



Figure similar

Contactor relay, 44E, DIN EN 50011, for railway applications 4NO+4NC, screw terminal Operating range 0.7...1.25xUS connected to varistor 24 V DC

| | |
|--|--|
| product designation | Auxiliary contactor |
| product type designation | 3TH4 |
| size of contactor | 0 |
| reference code according to IEC 81346-2 | K |
| Substance Prohibition (Date) | 03/01/2017 |
| ambient temperature during operation | -40 ... +70 °C |
| type of voltage of the control supply voltage | DC |
| control supply voltage at DC rated value | 24 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 | |
| B10 value with high demand rate according to SN 31920 | 1 000 000; With 0.3 x Ie |
| IEC 61508 | |
| T1 value | 20 a |
| • for proof test interval or service life according to IEC 61508 | |
| 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 |



EG-Konf.



CCC



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[Type Examination Certificate](#)

Test Certificates

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[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

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Environment

[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=3TH4244-0LB4>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4244-0LB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4244-0LB4>

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

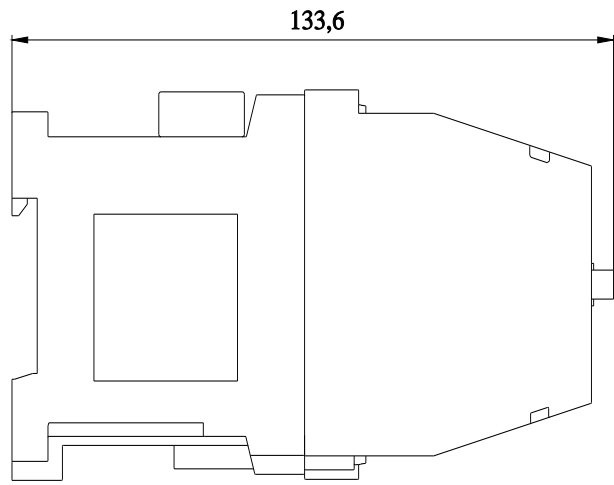
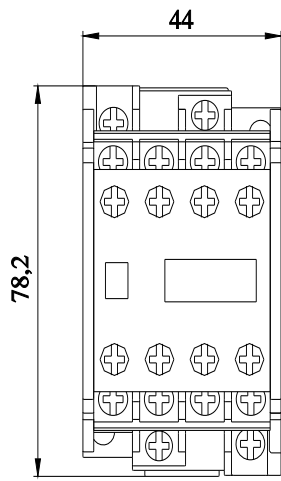
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4244-0LB4&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4244-0LB4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4244-0LB4&objecttype=14&gridview=view1>



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12/20/2023 