

CONT. RELAY, 6NO+2NC,
48 V DC CAGE CLAMP CONNECTION,
SIZE S00 INTEGRATED RI SUPPRESSION DIODE

General technical data:

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	°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
Reference code		
• according to DIN EN 61346-2		K
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		K
• according to DIN EN 81346-2		K
Mechanical operating cycles as operating time		
• of the contactor / typical		10,000,000

Control circuit/ Control:

Voltage type / of control feed voltage		DC
Control supply voltage		
• for DC / rated value	V	48
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	3.2
Holding power / of the solenoid / for DC	W	3.2

Auxiliary circuit:**Product extension / auxiliary switch**

No

Identification number and letter for switching elements

62 E

Contact reliability / of the auxiliary contacts

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

Number of NC contacts / for auxiliary contacts

2

- delayed switching

0

- instantaneous switching

2

- asynchronous switching

0

- lagging switching

0

Number of NO contacts / for auxiliary contacts

6

- instantaneous switching

6

- delayed switching

0

- asynchronous switching

0

- leading switching

0

Number of changeover contacts

- for auxiliary contacts

0

- of the auxiliary contacts / instantaneous switching

0

Operating current

- at AC-12 / maximum

A

10

- at AC-15

- at 230 V / rated value

A

6

- at 400 V / rated value

A

3

- at 500 V / rated value

A

2

- at 690 V / rated value

A

1

Operating current / with 1 current path

- at DC-12

- at 24 V / rated value

A

10

- at 110 V / rated value

A

3

- at 220 V / rated value

A

1

- at DC-13

- at 24 V / rated value

A

10

- at 110 V / rated value

A

1

- at 220 V / rated value

A

0.27

Short-circuit:**Design of the fuse link / for short-circuit protection of the auxiliary switch / required**

fuse gL/gG: 10 A

Installation/ mounting/ dimensions:

mounting position		+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
Mounting type		screw and snap-on mounting
Width	mm	45
Height	mm	60
Depth	mm	114
Distance, to be maintained, to the ranks assembly / sideways	mm	0

Connections/ terminals:

Design of the electrical connection / for auxiliary and control
current circuit

Cage Clamp terminals

Type of the connectable conductor cross-section

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

2x (0.25 ... 2.5 mm²)

2x (0.25 ... 1.5 mm²)

2x (0.25 ... 2.5 mm²)

2x (24 ... 14)

Certificates/ approvals:

Verification of suitability

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

General Product Approval

Functional Safety /
Safety of
Machinery

Declaration of
Conformity



[Type Examination](#)



Test Certificates

Shipping Approval

[Special Test
Certificate](#)

[Type Test
Certificates/Test
Report](#)



other

[other](#)

[Environmental
Confirmations](#)

Safety related data:

Proportion of dangerous failures

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

%

75

%

40

Protection against electrical shock

finger-safe

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

a

20

B10 value / with high demand rate

- according to SN 31920
- note

1,000,000

With 0.3 x I_e

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/>

Cax online generator

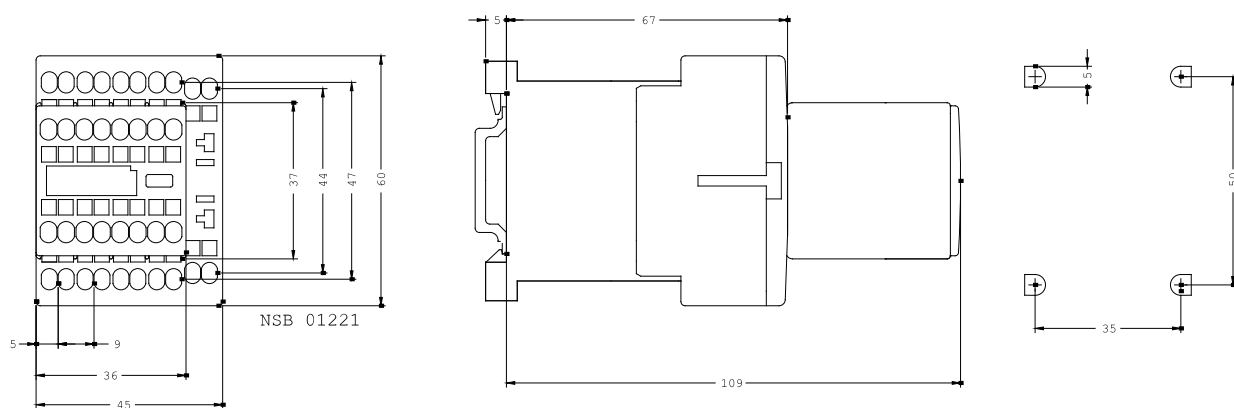
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RH1362-2BW40/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH1362-2BW40



last change:

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