## **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         50 Hz           • at 60 Hz rated value         60 Hz           • at 60 Hz rated value         60 Hz           • at 60 Hz rated value         60 Hz           • at 60 MZ contacts for auxiliary contacts         5           • delayed switching         0           • at agging contact         0           • at agging virtaet v		
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 at AC       -25 +55 °C         e at 50 Hz rated value       110 V         e at 60 Hz rated value       120 V         control supply voltage frequency       -         • 1 rated value       60 Hz         • 2 rated value       60 Hz         • at 60 Nz contacts for auxiliary contacts       5         • delayed switching       0         • lagging switching       0         • lagging switching       0         • delayed switching       0         • at ado NC contacts for auxiliary contacts       5         • delayed switching       0         • lagging contact       0         • make-before-break switching       0         number of NC contacts for auxiliary contacts       5         • delayed switching       0         • adago ontact       0         • adago V rated value       6 A         state dor before-break switching       0         • adago V rated value       6 A         • at	product designation	Auxiliary contactor
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       e at 50 Hz rated value     110 V       e at 50 Hz rated value     120 V       control supply voltage frequency     120 V       e at 60 Hz rated value     20 V       control supply voltage frequency     0       e 1 rated value     60 Hz       e 2 rated value     0       e delayed switching     0       e ladging switching     0       e ladging switching     0       e ladging contacts     5       o delayed switching     0       e ladging contacts for auxiliary contacts     5       o delayed switching     0       e ladging contact     0       make-before-break switching     0       e ladging contact     0       operational current at AC-15     0       e at 230 V rated value     6A       satized value     10 A       e at 230 V rated value     6A       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022       height     78 mm       witch     55 mm       operational current at AC-15     78 mm <t< th=""><th>product type designation</th><th>3TH4</th></t<>	product type designation	3TH4
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         110 V           • at 50 Hz rated value         110 V           • at 60 Hz rated value         10 V           • at 60 Hz rated value         50 Hz           • 1 rated value         60 Hz           • 1 rated value         50 Hz           • 2 rated value         60 Hz           • number of NC contacts for auxiliary contacts         5           • delayed switching         0           • lagging switching         0           • lagging switching         0           • ladging switching         0           • ladging contact         5           • delayed switching         0           • ladging contact         0           • make-before-break switching         0           • ladding contact         5           • delayed switching         0           • at 200 V rated value         6 A	size of contactor	0
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elementsImage: constraint of the second	number of CO contacts for auxiliary contacts	0
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depth       102 mm         type of electrical connection for auxiliary and control circuit       screw-type terminals         Safety related data       536 type for proof test interval or service life according to SN 31920         T1 value for proof test interval or service life according to SN 31920       1 000 000; With 0.3 x le         20 y       20 y	height	78 mm
type of electrical connection for auxiliary and control circuit       screw-type terminals         Safety related data       Image: Safety related data         B10 value with high demand rate according to SN 31920       1 000 000; With 0.3 x le         T1 value for proof test interval or service life according to IEC 61508       20 y	width	55 mm
Safety related data       B10 value with high demand rate according to SN 31920       1 000 000; With 0.3 x le         T1 value for proof test interval or service life according to IEC 61508       20 y	depth	102 mm
B10 value with high demand rate according to SN 319201 000 000; With 0.3 x leT1 value for proof test interval or service life according to IEC 6150820 y	type of electrical connection for auxiliary and control circuit	screw-type terminals
T1 value for proof test interval or service life according to IEC 6150820 y	Safety related data	
IEC 61508	•	1 000 000; With 0.3 x le
protection class IP on the front according to IEC IP00		20 y
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

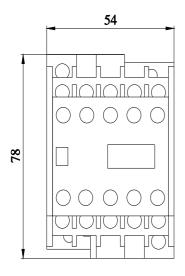
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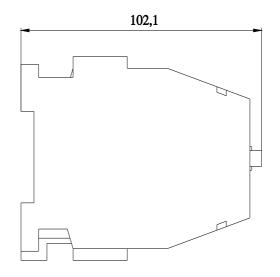
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Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

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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