



CONTACTOR RELAY, 2NO+2NC, AC 230 V,
50 HZ, SCREW CONNECTION, SIZE S00

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)

General details:

Product brand name		SIRIUS
Product designation		contactor relay
Size of the contactor		S00
Protection class IP / on the front		IP20
Degree of pollution		3
Insulation voltage / with degree of pollution 3 / rated value	V	690
Installation altitude / at a height over sea level / maximum	m	2,000
Ambient temperature		
• during transport	°C	-55 ... 80
• during storage	°C	-55 ... 80
• during operating phase	°C	-25 ... 60
Contact reliability		one incorrect switching operation of 100 million switching operations (17 V, 1 mA)
Resistance against shock		10g / 5 ms and 5g / 10 ms
Impulse voltage resistance / rated value	kV	6
Item designation		
• according to DIN EN 61346-2		K
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		K
Mechanical operating cycles as operating time		

- of the contactor / typical
- of the contactor with added auxiliary switch block / typical
- of the contactor with added electronics-compatible auxiliary switch block / typical

30,000,000
10,000,000
5,000,000

Control circuit:

Type of voltage / of the controlled supply voltage

AC

Control supply voltage frequency

- 1 / rated value
- 2 / rated value

Hz 50
Hz 60

Control supply voltage / 1

- at 50 Hz
 - for AC / rated value
- at 60 Hz
 - for AC / rated value

V 230
V 230

Working range factor supply voltage rated value / of the magnet coil

- at 50 Hz
 - for AC
- at 60 Hz
 - for AC

0.8 ... 1.1
0.85 ... 1.1

Apparent pull-in power / of the solenoid / for AC

V·A 27

Apparent holding power / of the solenoid / for AC

V·A 4.6

Inductive power factor

- with the pull-in power of the coil
- with the pull-in power of the coil

0.8
0.27

Auxiliary circuit:

Product extension / auxiliary switch

Yes

Identification number and letter for switching elements

22 E

Contact reliability / of the auxiliary contacts

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

Number of NC contacts / for auxiliary contacts

- delayed switching
- instantaneous switching
- asynchronous switching
- lagging switching

2
0
2
0
0

Number of NO contacts / for auxiliary contacts

- instantaneous switching
- delayed switching
- asynchronous switching
- leading switching

2
2
0
0
0

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)

Number of changeover contacts		
• for auxiliary contacts		0
• of the auxiliary contacts / instantaneous switching		0
Operating current / of the auxiliary contacts		
• at AC-12 / maximum	A	10
• at AC-15		
• at 230 V	A	6
• at 400 V	A	3
• at 500 V	A	2
• at 690 V	A	1
• with 1 current path		
• at DC-12		
• at 24 V	A	10
• at 110 V	A	3
• at 220 V	A	1
• at DC-13		
• at 24 V	A	10
• at 110 V	A	1
• at 220 V	A	0.22

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)

Short-circuit:		
Design of the fuse link / for short-circuit protection of the auxiliary switch / required		fuse gL/gG: 10 A

Installation/mounting/dimensions:		
Built in orientation		with vertical mounting surface +/-180° rotatable, with vertical mounting surface +/- 30° tiltable to the front and back
Type of mounting		screw and snap-on mounting
Width	mm	45
Height	mm	57.5
Depth	mm	72
Distance, to be maintained, to the ranks assembly / sideways	mm	0

Connections:		
Design of the electrical connection / for auxiliary and control current circuit		screw-type terminals
Type of the connectable conductor cross-section		
• for auxiliary contacts		
• solid		2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²), max. 2x (1 ... 4 mm ²)
• finely stranded		
• with conductor end processing		2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)

• for AWG conductors / for auxiliary contacts

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

Certificates/approvals:

Verification of suitability

CSA / UL / CCC / GL / LRS / BV / DNV / RMRS / RINA

General Product Approval

Functional Safety / Safety of Machinery

Test Certificates

[CQC](#)

[SUVA](#)

[Manufacturer](#)

Shipping Approval

[ABS](#)

[PRS](#)

Shipping Approval

other

[Manufacturer](#)

Safety:

Proportion of dangerous failures

- with high demand rate / according to SN 31920
- with low demand rate / according to SN 31920

%

75

%

40

T1 value / for proof test interval or service life / according to IEC 61508

a

20

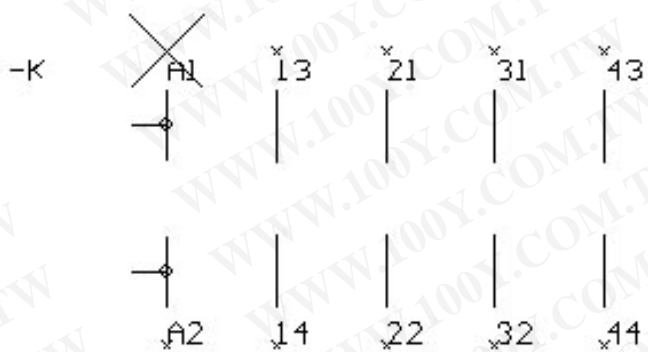
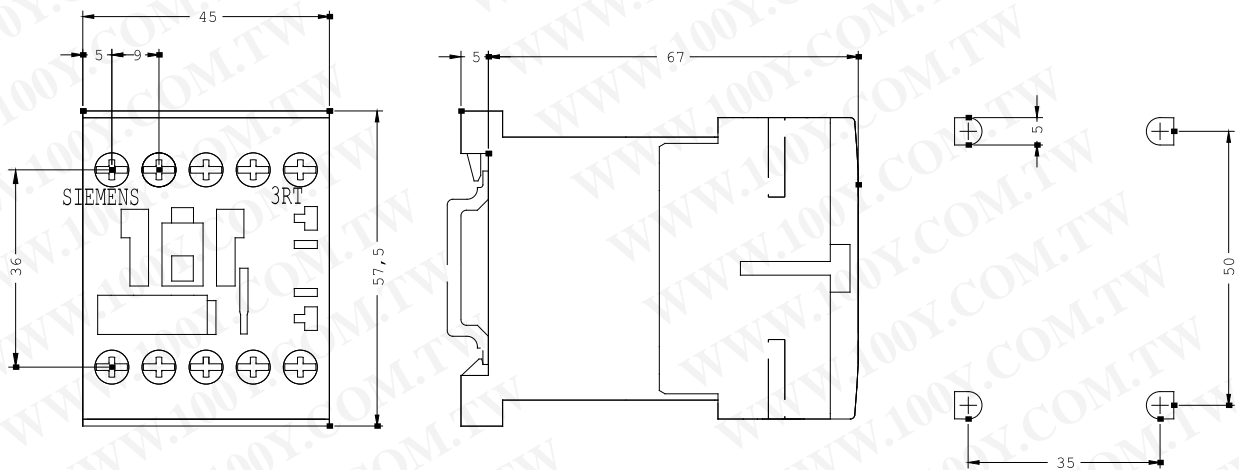
Protection against electrical shock

finger-safe

B10 value / with high demand rate / according to SN 31920

1,000,000

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)



last change:

Nov 30, 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)