



CONTACTOR RELAY 55E EN 50 011 5NO+5NC,
SCREW TERMINALS AC OPERATION AC 230/220V 50HZ,
276/264V 60HZ

General details:

Size of the contactor

0

Ambient temperature

- during operating

°C

-25 ... +55

Protection class IP / on the front

IP20

Item designation

- according to DIN 40719 extendable after IEC 204-2 / according to IEC 750
- according to DIN EN 61346-2
- according to DIN EN 81346-2

K

K

K

Control circuit:

Type of voltage / of the controlled supply voltage

AC

Control supply voltage frequency

- 1
- 2

Hz

50

Hz

60

Control supply voltage

- at 50 Hz / at AC / rated value
- at 60 Hz / at AC / rated value

V

230

V

277

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		55 E
Number of NC contacts / for auxiliary contacts		5
• lagging switching		0
• delayed switching		0
• asynchronous switching		0
Number of NO contacts / for auxiliary contacts		5
• leading switching		0
• delayed switching		0
• asynchronous switching		0
Number of changeover contacts / for auxiliary contacts		0

Connection type:

Design of the electrical connection / for auxiliary and control current circuit

screw-type terminals

Mechanical design:

Type of mounting

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

Functional Safety / Safety of Machinery



CCC



CSA



UL

[Type Examination](#)

Test Certificates

[other](#)

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

Shipping Approval



DNV



GL



LRS



RMRS

other

[Declaration of Conformity](#)

[other](#)

[Environmental Confirmations](#)

Safety:

Protection against electrical shock		finger-safe
B10 value / with high demand rate • according to SN 31920 • note		1,000,000 With 0.3 x I _e
T1 value / for proof test interval or service life / according to IEC 61508	a	20

Further information:

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

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

Industry Mall (Online ordering system)

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

Cax online generator

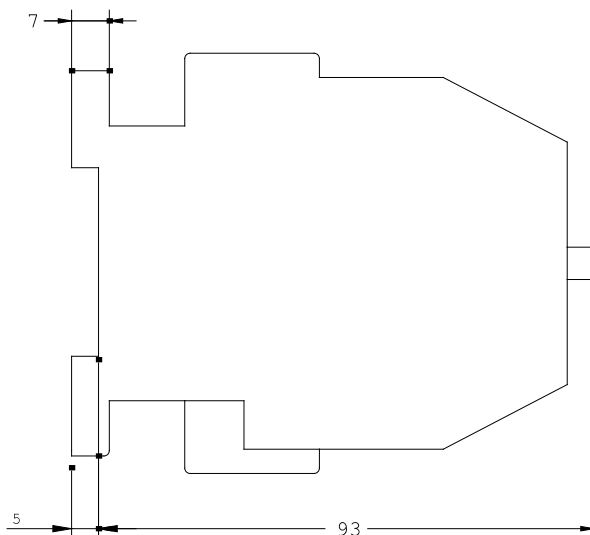
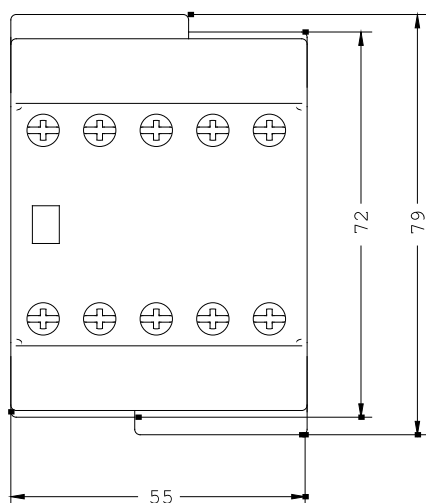
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3TH4355-0AP0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH4355-0AP0



last change:

Feb 25, 2013