

CONTACTOR RELAY 22E EN 50 011 2NO+2NC, SCREW  
TERMINALS AC OPERATION AC 60HZ 120V/50HZ 100V



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 100 V</li> <li>— at 60 Hz</li> </ul> </li> </ul>

— rated value

120 V

#### Auxiliary circuit:

<b>Operating current at AC-15</b>	
• at 230 V rated value	4 A
• at 400 V rated value	3 A
<b>Identification number and letter for switching elements</b>	22 E
<b>Number of NC contacts for auxiliary contacts</b>	2
• lagging switching	0
• delayed switching	0
• make-before-break switching	0
<b>Number of NO contacts for auxiliary contacts</b>	2
• 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>	45 mm
<b>Height</b>	48 mm
<b>Depth</b>	68 mm

#### Certificates/approvals

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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Test Certificates	Shipping Approval	other
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Safety related data:

<b>Protection against electrical shock</b>	finger-safe
B10 value with high demand rate acc. to SN 31920	400 000
• Note	With 0.3 x l <sub>e</sub>
<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=3TH20220AK1>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH20220AK1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH20220AK1>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TH20220AK1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH20220AK1&lang=en)

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