



Contactor relay, 53E, DIN EN 50011, 5NO + 3NC, screw terminal DC operation 24 V DC

<b>product designation</b>	Auxiliary contactor
<b>product type designation</b>	3TH4
<b>size of contactor</b>	0
<b>reference code acc. to IEC 81346-2</b>	K
Substance Prohibance (Date)	01.03.2017 00:00:00
ambient temperature during operation	-25 ... +55 °C
<b>type of voltage of the control supply voltage</b>	DC
<b>control supply voltage at DC</b>	
• rated value	24 V
<b>number of NC contacts for auxiliary contacts</b>	3
• delayed switching	0
• lagging switching	0
• make-before-break switching	0
<b>number of NO contacts for auxiliary contacts</b>	5
• delayed switching	0
• leading contact	0
• make-before-break switching	0
number of CO contacts for auxiliary contacts	0
<b>identification number and letter for switching elements</b>	53 E
<b>operational current at AC-15</b>	
• at 230 V rated value	10 A
• at 400 V rated value	6 A
<b>fastening method</b>	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
<b>height</b>	78 mm
<b>width</b>	45 mm
<b>depth</b>	135 mm
type of electrical connection for auxiliary and control circuit	screw-type terminals
<b>Safety related data</b>	
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
<b>Further information</b>	
Information- and Downloadcenter (Catalogs, Brochures,...)	
<a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a>	
Industry Mall (Online ordering system)	
<a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TH4253-0BB4">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TH4253-0BB4</a>	

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4253-0BB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4253-0BB4>

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

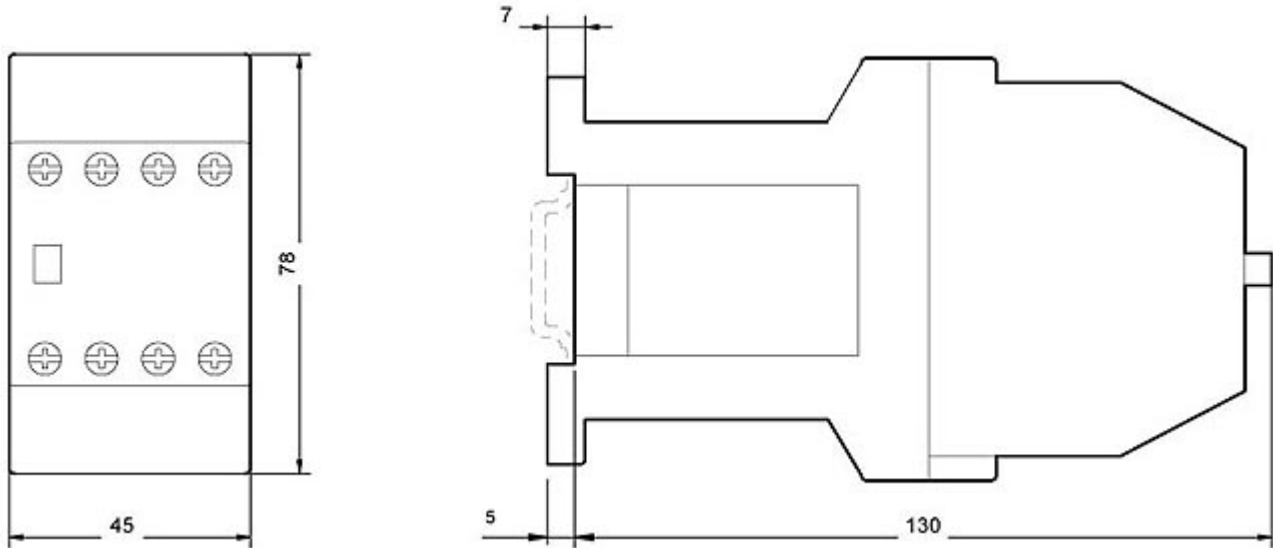
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TH4253-0BB4&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4253-0BB4&lang=en)

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4253-0BB4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4253-0BB4&objecttype=14&gridview=view1>



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12/23/2020 