

CONTACTOR RELAY 44E F.CONTACTOR SAFETY
COMBINATION 4NO+4NC,
SCREW TERMINAL BRIDGE-CONN.RECTIFIER BUILT-IN
DC OPERATION 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	10
• at 400 V / rated value	A	6
Identification number and letter for switching elements		44 E
Number of NC contacts / for auxiliary contacts		4
• lagging switching		0
• delayed switching		0
• asynchronous switching		0
Number of NO contacts / for auxiliary contacts		4
• leading switching		0
• delayed switching		0
• asynchronous switching		0
Number of changeover contacts / for auxiliary contacts		0

Connection type:

Design of the surge suppressor		with full-wave rectification
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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	45
Height	mm	78
Depth	mm	135
Certificates/approvals:		
General Product Approval		Functional Safety / Safety of Machinery
		
CCC	CSA	UL
Test Certificates		Type Examination
other	Special Test Certificate	Type Test Certificates/Test Report
Shipping Approval		
other		
Declaration of Conformity	other	Environmental Confirmations
Safety:		
Protection against electrical shock		finger-safe
B10 value / with high demand rate		1,000,000
• according to SN 31920		With 0.3 x I _e
• 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/3TH4244-3BB4/all		
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH4244-3BB4		
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