



CONTACTOR RELAY 54 EN 50 011 5NO+4NC F.SNAP-ON AND SCREW MOUNTING W.MECHANICAL LATCHING AC OPERATION AC 240V 50/60HZ

### General details:

<b>Size of the contactor</b>		0
<b>Ambient temperature</b>		
• during operating	°C	-25 ... +55
<b>Protection class IP / on the front</b>		IP20
<b>Reference code</b>		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		K
• according to DIN EN 61346-2		K
• according to DIN EN 81346-2		K

### Control circuit:

<b>Voltage type / of control feed voltage</b>		AC
<b>Control supply voltage frequency</b>		
• 1	Hz	50
• 2	Hz	60
<b>Control supply voltage</b>		
• at 50 Hz / at AC / rated value	V	240
• at 60 Hz / at AC / rated value	V	240

### Auxiliary circuit:

<b>Operating current / at AC-15</b>		
• at 230 V / rated value	A	10
• at 400 V / rated value	A	6
<b>Identification number and letter for switching elements</b>		54
<b>Number of NC contacts / for auxiliary contacts</b>		4
• lagging switching		0
• delayed switching		0
• asynchronous switching		0
<b>Number of NO contacts / for auxiliary contacts</b>		5
• leading switching		0
• delayed switching		0
• asynchronous switching		0
<b>Number of changeover contacts / for auxiliary contacts</b>		0

### Connection type:

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

screw-type terminals

### Mechanical design:

**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 140

### 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:

<b>Protection against electrical shock</b>		finger-safe
<b>B10 value / with high demand rate</b> <ul style="list-style-type: none"> <li>• according to SN 31920</li> <li>• note</li> </ul>		1,000,000 With 0.3 x I <sub>e</sub>
<b>T1 value / for proof test interval or service life / according to IEC 61508</b>	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/WWW/view/en/3TH4454-0AP2/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3TH4454-0AP2](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH4454-0AP2)

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