



CONTACTOR, AC-3 11 KW/400 V, DC 24 V,  
3-POLE, SIZE S0, SCREW CONNECTION

**General details:**

<b>Product brand name</b>	SIRIUS	
<b>Product designation</b>	power contactor	
<b>Size of the contactor</b>	S0	
<b>Protection class IP / frontal/front side</b>	IP20	
<b>Degree of pollution</b>	3	
<b>Installation altitude / at a height over sea level / maximum</b>	m	2000
<b>Ambient temperature / during the operating phase</b>	°C	-25 ... 60
<b>Real loss power / per conductor / typical</b>	W	1.6
<b>Item designation</b>	<ul style="list-style-type: none"> <li>• according to DIN EN 61346-2 Q</li> <li>• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 K</li> </ul>	
<b>Mechanical operating cycles as operating time</b>	<ul style="list-style-type: none"> <li>• of the contactor / typical 10000000</li> <li>• of the contactor with added auxiliary switch block / typical 10000000</li> <li>• of the contactor with added electronics-compatible auxiliary switch block / typical 5000000</li> </ul>	

**Main circuit:**

<b>Number of poles / for main current circuit</b>	3
---	---

<b>Number of NC contacts / for main contacts</b>		0
<b>Number of NO contacts / for main contacts</b>		3
<b>Operating current / at AC-1 / at 400 V / at 40 °C ambient temperature / rated value</b>	A	40
<b>Operating current / at AC-1 / at 400 V / at 60 °C ambient temperature / rated value</b>	A	35
<b>Operating current</b>		
• at AC-3 / at 400 V / rated value	A	25
• with 1 current path		
• at DC-1		
• at 24 V / rated value	A	35
• at 110 V / rated value	A	4.5
• at DC-3 / at DC-5		
• at 24 V / rated value	A	20
• at 110 V / rated value	A	2.5
• with 2 current paths in series		
• at DC-1		
• at 24 V / rated value	A	35
• at 110 V / rated value	A	35
• at DC-3 / at DC-5		
• at 24 V / rated value	A	35
• at 110 V / rated value	A	15
• with 3 current paths in series		
• at DC-1		
• at 24 V / rated value	A	35
• at 110 V / rated value	A	35
• at DC-3 / at DC-5		
• at 24 V / rated value	A	35
• at 110 V / rated value	A	35
<b>Service power</b>		
• at AC-1 / at 400 V / rated value	kW	23
• at AC-2 / at 400 V / rated value	kW	11
• at AC-3		
• at 400 V / rated value	kW	11
• at 500 V / rated value	kW	11
• at 690 V / rated value	kW	11
<b>Control circuit:</b>		
<b>Design of activation of the operating mechanism</b>		conventional
<b>Type of voltage / of the controlled supply voltage</b>		DC
<b>Control supply voltage / 1</b>		

- for DC
- rated value

V	24
---	----

#### Auxiliary circuit:

##### Contact reliability / of the auxiliary contacts

1 faulty switching per 100 million (17 V, 1 mA)

##### Number of NC contacts / for auxiliary contacts

- instantaneous switching
- lagging switching

0

0

##### Number of NO contacts / for auxiliary contact

- instantaneous switching
- leading switching

0

0

##### Operating current / of the auxiliary contacts

- at AC-12 / maximum
- at AC-15
  - at 230 V
  - at 400 V
- at DC-12
  - at 60 V
  - at 110 V
  - at 220 V
- at DC-13
  - at 24 V
  - at 60 V
  - at 110 V
  - at 220 V

A 10

A 6

A 3

A 6

A 3

A 1

A 10

A 2

A 1

A 0.3

#### Short-circuit:

##### Design of the fuse link

- for short-circuit protection of the auxiliary switch / required
- for short-circuit protection of the main circuit
  - at type of coordination 1 / required
  - at type of coordination 2 / required

fuse gL/gG: 10 A

fuse gL/gG: 100 A

fuse gL/gG: 35 A

#### Installation/mounting/dimensions:

##### Type of mounting

screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022

##### series installation

Yes

##### Width

mm 45

##### Height

mm 85

##### Depth

mm 101

##### Distance, to be maintained, to earthed part / sideways

mm 6

## Connection type:

### Design of the electrical connection

- for main current circuit
- for auxiliary and control current circuit

screw-type terminals

screw-type terminals

## Certificates/approvals:

### General Product Approval

### Functional Safety / Safety of Machinery

[CQC](#)



[KETI](#)

[ROSTEST](#)



[SUVA](#)

### Test Certificates

[Manufacturer](#)

[other](#)

### Shipping Approval

[ABS](#)



### Shipping Approval

[other](#)

[Manufacturer](#)

[other](#)



## 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/maill>

### CAX-Online-Generator

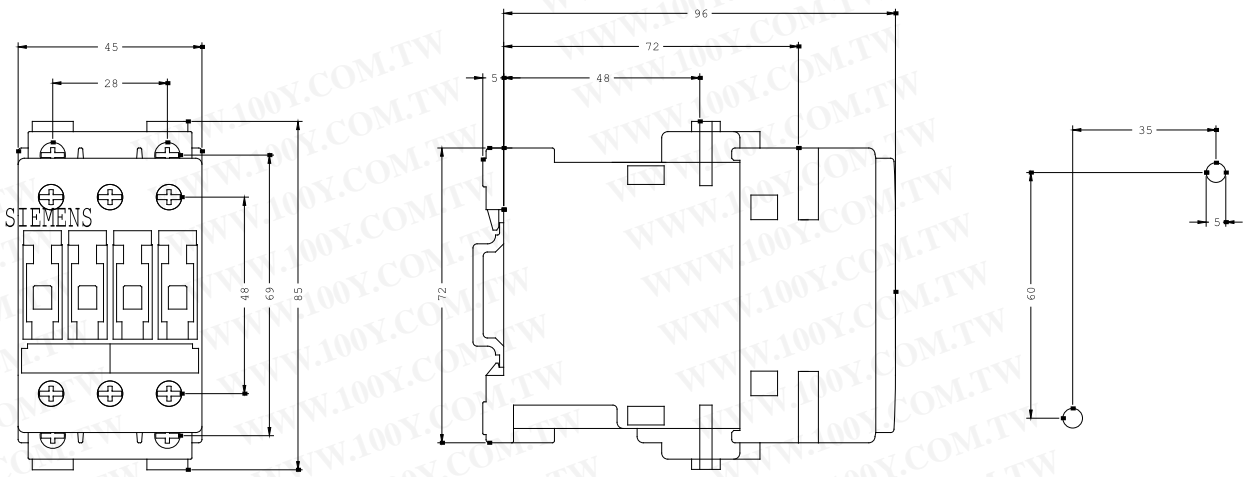
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RT1026-1BB40/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RT1026-1BB40](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RT1026-1BB40)



last change:

Sep 20, 2010

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)