

CONTACTOR, 3-POLE, AC-3, 11 KW/ 400 V,  
24 V DC SIZE S0,  
CAGE CLAMP 2 NO + 2 NC, PERMANENT

### General technical data:

product brand name		SIRIUS
Size of the contactor		S0
Protection class IP / on the front		IP20
Degree of pollution		3
Installation altitude / at a height over sea level / maximum	m	2,000
Ambient temperature / during operating	°C	-25 ... +60
Mechanical operating cycles as operating time		
<ul style="list-style-type: none"> <li>• of the contactor / typical</li> </ul>		10,000,000
<ul style="list-style-type: none"> <li>• of the contactor with added auxiliary switch block / typical</li> </ul>		10,000,000
<ul style="list-style-type: none"> <li>• of the contactor with added electronics-compatible auxiliary switch block / typical</li> </ul>		5,000,000

### Main circuit:

Number of NC contacts / for main contacts		0
Number of NO contacts / for main contacts		3
Operating current		
<ul style="list-style-type: none"> <li>• at AC-1 / at 400 V <ul style="list-style-type: none"> <li>• at 40 °C ambient temperature / rated value</li> </ul> </li> </ul>	A	40
<ul style="list-style-type: none"> <li>• at AC-3 / at 400 V / rated value</li> </ul>	A	25
<ul style="list-style-type: none"> <li>• at AC-4 / at 400 V / rated value</li> </ul>	A	15.5
<ul style="list-style-type: none"> <li>• with 1 current path / at DC-1 <ul style="list-style-type: none"> <li>• at 24 V / rated value</li> <li>• at 110 V / rated value</li> </ul> </li> </ul>	A	35
<ul style="list-style-type: none"> <li>• with 2 current paths in series / at DC-1 <ul style="list-style-type: none"> <li>• at 24 V / rated value</li> <li>• at 110 V / rated value</li> </ul> </li> </ul>	A	35
<ul style="list-style-type: none"> <li>• with 3 current paths in series / at DC-1 <ul style="list-style-type: none"> <li>• at 24 V / rated value</li> <li>• at 110 V / rated value</li> </ul> </li> </ul>	A	35
<ul style="list-style-type: none"> <li>• with 1 current path / at DC-3 / at DC-5 <ul style="list-style-type: none"> <li>• at 24 V / rated value</li> <li>• at 110 V / rated value</li> </ul> </li> </ul>	A	20
<ul style="list-style-type: none"> <li>• at 110 V / rated value</li> </ul>	A	2.5

<ul style="list-style-type: none"> <li>with 2 current paths in series / at DC-3 / at DC-5 <ul style="list-style-type: none"> <li>at 24 V / rated value</li> <li>at 110 V / rated value</li> </ul> </li> <li>with 3 current paths in series / at DC-3 / at DC-5 <ul style="list-style-type: none"> <li>at 24 V / rated value</li> <li>at 110 V / rated value</li> </ul> </li> </ul>	A	35
	A	15
	A	35
	A	35
<b>Service power</b>		
<ul style="list-style-type: none"> <li>at AC-2 / at 400 V / rated value</li> <li>at AC-3 / at 400 V / rated value</li> <li>at AC-4 / at 400 V / rated value</li> </ul>	kW	11
	kW	11
	W	7,500

Control circuit:		
<b>Voltage type / of control feed voltage</b>		DC
<b>Operating range factor control supply voltage rated value / of the magnet coil</b>		
<ul style="list-style-type: none"> <li>for DC</li> </ul>		0.8 ... 1.1
<b>Pull-in power / of the solenoid / for DC</b>	W	5.4
<b>Holding power / of the solenoid / for DC</b>	W	5.4

Auxiliary circuit:		
<b>Contact reliability / of the auxiliary contacts</b>		1 faulty switching per 100 million (17 V, 1 mA)
<b>Number of NC contacts / for auxiliary contacts / instantaneous switching</b>		2
<b>Number of NO contacts / for auxiliary contacts / instantaneous switching</b>		2





Short-circuit:		
<b>Design of the fuse link</b>		
<ul style="list-style-type: none"> <li>for short-circuit protection of the auxiliary switch / required</li> <li>for short-circuit protection of the main circuit <ul style="list-style-type: none"> <li>with type of assignment 1 / required</li> <li>at type of coordination 2 / required</li> </ul> </li> </ul>		fuse gL/gG: 10 A  fuse gL/gG: 100 A  fuse gL/gG: 35 A

