SIEMENS

Data sheet 3TH4355-0AK6

Contactor relay, 55E, EN 50011, 5 NO + 5 NC, 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 according to IEC 81346-2	K
Substance Prohibitance (Date)	12/31/2099
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	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	102 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 y
protection class IP on the front according 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=3TH4355-0AK6

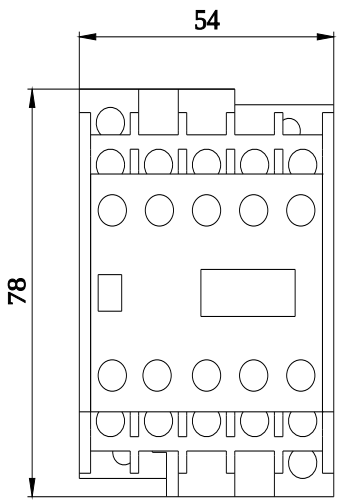
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4355-0AK6

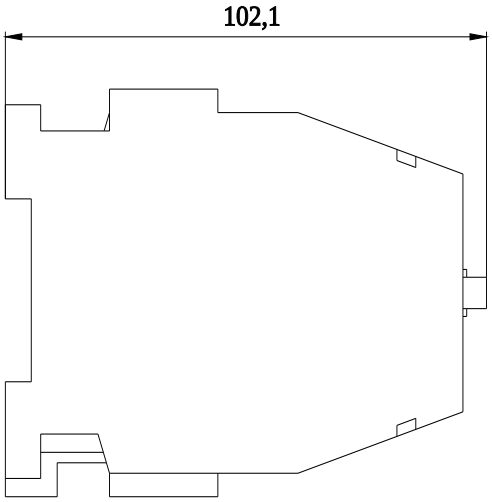
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3TH4355-0AK6

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4355-0AK6&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current
https://support.industry.siemens.com/cs/ww/en/ps/3TH4355-0AK6/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4355-0AK6&objecttype=14&gridview=view1





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