



Figure similar

contactor relay, 55E, EN 50011, 5 NO + 5 NC, screw terminal, DC operation, 125 V DC


|   |  |
|---|--|
| <b>product designation</b>  | Auxiliary contactor  |
| <b>product type designation</b>   | 3TH4   |
| <b>size of contactor</b>  | 0  |
| <b>reference code according to IEC 81346-2</b>                          | K  |
| <b>Substance Prohibition (Date)</b>                                     | 03/01/2017   |
| <b>Weight</b>   | 0.694 kg   |
| ambient temperature during operation                                    | -25 ... +55 °C   |
| <b>type of voltage of the control supply voltage</b>                    | DC   |
| <b>control supply voltage at DC rated value</b>                         | 125 V  |
| <b>number of NC contacts for auxiliary contacts</b>                     | 5  |
| • delayed switching   | 0  |
| • lagging switching   | 0  |
| • make-before-break switching   | 0  |
| <b>number of NO contacts for auxiliary contacts</b>                     | 5  |
| • delayed switching   | 0  |
| • leading contact   | 0  |
| • make-before-break switching   | 0  |
| number of CO contacts for auxiliary contacts                            | 0  |
| <b>identification number and letter for switching elements</b>          | 55 E   |
| <b>operational current at AC-15</b>                                     |  |
| • at 230 V rated value  | 10 A   |
| • at 400 V rated value  | 6 A  |
| <b>fastening method</b>   | screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022 |
| <b>height</b>   | 78 mm  |
| <b>width</b>  | 55 mm  |
| <b>depth</b>  | 135 mm   |
| type of electrical connection for auxiliary and control circuit         | screw-type terminals   |
| <b>Safety related data</b>  |  |
| product function positively driven operation according to IEC 60947-5-1 | Yes  |
| <b>B10 value with high demand rate according to SN 31920</b>            | 1 000 000; With 0.3 x Ie   |
| IEC 61508   |  |
| <b>T1 value</b>   |  |
| • for proof test interval or service life according to IEC 61508        | 20 a   |
| <b>Electrical Safety</b>  |  |
| <b>protection class IP on the front according to IEC 60529</b>          | IP00; IP20 with screws tightened, even for contacts not in use           |
| <b>Approvals Certificates</b>   |  |

General Product Approval



[KC](#)



| Functional Safety                            | Test Certificates                        |  |                               |                               | other   |
|--|--|--|-------------------------------|-------------------------------|---|
| <a href="#">Type Examination Certificate</a> | <a href="#">Special Test Certificate</a> | <a href="#">Type Test Certificates/Test Report</a> | <a href="#">Miscellaneous</a> | <a href="#">Miscellaneous</a> |  |
| other  | Railway                                  | Environment  |                               |                               |   |
| <a href="#">Confirmation</a>                 | <a href="#">Special Test Certificate</a> | <a href="#">Environmental Conformations</a>        |                               |                               |   |

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3TH4355-0BG4>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4355-0BG4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4355-0BG4>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TH4355-0BG4&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4355-0BG4&lang=en)

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4355-0BG4/char>

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

<https://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4355-0BG4&objecttype=14&gridview=view1>



---

last modified:

4/2/2025 