



CONTACTOR, AC-3 22 KW/400 V, DC 24 V,
3-POLE, SIZE S2, SCREW CONNECTION

General technical data:

product brand name	SIRIUS	
Size of the contactor	S2	
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"> • of the contactor / typical 	10,000,000	
<ul style="list-style-type: none"> • of the contactor with added auxiliary switch block / typical 	10,000,000	
<ul style="list-style-type: none"> • of the contactor with added electronics-compatible auxiliary switch block / typical 	5,000,000	

Main circuit:

Number of NC contacts / for main contacts	0	
Number of NO contacts / for main contacts	3	
Operational current		
<ul style="list-style-type: none"> • at AC-1 / at 400 V <ul style="list-style-type: none"> • at 40 °C ambient temperature / rated value 	A	60
<ul style="list-style-type: none"> • at 60 °C ambient temperature / rated value 	A	55
<ul style="list-style-type: none"> • at AC-3 / at 400 V / rated value 	A	50

- at AC-4 / at 400 V / rated value
- with 1 current path / at DC-1
 - at 24 V / rated value
 - at 110 V / rated value
- with 2 current paths in series / at DC-1
 - at 24 V / rated value
 - at 110 V / rated value
- with 3 current paths in series / at DC-1
 - at 24 V / rated value
 - at 110 V / rated value
- with 1 current path / at DC-3 / at DC-5
 - at 24 V / rated value
 - at 110 V / rated value
- with 2 current paths in series / at DC-3 / at DC-5
 - at 24 V / rated value
 - at 110 V / rated value
- with 3 current paths in series / at DC-3 / at DC-5
 - at 24 V / rated value
 - at 110 V / rated value

A	41
A	55
A	4.5
A	55
A	25
A	55
A	55
A	35
A	2.5
A	55
A	25
A	55
A	55

Service power

- at AC-2 / at 400 V / rated value
- at AC-3 / at 400 V / rated value
- at AC-4 / at 400 V / rated value

kW	22
kW	22
W	22,000

Control circuit:

Type of voltage / of the controlled supply voltage

DC

Operating range factor control supply voltage rated value / of the magnet coil

- for DC

0.8 ... 1.1

Pull-in power / of the solenoid / for DC

W 13.3

Holding power / of the solenoid / for DC

W 13.3

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

0

Number of NO contacts / for auxiliary contacts / instantaneous switching

0

Short-circuit:

Design of the fuse link

- for short-circuit protection of the auxiliary switch / required

fuse gL/gG: 10 A

- for short-circuit protection of the main circuit
 - with type of assignment 1 / required
 - at type of coordination 2 / required

fuse gL/gG: 160 A

fuse gL/gG: 80 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	55
Height	mm	112
Depth	mm	130
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

Type of the connectable conductor cross-section

- for main contacts
 - solid
 - stranded
 - finely stranded
 - with conductor end processing
 - without conductor final cutting
- for AWG conductors / for main contacts
- for auxiliary contacts
 - solid
 - finely stranded
 - with conductor end processing
- for AWG conductors / for auxiliary contacts

2x (0.75 ... 16 mm²)

2x (0.75 ... 25 mm²)

2x (0.75 ... 16 mm²)

2x (0.75 ... 16 mm²)

2x (18 ... 2)

2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²), max. 2x (0.75 ... 4 mm²)

2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)

2x (20 ... 16), 2x (18 ... 14), 1x 12

Certificates/approvals:

General Product Approval**Functional Safety /
Safety of
Machinery**

CCC



CSA



GOST



KETI



UL

[Type Examination](#)**Declaration of
Conformity****Test Certificates**

EG-Konf.

[other](#)[Special Test
Certificate](#)[Type Test
Certificates/Test
Report](#)**Shipping Approval**

ABS

BUREAU
VERITAS

DNV



GL



LRS



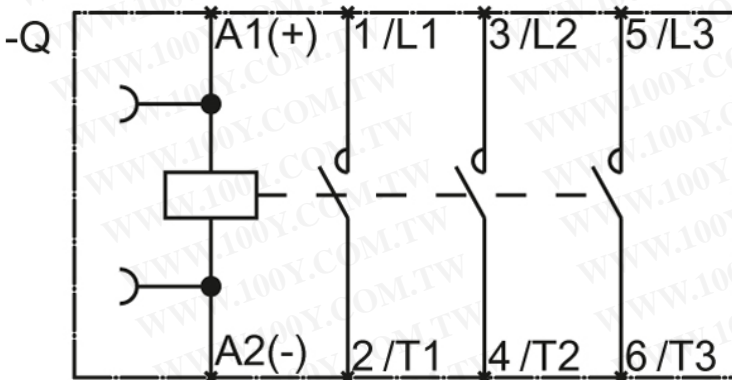
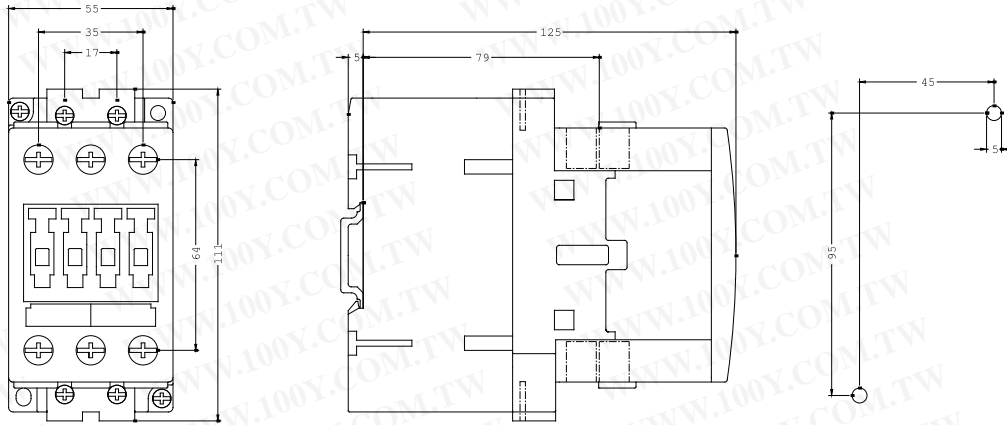
RINA

Shipping Approval**other**

RMRS

[Confirmation](#)[other](#)[Environmental
Confirmations](#)**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>**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**<http://support.automation.siemens.com/WW/view/en/3RT1036-1BB40/all>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RT1036-1BB40

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



last change:

Apr 22, 2013