



Contactor relay, 80E, DIN EN 50011, 8 NO, screw terminal AC operation
120 V AC 60 Hz/110 V AC 50 Hz

product designation	Auxiliary contactor
product type designation	3TH4
size of contactor	0
reference code acc. to IEC 81346-2	K
Substance Prohibance (Date)	31.12.2099 00:00:00
ambient temperature during operation	-25 ... +55 °C
type of voltage of the control supply voltage	AC
control supply voltage at AC	
• at 50 Hz rated value	110 V
• at 60 Hz rated value	120 V
control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
number of NC contacts for auxiliary contacts	0
• delayed switching	0
• lagging switching	0
• make-before-break switching	0
number of NO contacts for auxiliary contacts	8
• 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	80 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	102 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 I _e
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=3TH4280-0AK6>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4280-0AK6>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4280-0AK6>

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

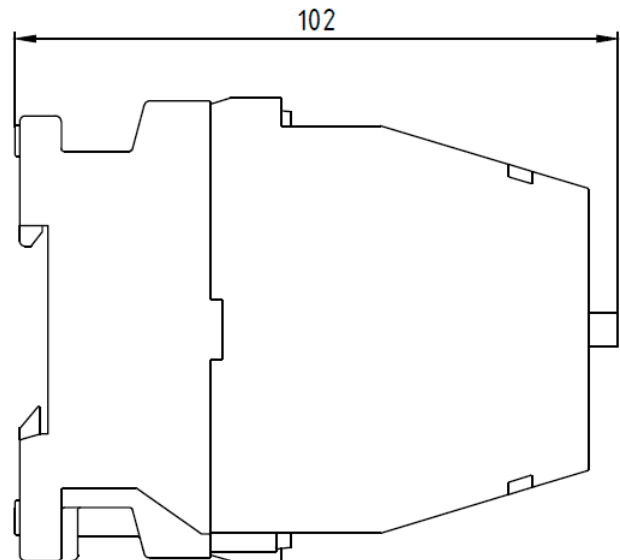
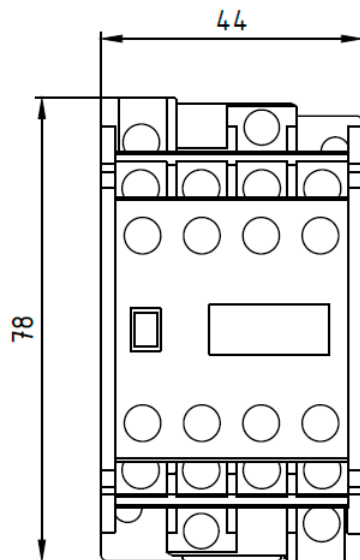
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4280-0AK6&lang=en

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4280-0AK6/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4280-0AK6&objecttype=14&gridview=view1>



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1/18/2021 