

MECHANICAL LATCH AC/DC 24V FOR MOTOR CONTACTORS SZ S0

General technical data:

<b>product brand name</b>		SIRIUS
<b>Product designation</b>		mechanical latch
<b>Size of contactor</b>		S0
<b>Protection class IP on the front</b>		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
<b>Ambient temperature</b>		
• during storage	°C	-50 ... +80
• during operation	°C	-25 ... +60

Auxiliary circuit:

<b>Number of NC contacts</b>		
• for auxiliary contacts instantaneous contact		0
• for auxiliary contacts lagging switching		0
• for auxiliary contacts		0
<b>Number of NO contacts</b>		
• 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	24
• with AC		
— at 50 Hz Rated value	V	24
— at 60 Hz Rated value	V	24
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 <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 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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[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

**other**

[Environmental Confirmations](#)

[Confirmation](#)



**Further information**

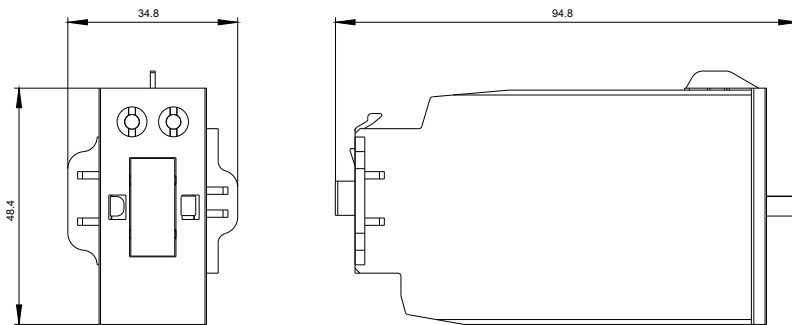
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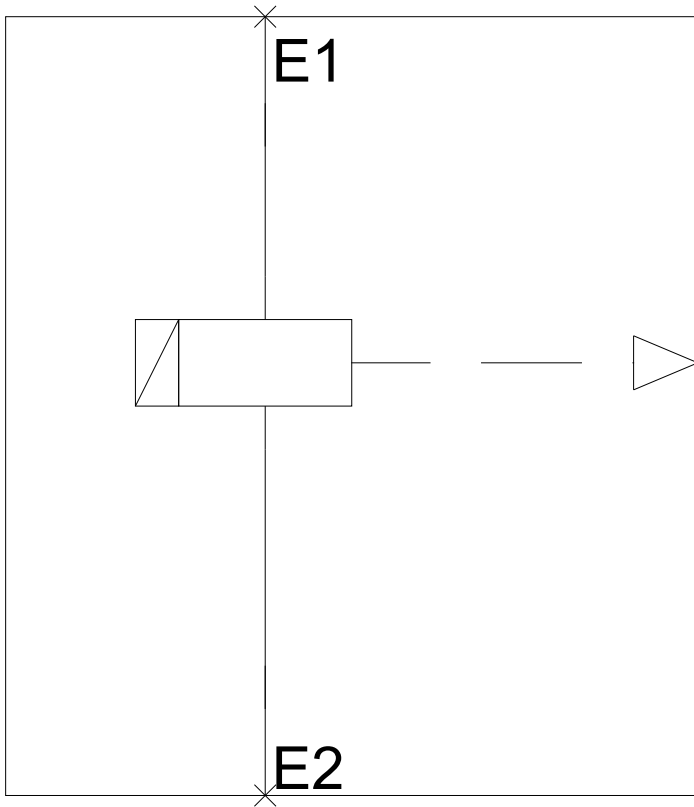
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**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
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**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**  
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last modified:

09.03.2015