

Contactor relay, 44E, DIN EN 50011, 4NO + 4NC, screw terminal DC operation 24 V DC



|                                               |                     |
|-----------------------------------------------|---------------------|
| Product designation                           | Auxiliary contactor |
| Product type designation                      | 3TH4                |
| Size of contactor                             | 0                   |
| Protection class IP on the front              | IP20                |
| Reference code acc. to DIN EN 81346-2         | K                   |
| 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  | 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                                                                                   |
| Operating current at AC-15 <ul style="list-style-type: none"> <li>at 230 V rated value</li> <li>at 400 V rated value</li> </ul> | 10 A<br>6 A                                                                            |
| Mounting type                                                                                                                   | screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 |
| Height                                                                                                                          | 78 mm                                                                                  |
| Width                                                                                                                           | 45 mm                                                                                  |
| Depth                                                                                                                           | 135 mm                                                                                 |
| Type of electrical connection for auxiliary and control current circuit                                                         | screw-type terminals                                                                   |
| B10 value with high demand rate acc. to SN 31920                                                                                | 1 000 000; With 0.3 x I <sub>e</sub>                                                   |
| T1 value for proof test interval or service life acc. to IEC 61508                                                              | 20 y                                                                                   |
| Protection against electrical shock                                                                                             | finger-safe                                                                            |

#### Further information

##### 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=3TH4244-0BB4>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4244-0BB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4244-0BB4>

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

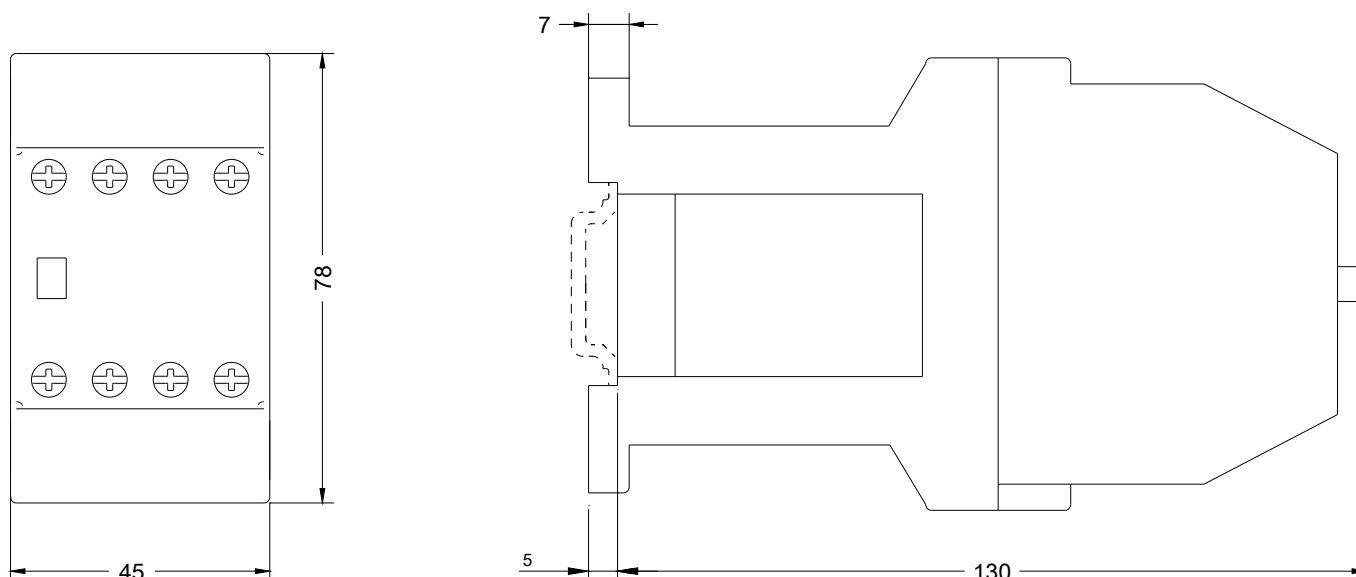
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TH4244-0BB4&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4244-0BB4&lang=en)

##### Characteristic: Tripping characteristics, I<sub>t</sub>, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4244-0BB4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4244-0BB4&objecttype=14&gridview=view1>



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