Installation/mounting/dimensions:		
<b>Mounting type</b>		screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
<b>series installation</b>		Yes
<b>Width</b>	mm	45
<b>Height</b>	mm	85
<b>Depth</b>	mm	150
<b>Distance, to be maintained, to earthed part / sideways</b>	mm	6

### Connection type:

<b>Design of the electrical connection</b> <ul style="list-style-type: none"> <li>• for main current circuit</li> <li>• for auxiliary and control current circuit</li> </ul>		screw-type terminals Cage Clamp terminals
<b>Type of the connectable conductor cross-section</b> <ul style="list-style-type: none"> <li>• for main contacts <ul style="list-style-type: none"> <li>• solid</li> <li>• finely stranded <ul style="list-style-type: none"> <li>• with conductor end processing</li> </ul> </li> </ul> </li> <li>• for AWG conductors / for main contacts</li> <li>• for auxiliary contacts <ul style="list-style-type: none"> <li>• solid</li> <li>• finely stranded <ul style="list-style-type: none"> <li>• with conductor end processing</li> <li>• without conductor final cutting</li> </ul> </li> </ul> </li> <li>• for AWG conductors / for auxiliary contacts</li> </ul>		2x (1 ... 2.5 mm <sup>2</sup> ), 2x (2.5 ... 6 mm <sup>2</sup> ), max. 2x 10 mm <sup>2</sup>  2x (1 ... 2.5 mm <sup>2</sup> ), 2x (2.5 ... 6 mm <sup>2</sup> ) 2x (20 ... 16), 2x (18 ... 14), 1x 12  2x (0.25 ... 2.5 mm <sup>2</sup> )  2x (0.25 ... 1.5 mm <sup>2</sup> ) 2x (0.25 ... 2.5 mm <sup>2</sup> ) 2x (24 ... 14)

**Certificates/approvals:**

<b>General Product Approval</b>	<b>Functional Safety / Safety of Machinery</b>	<b>Declaration of Conformity</b>
 CCC  CSA  EAC	<a href="#">Type Examination</a>	 CE EG-Konf.

**Test Certificates**

<a href="#">Special Test Certificate</a>	<a href="#">Type Test Certificates/Test Report</a>
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**Shipping Approval**

 ABS	 BUREAU VERITAS	 DNV	 GL	 Lloyd's Register LRS	 RINA
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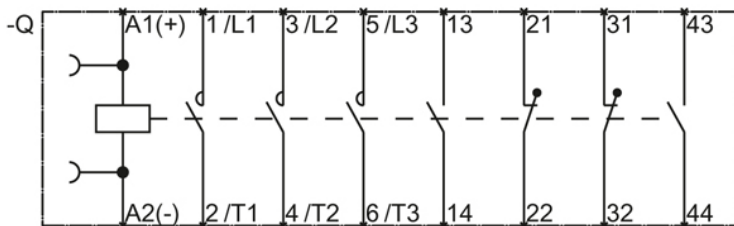
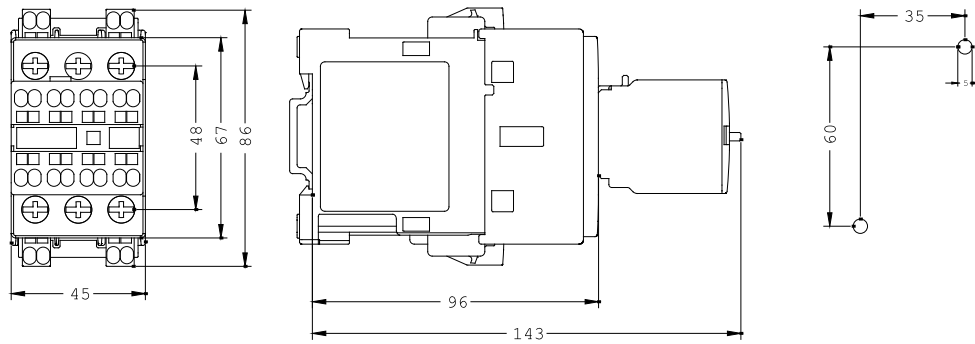
<b>Shipping Approval</b>  RMRS	<b>other</b> <a href="#">Confirmation</a> <a href="#">other</a> <a href="#">Environmental Confirmations</a>
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**Further information:**

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

**Industry Mall (Online ordering system)**  
<http://www.siemens.com/industrial-controls/mall>

**Cax online generator:**  
<http://www.siemens.com/cax>



last change:

Aug 4, 2014