

CONTACTOR RELAY 44E F.CONTACTOR SAFETY  
COMBINATION 4NO+4NC,  
SCREW TERMINAL BRIDGE-CONN.RECTIFIER BUILT-IN  
DC OPERATION DC 110V

### 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>		44 E
<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>		4
• 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 full-wave rectification
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Design of the electrical connection / for auxiliary and control current circuit		screw-type terminals
<b>Mechanical design:</b>		
Mounting type		screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
Width	mm	45
Height	mm	78
Depth	mm	135
<b>Certificates/approvals:</b>		
General Product Approval		Functional Safety / Safety of Machinery
 CCC	 CSA	 EAC
	 UL	<a href="#">Type Examination</a>
Test Certificates		Shipping Approval
<a href="#">other</a>	<a href="#">Special Test Certificate</a>	<a href="#">Type Test Certificates/Test Report</a>
		 RMRS
other		
<a href="#">Declaration of Conformity</a>	<a href="#">other</a>	<a href="#">Environmental Confirmations</a>
<b>Safety:</b>		
Protection against electrical shock		finger-safe
B10 value / with high demand rate		1,000,000 With 0.3 x I <sub>e</sub>
• according to SN 31920		
• note		
T1 value / for proof test interval or service life / according to IEC 61508	a	20
<b>Further information:</b>		
Information- and Downloadcenter (Catalogs, Brochures,...) <a href="http://www.siemens.com/industrial-controls/catalogs">http://www.siemens.com/industrial-controls/catalogs</a>		
Industry Mall (Online ordering system) <a href="http://www.siemens.com/industrial-controls/mall">http://www.siemens.com/industrial-controls/mall</a>		
Cax online generator <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>		
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) <a href="http://support.automation.siemens.com/WW/view/en/3TH4244-3BF4/all">http://support.automation.siemens.com/WW/view/en/3TH4244-3BF4/all</a>		
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) <a href="http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH4244-3BF4">http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH4244-3BF4</a>		
last change:		Jun 16, 2014