

Contactor relay, 55E, EN 50011, 5 NO + 5 NC, screw terminal, AC operation, 110 V AC 50 Hz/132 V AC 60 Hz



Figure similar

General technical data:	
Size of contactor	0
Ambient temperature during operation	-25 ... +55 °C
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	<ul style="list-style-type: none"> <li>• 1 rated value 50 Hz</li> <li>• 2 rated value 60 Hz</li> </ul>
Control supply voltage	<ul style="list-style-type: none"> <li>• at AC                             <ul style="list-style-type: none"> <li>— at 50 Hz</li> <li>— rated value 110 V</li> </ul> </li> </ul>

— at 60 Hz  
— rated value

132 V

#### Auxiliary circuit:

<b>Operating current at AC-15</b>	
• at 230 V rated value	10 A
• at 400 V rated value	6 A
<b>Identification number and letter for switching elements</b>	55 E
<b>Number of NC contacts for auxiliary contacts</b>	5
• lagging switching	0
• delayed switching	0
• make-before-break switching	0
<b>Number of NO contacts for auxiliary contacts</b>	5
• delayed switching	0
• leading contact	0
• make-before-break switching	0
<b>Number of CO contacts for auxiliary contacts</b>	0

#### Connections/ Terminals:

<b>Type of electrical connection for auxiliary and control current circuit</b>	screw-type terminals
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#### Mechanical data:

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

#### Certificates/approvals

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



CSA



UL

[Type Examination](#)



EG-Konf.

[Special Test Certificate](#)

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

[Miscellaneous](#)



DNV



GL

[Miscellaneous](#)

[Environmental Confirmations](#)

other
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[Confirmation](#)

#### Safety related data:

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

#### 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=3TH4355-0AF0>

**Cax online generator**

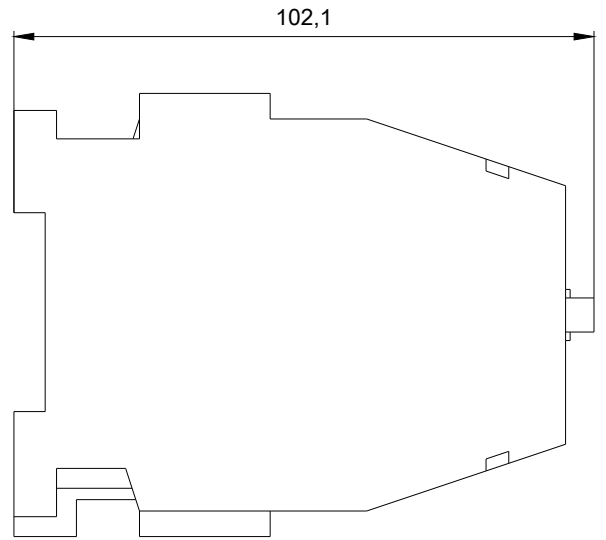
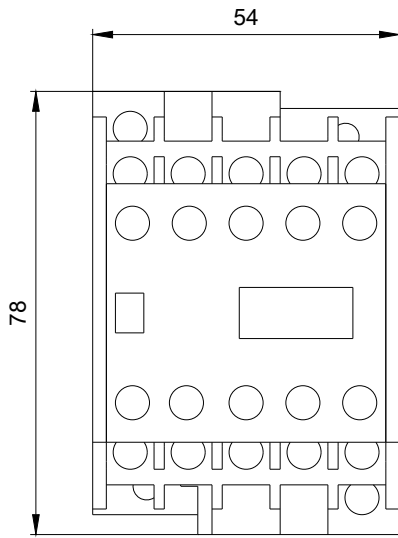
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4355-0AF0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4355-0AF0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TH4355-0AF0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4355-0AF0&lang=en)



W9.4444: 3TH43  
W9.2917: 3TH43

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