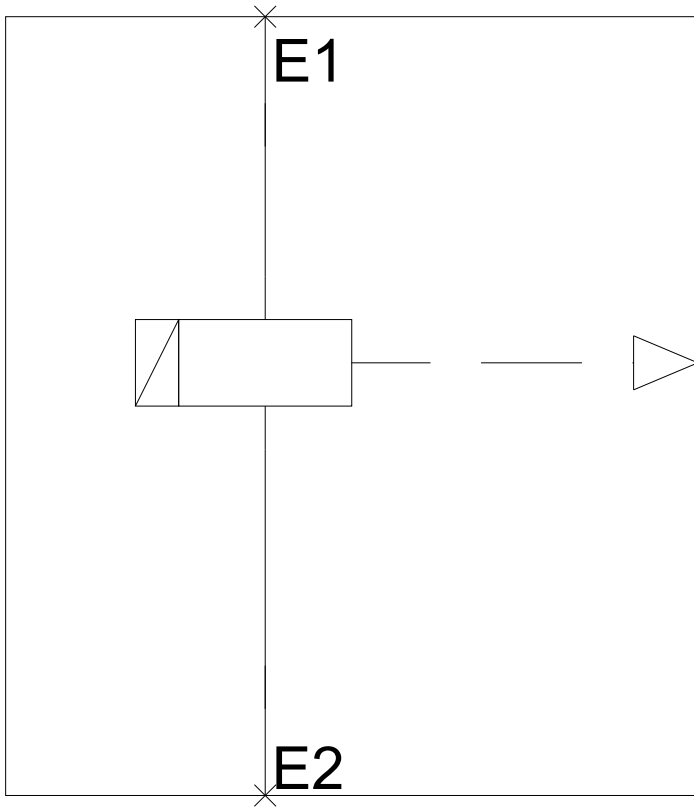
Industry Mall (Online ordering system)
<http://www.siemens.com/industrymall>

Cax online generator
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT29263AF31>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<http://support.automation.siemens.com/WW/view/en/3RT29263AF31/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RT29263AF31&lang=en>





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