



Figure similar

contactor relay, 91E, EN 50011, 9 NO + 1 NC, screw terminal, AC operation, 110 V AC 50/60 Hz

| | |
|---|--|
| product designation | Auxiliary contactor |
| product type designation | 3TH4 |
| size of contactor | 0 |
| reference code according to IEC 81346-2 | K |
| Substance Prohibition (Date) | 12/31/2099 |
| Weight | 0.467 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 | 110 V |
| • at 60 Hz rated value | 110 V |
| control supply voltage frequency | |
| • 1 rated value | 50 Hz |
| • 2 rated value | 60 Hz |
| number of NC contacts for auxiliary contacts | 1 |
| • delayed switching | 0 |
| • lagging switching | 0 |
| • make-before-break switching | 0 |
| number of NO contacts for auxiliary contacts | 9 |
| • 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 | 91 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 | 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 | Yes |
| 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



KC



Functional Safety

Test Certificates

other

[Type Examination Certificate](#)

[Miscellaneous](#)

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

[Miscellaneous](#)



other

Railway

Environment

[Confirmation](#)

[Special Test Certificate](#)

[Environmental Confirmations](#)

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=3TH4391-0AG2>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4391-0AG2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4391-0AG2>

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

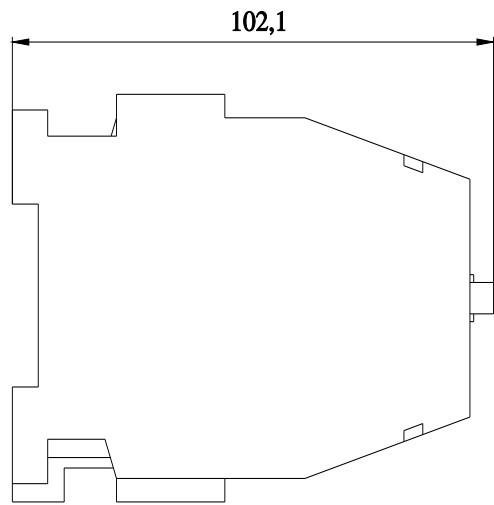
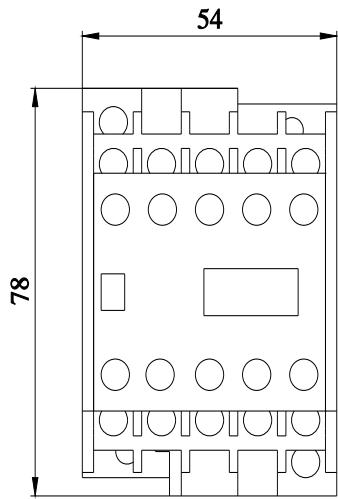
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4391-0AG2&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4391-0AG2/char>

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

<https://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4391-0AG2&objecttype=14&gridview=view1>



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4/2/2025 