SIEMENS

## Data sheet 3TH4244-0LF4




Figure similar

contactor relay, 44E, for railway applications, 4 NO + 4 NC, screw terminal, operating range 0.7...1.25xUs connected to varistor 110 V DC

| | |
|---|---|
| **product designation** | Auxiliary contactor |
| **product type designation** | 3TH4 |
| **size of contactor** | 0 |
| **reference code according to IEC 81346-2** | K |
| **Substance Prohibitance (day/month/year)** | 03/01/2017 |
| **Net Weight** | 655 g |
| ambient temperature during operation | -40 ... +70 °C |
| **type of voltage of the control supply voltage** | DC |
| **control supply voltage at DC rated value** | 110 V |
| **design of the surge suppressor** | with varistor |
| **number of NC contacts for auxiliary contacts** | 4 |
| ● delayed switching | 0 |
| ● lagging switching | 0 |
| ● make-before-break switching | 0 |
| **number of NO contacts for auxiliary contacts** | 4 |
| ● 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** | 44 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** | 45 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 Ie |
| 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** | |


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| Environment | General Product Approval | | | | |
|---|---|---|---|---|---|
| Environmental Confirmations | | | | | |

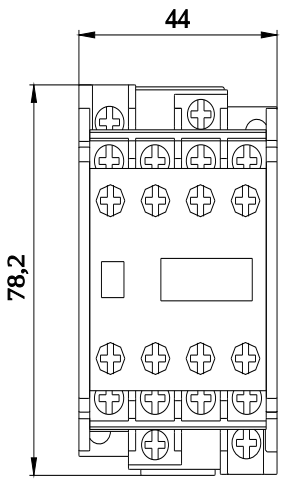
| General Product Approval | Functional Saftey | Test Certificates | | | |
|---|---|---|---|---|---|
| | Type Examination Certificate | Miscellaneous | Miscellaneous | Special Test Certificate | Type Test Certificates/Test Report |

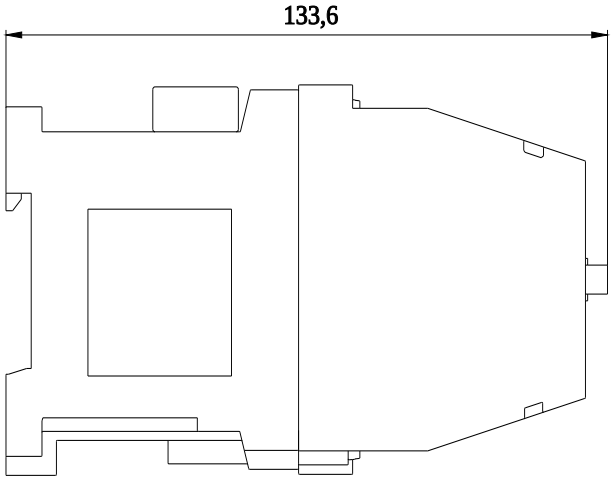
| other | Railway |
|---|---|
| Confirmation | Special Test Certificate |

## 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=3TH4244-0LF4
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3TH4244-0LF4
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4244-0LF4&lang=en
**Cax online generator**
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4244-0LF4
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