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Data sheet 3TH42 44-0BM4

CONTACTOR RELAY 44E EN 50 011 4NO+4NC, SCREW TERMINALS DC OPERATION DC SOLENOID SYSTEM DC 220V

General technical data:		
Size of contactor		0
Ambient temperature during operation	°C	-25 ... +55
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		DC
Control supply voltage		
• for DC		
— Rated value	V	220

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
• make-before-break switching		0
Number of NO contacts for auxiliary contacts		

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• delayed switching		0
• leading contact		0
• make-before-break switching		0
Number of CO contacts for auxiliary contacts		0

Connections/ Terminals:

Type of electrical connection for auxiliary and control current circuit		screw-type terminals

Mechanical data:

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				Test Certificates	
CCC	CSA	UL	EAC	Type Test Certificates/Test Report	Special Test Certificate

Test Certificates	Shipping Approval				other
other	DNV	GL	LRS	RMRS	other

other	
Declaration of Conformity	Environmental Confirmations

Safety related data:

Protection against electrical shock		finger-safe
B10 value with high demand rate acc. to SN 31920		1 000 000
• Note		With 0.3 x Ie
T1 value for proof test interval or service life acc. to IEC 61508	y	20

Further information

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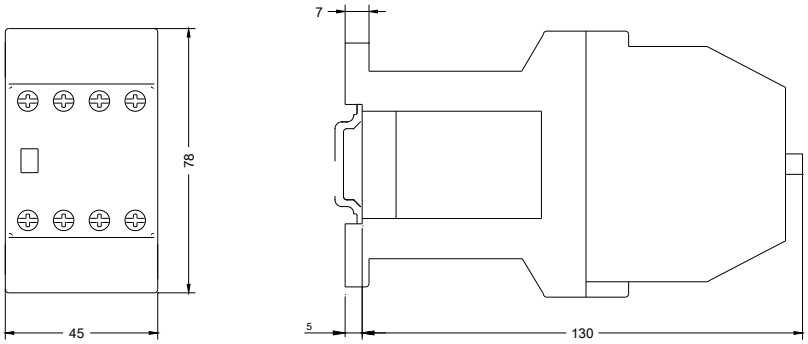
Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)
http://www.siemens.com/industrymall

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH42440BM4

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3TH42440BM4/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/index.aspx?attID9=3TH42440BM4&lang=en



last modified: 09.03.2015

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