



For contactor relays 55E, EN 50011 5 NO + 5 NC, screw terminal DC operation DC operation Integr. varistor

product designation	Auxiliary contactor		
product type designation	3TH4		
size of contactor	0		
reference code according to IEC 81346-2	K		
Substance Prohibittance (Date)	03/01/2017		
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	5		
• delayed switching	0		
• lagging switching	0		
• make-before-break switching	0		
number of NO contacts for auxiliary contacts	5		
• 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	55 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 DIN rail according to DIN EN 50022		
height	78 mm		
width	55 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 according to SN 31920	1 000 000; With 0.3 x Ie		
T1 value for proof test interval or service life according to IEC 61508	20 a		
protection class IP on the front according to IEC 60529	IP00		
Certificates/ approvals			
General Product Approval		Functional Safety/Safety of Machinery	Declaration of Conformity




KC



Type Examination Certificate



EG-Konf.

Declaration of Conformity	Test Certificates				other
	Type Test Certificates/Test Report	Special Test Certificate	Miscellaneous	Miscellaneous	Confirmation

Railway

[Special Test Certificate](#)

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3TH4355-0LB4>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4355-0LB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4355-0LB4>

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

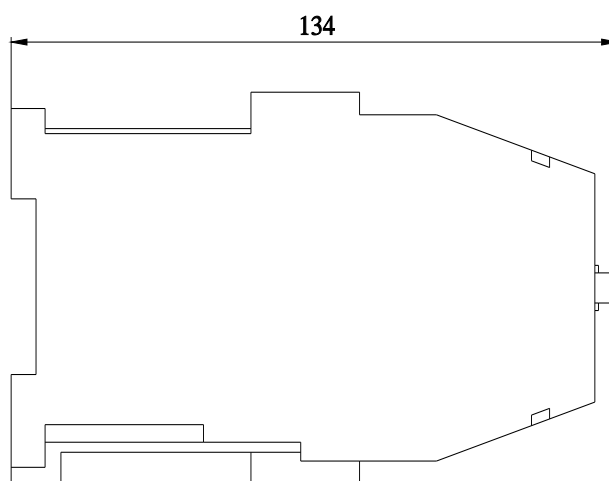
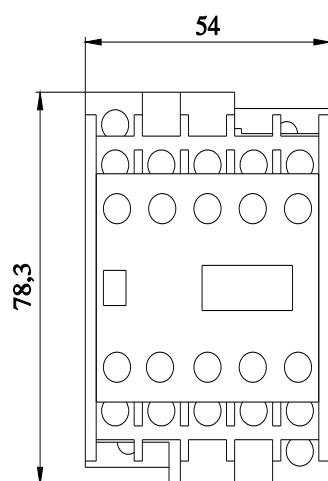
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4355-0LB4&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4355-0LB4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4355-0LB4&objecttype=14&gridview=view1>



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