



CONTACTOR RELAY 91E EN 50 011 9NO+1NC,  
SCREW TERMINALS AC OPERATION AC 50/60HZ  
220V

Figure similar

### General technical data:

Size of contactor		0
Ambient temperature during operation	°C	-25 ... +55
Protection class IP on the front		IP20
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		K
Equipment marking acc. to DIN EN 61346-2		K
Equipment marking acc. to DIN EN 81346-2		K

### Control circuit/ Control:

Type of voltage of the control supply voltage		AC
Control supply voltage frequency		
• 1 Rated value	Hz	50
• 2 Rated value	Hz	60
Control supply voltage		
• with AC		
— at 50 Hz		
— Rated value	V	220
— at 60 Hz		
— Rated value	V	220

### Auxiliary circuit:

Operating current at AC-15		
• at 230 V Rated value	A	10
• at 400 V Rated value	A	6

Identification number and letter for switching elements		91 E
Number of NC contacts for auxiliary contacts		1
<ul style="list-style-type: none"> <li>lagging switching</li> <li>delayed switching</li> <li>make-before-break switching</li> </ul>		0 0 0
Number of NO contacts for auxiliary contacts		0
<ul style="list-style-type: none"> <li>delayed switching</li> <li>leading contact</li> <li>make-before-break switching</li> </ul>		0 0 0
Number of CO contacts for auxiliary contacts		0

Connections/ Terminals:





Type of electrical connection for auxiliary and control current circuit		screw-type terminals
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Mechanical data:

Mounting type		screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
Width	mm	55
Height	mm	78
Depth	mm	102

Certificates/ approvals:

General Product Approval	Test Certificates
 CCC	 CSA
 UL	 EAC
	<a href="#">Special Test Certificate</a>
	<a href="#">Type Test Certificates/Test Report</a>

Test Certificates	Shipping Approval	other
<a href="#">other</a>	 DNV	<a href="#">other</a>
	 GL	
	 LRS	
	 RMRS	

<a href="#">Declaration of Conformity</a>	<a href="#">Environmental Confirmations</a>
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Safety related data:

Protection against electrical shock		finger-safe
B10 value with high demand rate acc. to SN 31920		1 000 000
• Note		With 0.3 x I <sub>e</sub>
T1 value for proof test interval or service life acc. to IEC 61508	y	20

#### 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

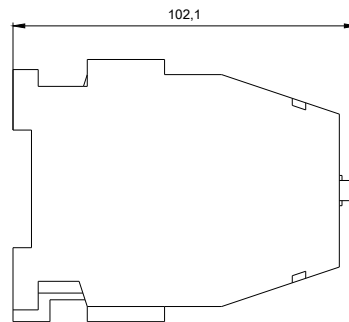
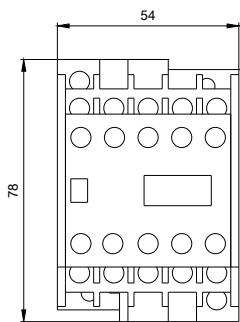
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH43910AN2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH43910AN2>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TH43910AN2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH43910AN2&lang=en)



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