

Contactor relay 2NO2NC AC 380V 50/60Hz size S00, screw terminal

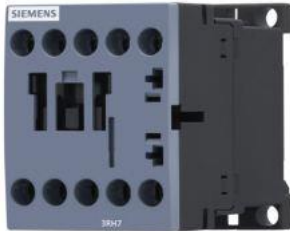


Figure similar

<b>product brand name</b>	SIRIUS
<b>product designation</b>	Contactor relay
<b>product type designation</b>	3RH7
<b>General technical data</b>	
<b>size of contactor</b>	S00
insulation voltage with degree of pollution 3 at AC rated value	690 V
<b>surge voltage resistance rated value</b>	28 kV
protection class IP on the front	IP20
shock resistance at rectangular impulse at AC	10 g / 5 ms, 5 g / 10 ms
shock resistance with sine pulse at AC	15 g / 5 ms, 8 g / 10 ms
<b>Net Weight</b>	0.199 kg
<b>Ambient conditions</b>	
installation altitude at height above sea level maximum	2 000 m
<b>ambient temperature</b>	
• during operation	-10 ... +55 °C
• during storage	-25 ... +70 °C
<b>Control circuit/ Control</b>	
<b>type of voltage of the control supply voltage</b>	AC
<b>control supply voltage at AC</b>	
• at 50 Hz rated value	380 V
• at 60 Hz rated value	380 V
<b>operating range factor control supply voltage rated value of magnet coil at AC</b>	
• at 50 Hz	0.8 ... 1.1
• at 60 Hz	0.85 ... 1.1
<b>apparent pick-up power of magnet coil at AC</b>	27 VA
<b>inductive power factor with closing power of the coil</b>	0.8
<b>apparent holding power of magnet coil at AC</b>	5.4 VA
<b>inductive power factor with the holding power of the coil</b>	0.27
<b>Auxiliary circuit</b>	
<b>product extension auxiliary switch</b>	Yes
<b>number of NC contacts for auxiliary contacts</b>	2
<b>number of NO contacts for auxiliary contacts</b>	2
<b>identification number and letter for switching elements</b>	22 E
<b>operational current at AC-15</b>	
• at 230 V rated value	6 A
• at 400 V rated value	6 A
• at 690 V rated value	1 A

<b>operational current at 1 current path at DC-13</b>	
<ul style="list-style-type: none"> <li>• at 24 V rated value</li> <li>• at 110 V rated value</li> <li>• at 220 V rated value</li> </ul>	<p>6 A</p> <p>1 A</p> <p>0.3 A</p>

<b>operating frequency at DC-13 maximum</b>	1 000 1/h
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**Short-circuit protection**

design of the fuse link for short-circuit protection of the auxiliary switch required	fuse gL/gG: 10 A
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**Installation/ mounting/ dimensions**

<b>mounting position</b>	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
<b>fastening method</b>	screw and snap-on mounting onto 35 mm DIN rail
<b>height</b>	57.5 mm
<b>width</b>	45 mm
<b>depth</b>	72 mm

**Connections/ Terminals**

type of electrical connection for auxiliary and control circuit	screw-type terminals
<b>connectable conductor cross-section for auxiliary contacts</b>	
<ul style="list-style-type: none"> <li>• solid or stranded</li> <li>• finely stranded with core end processing</li> </ul>	<p>0.5 ... 2.5 mm²</p> <p>0.5 ... 2.5 mm²</p>
type of connectable conductor cross-sections for auxiliary contacts	
<ul style="list-style-type: none"> <li>• solid or stranded</li> <li>• finely stranded with core end processing</li> </ul>	<p>2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²), 2x 4 mm²</p> <p>2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)</p>

**Safety related data**

product function positively driven operation according to IEC 60947-5-1	Yes
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**Electrical Safety**

<b>protection class IP on the front according to IEC 60529</b>	IP20
<b>touch protection on the front according to IEC 60529</b>	finger-safe, for vertical contact from the front

**Approvals Certificates**

Environment	General Product Approval	other
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[Environmental Confirmations](#)



[Confirmation](#)

**other**



**Further information**

**Information on the packaging**

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

**Information for data generation and storage**

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

<https://www.siemens.com/ic10>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RH7122-1AQ00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RH7122-1AQ00>

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

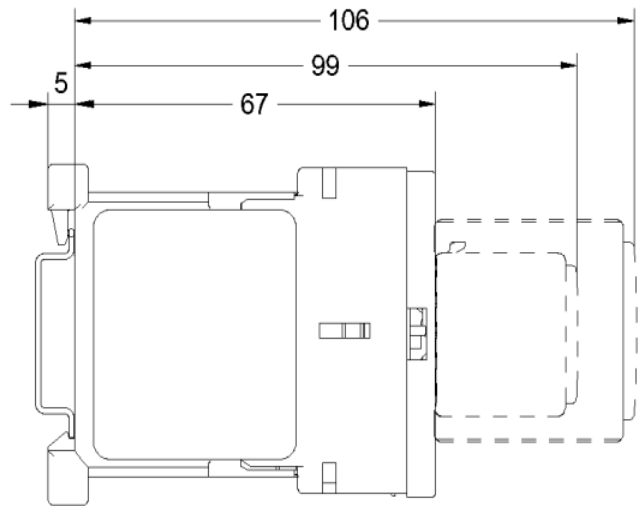
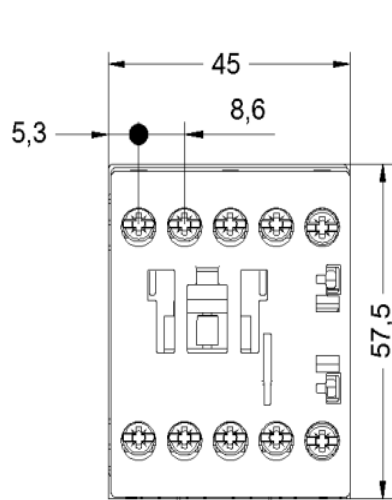
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**Cax online generator**

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH7122-1AQ00>

**Characteristic curves**

[https://curves.simaris.siemens.com/curves/<mmp\\_prod\\_noCOMP="HAUPT"></mmp\\_prod\\_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP=)



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