SIEMENS

Data sheet 3TH4355-0BB4



Contactor relay, 55E, EN 50011, 5 NO + 5 NC, screw terminal, DC operation, 24 V DC

Figure similar

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
Weight	0.702 kg
ambient temperature during operation	-25 +55 °C
type of voltage of the control supply voltage	DC
control supply voltage at DC rated value	24 V
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	135 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	Yes
B10 value with high demand rate according to SN 31920	1 000 000; With 0.3 x le
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	











<u>KC</u>

Functional Saftey Test Certificates other

<u>Type Examination Cer-</u> <u>Miscellaneous</u> <u>Type Test Certific-</u> <u>Special Test Certific-</u> <u>Miscellaneous</u> <u>Confirmation ates/Test Report</u> <u>ate</u>

Railway Environment

Special Test Certificate Environmental Confirmations

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=3TH4355-0BB4

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4355-0BB4

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

https://support.industry.siemens.com/cs/ww/en/ps/3TH4355-0BB4

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

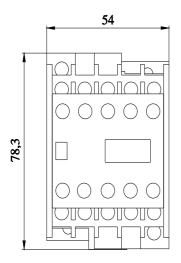
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4355-0BB4&lang=en

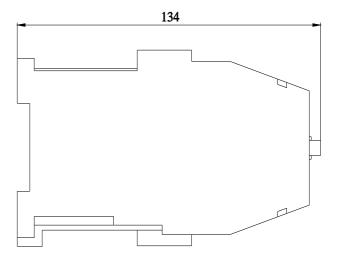
Characteristic: Tripping characteristics, I2t, Let-through current

 $\underline{\text{https://support.industry.siemens.com/cs/ww/en/ps/3TH4355-0BB4/char}}$

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

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4355-0BB4&objecttype=14&gridview=view1





last modified: 10/25/2024 🖸