



Figure similar

CONTACTOR RELAY, 6NO+2NC, W. PERMANENT.
JOINTED AUXILIARY SWITCH BLOCK 24V DC, SIZE
S00, SCREW CONNECTION, SIZE S00

product brand name		SIRIUS
Product designation		contactor relay

General technical data:

Insulation voltage		
• with degree of pollution 3 Rated value	V	690
Degree of pollution		3
Shock resistance		10g / 5 ms and 5g / 10 ms
Surge voltage resistance Rated value	kV	6
Mechanical service life (switching cycles)		
• of the contactor typical		10 000 000
Protection class IP		
• on the front		IP20
Equipment marking		
• acc. to DIN EN 61346-2		K
• acc. to DIN EN 81346-2		K

Control circuit/ Control:

Type of voltage of the control supply voltage		DC
Control supply voltage for DC		
• Rated value	V	24
Operating range factor control supply voltage rated value of the magnet coil for DC		0.8 ... 1.1
Closing power of the magnet coil for DC	W	3.2
Holding power of the magnet coil for DC	W	3.2

Auxiliary circuit:

Number of NC contacts		
• for auxiliary contacts		2
— instantaneous contact		2
— delayed switching		0
— lagging switching		0
— make-before-break switching		0
Number of NO contacts		
• for auxiliary contacts		6
— instantaneous contact		6
— delayed switching		0
— leading contact		0
— make-before-break switching		0
Number of CO contacts		
• for auxiliary contacts		0
• of the auxiliary contacts instantaneous contact		0
Product expansion Auxiliary switch		
No		
Identification number and letter for switching elements		
62 E		
Operating current at AC-15		
• at 230 V Rated value	A	6
• at 400 V Rated value	A	3
• at 690 V Rated value	A	1
Contact reliability of the auxiliary contacts		
1 faulty switching per 100 million (17 V, 1 mA)		

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		
Height	mm	57.5
Width	mm	45
Depth	mm	111
Required spacing		
• with side-by-side mounting		
— at the side	mm	0

Connections/ Terminals:

Type of electrical connection		
• for auxiliary and control current circuit		screw-type terminals
Type of connectable conductor cross-section		

- for auxiliary contacts
 - solid
 - finely stranded with core end processing
- for AWG conductors for auxiliary contacts

2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²), 2x 4 mm²
 2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)
 2x (20 ... 16), 2x (18 ... 14), 1x 12

Safety related data:

B10 value with high demand rate acc. to SN 31920		1 000 000
• Note		With 0.3 x I _e
Proportion of dangerous failures		
• with low demand rate acc. to SN 31920	%	40
• with high demand rate acc. to SN 31920	%	75
T1 value for proof test interval or service life acc. to IEC 61508	y	20
Protection against electrical shock		finger-safe

Mechanical data:

Size of contactor		S00
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Ambient conditions:

Installation altitude at height above sea level maximum	m	2 000
Ambient temperature		
• during operation	°C	-25 ... +60
• during storage	°C	-55 ... +80
• during transport	°C	-55 ... +80

Certificates/ approvals:

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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[Type Examination](#)



Test Certificates	Shipping Approval	other
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[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



[other](#)

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/industrymall>

Cax online generator

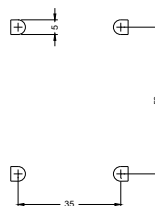
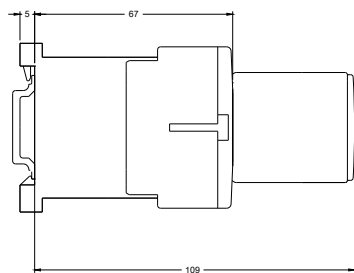
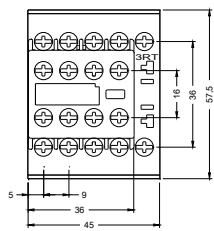
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH12621BB40>

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

<http://support.automation.siemens.com/WW/view/en/3RH12621BB40/all>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH12621BB40&lang=en



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11.03.2015