



Contactor relay, 44E, DIN EN 50011, for railway applications 4NO+4NC, screw terminal Operating range 0.7...1.25xUS connected to varistor 24 V DC

product designation	Auxiliary contactor
product type designation	3TH4
size of contactor	0
reference code acc. to IEC 81346-2	K
Substance Prohibitation (Date)	01.03.2017 00:00:00
ambient temperature during operation	-40 ... +70 °C
type of voltage of the control supply voltage	DC
control supply voltage at DC	
• rated value	24 V
design of the surge suppressor	with varistor
number of NC contacts for auxiliary contacts	4
• delayed switching	0
• lagging switching	0
• make-before-break switching	0
number of NO contacts for auxiliary contacts	4
• delayed switching	0
• leading contact	0
• make-before-break switching	0
number of CO contacts for auxiliary contacts	0
identification number and letter for switching elements	44 E
operational current at AC-15	
• at 230 V rated value	10 A
• at 400 V rated value	6 A
fastening method	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
height	78 mm
width	45 mm
depth	135 mm
type of electrical connection for auxiliary and control circuit	screw-type terminals
Safety related data	
B10 value with high demand rate acc. to SN 31920	1 000 000; With 0.3 x Ie
T1 value for proof test interval or service life acc. to IEC 61508	20 y
protection class IP on the front acc. to IEC 60529	IP00
Further information	
Information- and Downloadcenter (Catalogs, Brochures,...)	
https://www.siemens.com/ic10	
Industry Mall (Online ordering system)	

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TH4244-0LB4>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4244-0LB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4244-0LB4>

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

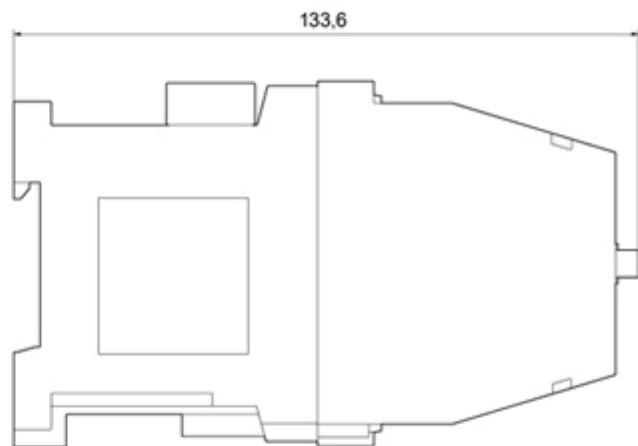
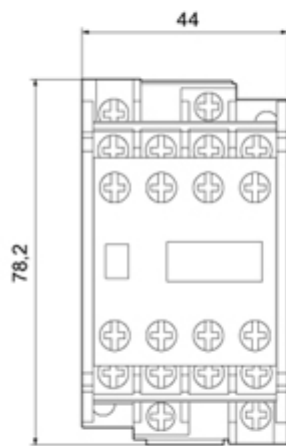
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4244-0LB4&lang=en

Characteristic: Tripping characteristics, I^2t , Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4244-0LB4/char>

Further characteristics (e.g. electrical endurance, switching frequency)

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4244-0LB4&objecttype=14&gridview=view1>



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