



CONTACTOR RELAY 22E EN 50 011 2NO+2NC,  
SCREW TERMINALS DIODE INCORPORATED DC  
OPERATION,  
COIL 1.2W DC 24V

General details:		
Size of the contactor		0
Ambient temperature		
• during operating	°C	-25 ... +55
Protection class IP / on the front		IP20
Reference code		
• 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:		
Voltage type / of control feed voltage		DC
Control supply voltage		
• for DC / rated value	V	24
Auxiliary circuit:		
Operating current / at AC-15		
• at 230 V / rated value	A	4
• at 400 V / rated value	A	3
Identification number and letter for switching elements		22 E

<b>Number of NC contacts / for auxiliary contacts</b>		2
• lagging switching		0
• delayed switching		0
• asynchronous switching		0
<b>Number of NO contacts / for auxiliary contacts</b>		2
• leading switching		0
• delayed switching		0
• asynchronous switching		0
<b>Number of changeover contacts / for auxiliary contacts</b>		0

#### Connection type:

<b>Design of the surge suppressor</b>		with diode
<b>Design of the electrical connection / for auxiliary and control current circuit</b>		screw-type terminals

#### Mechanical design:

<b>Mounting type</b>		screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
<b>Width</b>	mm	45
<b>Height</b>	mm	48
<b>Depth</b>	mm	68

#### Certificates/approvals:

<b>General Product Approval</b>	<b>Functional Safety / Safety of Machinery</b>	<b>Declaration of Conformity</b>
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[Type Examination](#)



#### Test Certificates

[other](#)

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

#### Shipping Approval



LRS



RMRS

#### other

[Declaration of Conformity](#)

[Environmental Confirmations](#)

#### Safety:

<b>Protection against electrical shock</b>		finger-safe
<b>B10 value / with high demand rate</b>		400,000
• according to SN 31920		With 0.3 x Ie
• note		

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/3TH2022-0TB4/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3TH2022-0TB4](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH2022-0TB4)

**last change:**

Jun 16, 2014