



AUX. CONTACTOR 80E DIN EN 50011 8NO,  
SCREW TERMINAL CONNECTED TO VARISTOR DC  
SOLENOID SYSTEM DC 110V OPERAT. RANGE 0.7...1.25  
X US FUR FORK-TYPE CABLE LUG

### 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>		DC
<b>Control supply voltage</b>		
• for DC / rated value	V	110

### 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>		80 E

<b>Number of NC contacts / for auxiliary contacts</b>		0
• lagging switching		0
• delayed switching		0
• asynchronous switching		0
<b>Number of NO contacts / for auxiliary contacts</b>		8
• 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 varistor
<b>Design of the electrical connection / for auxiliary and control current circuit</b>		fork-type cable lug connection

#### 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	78
<b>Depth</b>	mm	135

#### Certificates/approvals:

General Product Approval	Functional Safety / Safety of Machinery	Test Certificates			
 CCC	 EAC	<a href="#">Type Examination</a>	<a href="#">other</a>	<a href="#">Special Test Certificate</a>	<a href="#">Type Test Certificates/Test Report</a>
<b>Shipping Approval</b>	other				
 RMRS	<a href="#">Declaration of Conformity</a>	<a href="#">other</a>	<a href="#">Environmental Confirmations</a>		

#### Safety:

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

#### Further information:

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

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

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**Industry Mall (Online ordering system)**

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

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**Cax online generator**

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

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

<http://support.automation.siemens.com/WW/view/en/3TH4280-6LF4/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3TH4280-6LF4](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH4280-6LF4)

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**last change:**

Jun 16, 2014