

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



Figure similar

product brandname	SIRIUS
Product designation	contactor relay
General technical data	
Size of contactor	S00
Product extension	No
<ul style="list-style-type: none"> Auxiliary switch 	No
Insulation voltage	690 V
<ul style="list-style-type: none"> with degree of pollution 3 rated value 	690 V
Degree of pollution	3
Surge voltage resistance rated value	6 kV
Protection class IP	IP20
<ul style="list-style-type: none"> on the front 	IP20
Mechanical service life (switching cycles)	10 000 000
<ul style="list-style-type: none"> of contactor typical 	10 000 000
Equipment marking	K
<ul style="list-style-type: none"> acc. to DIN EN 61346-2 acc. to DIN EN 81346-2 	K

Ambient conditions

Ambient temperature

- | | |
|--------------------|----------------|
| • during operation | -25 ... +60 °C |
| • during storage | -55 ... +80 °C |
| • during transport | -55 ... +80 °C |

Control circuit/ Control

Type of voltage of the control supply voltage

DC

Control supply voltage at DC

- | | |
|---------------|------|
| • rated value | 24 V |
|---------------|------|

Closing power of magnet coil at DC

3.2 W

Holding power of magnet coil at DC

3.2 W

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 auxiliary contacts instantaneous contact | 0 |

Identification number and letter for switching elements

62 E

Operating current at AC-12 maximum

10 A

Operating current at AC-15

- | | |
|------------------------|-----|
| • at 230 V rated value | 6 A |
| • at 400 V rated value | 3 A |
| • at 500 V rated value | 2 A |
| • at 690 V rated value | 1 A |

Operating current at 1 current path at DC-12

- | | |
|------------------------|------|
| • at 24 V rated value | 10 A |
| • at 110 V rated value | 3 A |
| • at 220 V rated value | 1 A |

Operating current at 1 current path at DC-13

- | | |
|-----------------------|------|
| • at 24 V rated value | 10 A |
|-----------------------|------|

<ul style="list-style-type: none"> • at 110 V rated value • at 220 V rated value 	<p>1 A</p> <p>0.27 A</p>
Contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)

Short-circuit protection

Design of the fuse link <ul style="list-style-type: none"> • for short-circuit protection of the auxiliary switch required 	fuse gL/gG: 10 A
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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	60 mm
Width	45 mm
Depth	114 mm
Required spacing <ul style="list-style-type: none"> • with side-by-side mounting <ul style="list-style-type: none"> — at the side 	0 mm

Connections/Terminals

Type of electrical connection <ul style="list-style-type: none"> • for auxiliary and control current circuit 	Cage Clamp terminals
Type of connectable conductor cross-sections <ul style="list-style-type: none"> • for auxiliary contacts <ul style="list-style-type: none"> — solid — finely stranded with core end processing — finely stranded without core end processing • at AWG conductors for auxiliary contacts 	<p>2x (0.25 ... 2.5 mm²)</p> <p>2x (0.25 ... 1.5 mm²)</p> <p>2x (0.25 ... 2.5 mm²)</p> <p>2x (24 ... 14)</p>

Safety related data

B10 value <ul style="list-style-type: none"> • with high demand rate acc. to SN 31920 	1 000 000; With 0.3 x I _e
Proportion of dangerous failures <ul style="list-style-type: none"> • with low demand rate acc. to SN 31920 • with high demand rate acc. to SN 31920 	<p>40 %</p> <p>75 %</p>
T1 value for proof test interval or service life acc. to IEC 61508	20 y

Certificates/approvals

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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CCC



CSA



UL



[Type Examination](#)



EG-Konf.

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

[Special Test Certificate](#)



ABS



RMRS

[Environmental Confirmations](#)

[Miscellaneous](#)

other

[Confirmation](#)

Further information

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RH1262-2BB40>

Cax online generator

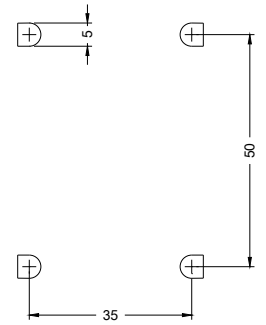
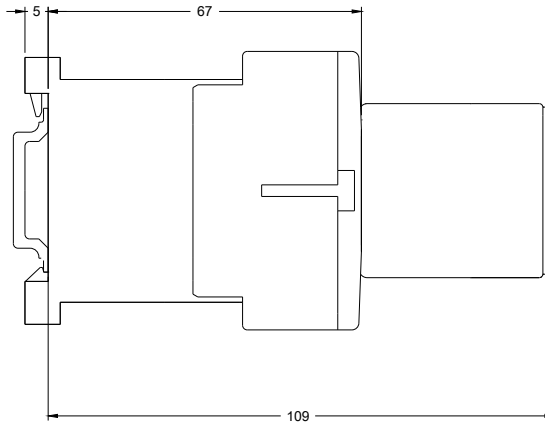
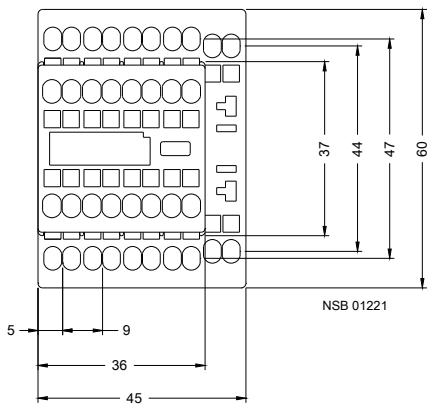
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH1262-2BB40>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RH1262-2BB40>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH1262-2BB40&lang=en



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06/20/2017