



Figure similar

Contactor relay, 82E, EN 50011, 8 NO + 2 NC, screw terminal, DC operation, 220 V DC

product designation	Auxiliary contactor
product type designation	3TH4
size of contactor	0
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	03/01/2017
ambient temperature during operation	-25 ... +55 °C
type of voltage of the control supply voltage	DC
control supply voltage at DC rated value	220 V
number of NC contacts for auxiliary contacts <ul style="list-style-type: none"><li>• delayed switching</li><li>• lagging switching</li><li>• make-before-break switching</li></ul>	2 0 0 0
number of NO contacts for auxiliary contacts <ul style="list-style-type: none"><li>• delayed switching</li><li>• leading contact</li><li>• make-before-break switching</li></ul>	8 0 0 0
number of CO contacts for auxiliary contacts	0
identification number and letter for switching elements	82 E
operational current at AC-15 <ul style="list-style-type: none"><li>• at 230 V rated value</li><li>• at 400 V rated value</li></ul>	10 A 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 I <sub>e</sub>
IEC 61508	
T1 value <ul style="list-style-type: none"><li>• for proof test interval or service life according to IEC 61508</li></ul>	20 a
Electrical Safety	
protection class IP on the front according to IEC 60529	IP00; IP20 with screws tightened, even for contacts not in use
Approvals Certificates	
General Product Approval	



Functional Safety	Test Certificates	Marine / Shipping
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[Type Examination Certificate](#)

[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[Miscellaneous](#)



other	Railway	Environment
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[Confirmation](#)

[Special Test Certificate](#)

[Environmental Conformations](#)

#### Further information

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=3TH4382-0BM4>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4382-0BM4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4382-0BM4>

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

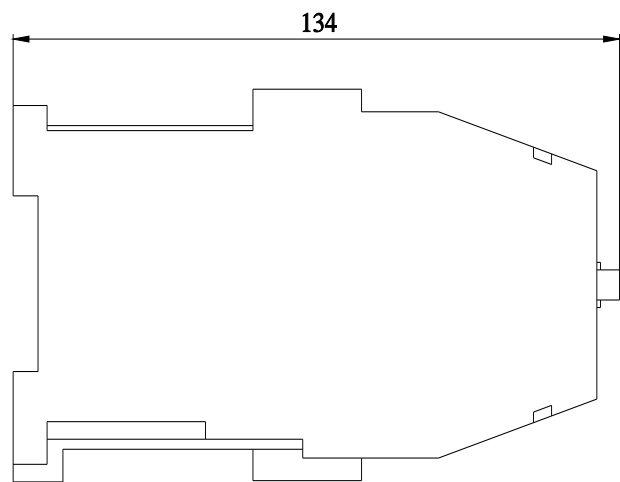
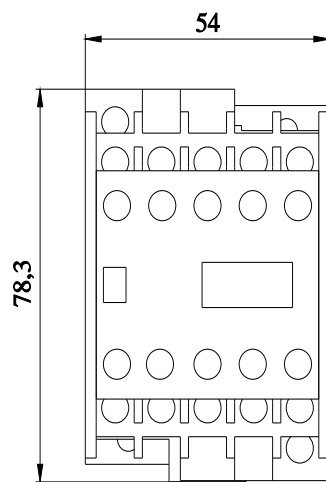
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TH4382-0BM4&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4382-0BM4&lang=en)

Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4382-0BM4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4382-0BM4&objecttype=14&gridview=view1>



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12/20/2023 