



Figure similar

contactor relay, 73E, EN 50011, 7 NO + 3 NC 1U screw terminal AC operation, 220 V AC 50/60 Hz

|                                                                         |                                                                          |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------|
| <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 Prohibittance (Date)</b>                                   | 12/31/2099                                                               |
| <b>Weight</b>                                                           | 0.463 kg                                                                 |
| ambient temperature during operation                                    | -25 ... +55 °C                                                           |
| <b>type of voltage of the control supply voltage</b>                    | AC                                                                       |
| <b>control supply voltage at AC</b>                                     |                                                                          |
| • at 50 Hz rated value                                                  | 220 V                                                                    |
| • at 60 Hz rated value                                                  | 220 V                                                                    |
| <b>control supply voltage frequency</b>                                 |                                                                          |
| • 1 rated value                                                         | 50 Hz                                                                    |
| • 2 rated value                                                         | 60 Hz                                                                    |
| <b>number of NC contacts for auxiliary contacts</b>                     | 2                                                                        |
| • delayed switching                                                     | 0                                                                        |
| • lagging switching                                                     | 1                                                                        |
| • make-before-break switching                                           | 1                                                                        |
| <b>number of NO contacts for auxiliary contacts</b>                     | 6                                                                        |
| • delayed switching                                                     | 0                                                                        |
| • leading contact                                                       | 1                                                                        |
| • make-before-break switching                                           | 1                                                                        |
| number of CO contacts for auxiliary contacts                            | 0                                                                        |
| <b>identification number and letter for switching elements</b>          | 73 E, 1U                                                                 |
| <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>                                                            | 102 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 | No                                                                       |
| <b>B10 value with high demand rate according to SN 31920</b>            | 1 000 000; With 0.3 x I <sub>e</sub>                                     |
| IEC 61508                                                               |                                                                          |
| <b>T1 value</b>                                                         |                                                                          |
| • for proof test interval or service life according to IEC 61508        | 20 a                                                                     |

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 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                                                                   |
| <div>      </div> <div> <a href="#">Type Examination Certificate</a> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                     |
| Test Certificates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | other                                                                               |
| <a href="#">Type Test Certificates/Test Report</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Miscellaneous</a>                                                       |
| <a href="#">Special Test Certificate</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Miscellaneous</a>                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
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| Railway                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Environment                                                                         |
| <a href="#">Special Test Certificate</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Environmental Confirmations</a>                                         |
| Further information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                     |
| <p>Information on the packaging<br/> <a href="https://support.industry.siemens.com/cs/ww/en/view/109813875">https://support.industry.siemens.com/cs/ww/en/view/109813875</a></p> <p>Information- and Downloadcenter (Catalogs, Brochures,...)<br/> <a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a></p> <p>Industry Mall (Online ordering system)<br/> <a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TH4346-0AN2">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TH4346-0AN2</a></p> <p>Cax online generator<br/> <a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3TH4346-0AN2">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3TH4346-0AN2</a></p> <p>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)<br/> <a href="https://support.industry.siemens.com/cs/ww/en/ps/3TH4346-0AN2">https://support.industry.siemens.com/cs/ww/en/ps/3TH4346-0AN2</a></p> <p>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)<br/> <a href="http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4346-0AN2&amp;lang=en">http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4346-0AN2&amp;lang=en</a></p> <p>Characteristic: Tripping characteristics, I<sub>t</sub>, Let-through current<br/> <a href="https://support.industry.siemens.com/cs/ww/en/ps/3TH4346-0AN2/char">https://support.industry.siemens.com/cs/ww/en/ps/3TH4346-0AN2/char</a></p> <p>Further characteristics (e.g. electrical endurance, switching frequency)<br/> <a href="http://www.automation.siemens.com/bilddb/index.aspx?view=Search&amp;mlfb=3TH4346-0AN2&amp;objecttype=14&amp;gridview=view1">http://www.automation.siemens.com/bilddb/index.aspx?view=Search&amp;mlfb=3TH4346-0AN2&amp;objecttype=14&amp;gridview=view1</a></p> |                                                                                     |



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