



Figure similar

contactor relay, 55E, EN 50011, 5 NO + 5 NC, 1U, screw terminal 220 V AC 50/60 Hz AC operation,

product designation	Auxiliary contactor
product type designation	3TH4
size of contactor	0
reference code according to IEC 81346-2	K
Substance Prohibittance (Date)	12/31/2099
Weight	0.46 kg
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	220 V
• at 60 Hz rated value	220 V
control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
number of NC contacts for auxiliary contacts	4
• delayed switching	0
• lagging switching	1
• make-before-break switching	1
number of NO contacts for auxiliary contacts	4
• delayed switching	0
• leading contact	1
• make-before-break switching	1
number of CO contacts for auxiliary contacts	0
identification number and letter for switching elements	55 E, 1U
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	
product function positively driven operation according to IEC 60947-5-1	No
B10 value with high demand rate according to SN 31920	1 000 000; With 0.3 x I _e
IEC 61508	
T1 value	
• for proof test interval or service life according to IEC 61508	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



[Type Examination Certificate](#)

Test Certificates	other	Railway
Type Test Certificates/Test Report	Miscellaneous	Special Test Certificate
Special Test Certificate	Miscellaneous	Special Test Certificate
Miscellaneous	Confirmation	

Environment
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=3TH4394-0AN2 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4394-0AN2 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3TH4394-0AN2 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4394-0AN2&lang=en Characteristic: Tripping characteristics, I_t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3TH4394-0AN2/char Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4394-0AN2&objecttype=14&gridview=view1



last modified:

4/2/2025 