

Contactor relay, 53E, DIN EN 50011, 5NO + 3NC, screw terminal AC operation 230 V AC 50/60 Hz



|   |                     |
|---|---------------------|
| <b>Product designation</b>  | Auxiliary contactor |
| <b>Product type designation</b>   | 3TH4                |
| <b>Size of contactor</b>  | 0                   |
| Protection class IP on the front  | IP20                |
| <b>Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750</b> | K                   |
| <b>Reference code acc. to DIN EN 81346-2</b>  | K                   |
| <b>Reference code acc. to DIN EN 61346-2</b>  | K                   |
| <b>Type of voltage of the control supply voltage</b>                                    | AC                  |
| <b>Control supply voltage at AC</b>   |                     |
| • at 50 Hz rated value  | 230 V               |
| • at 60 Hz rated value  | 230 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>                                     | 3                   |
| • delayed switching   | 0                   |
| • lagging switching   | 0                   |
| • make-before-break switching   | 0                   |

|   |  |
|---|--|
| <b>Number of NO contacts for auxiliary contacts</b>                       | 5  |
| • delayed switching   | 0  |
| • leading contact   | 0  |
| • make-before-break switching   | 0  |
| Number of CO contacts for auxiliary contacts                              | 0  |
| <b>Identification number and letter for switching elements</b>            | 53 E   |
| <b>Operating current at AC-15</b>   |  |
| • at 230 V rated value  | 10 A   |
| • at 400 V rated value  | 6 A  |
| <b>Mounting type</b>  | screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 |
| <b>Height</b>   | 78 mm  |
| <b>Width</b>  | 45 mm  |
| <b>Depth</b>  | 102 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>   |
| <b>T1 value for proof test interval or service life acc. to IEC 61508</b> | 20 y   |
| <b>Protection against electrical shock</b>                                | 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=3TH4253-0AL2>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4253-0AL2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4253-0AL2>

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

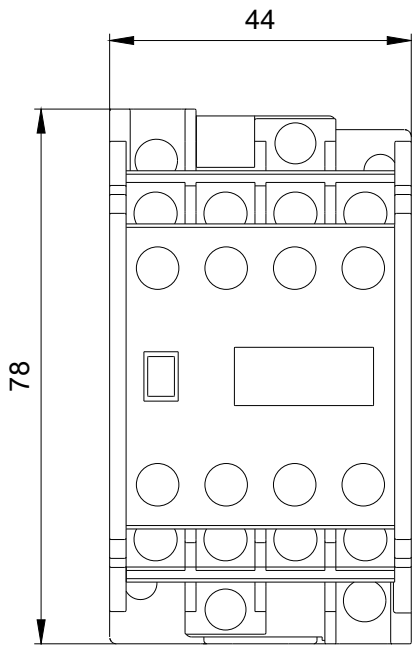
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TH4253-0AL2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4253-0AL2&lang=en)

##### Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4253-0AL2/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4253-0AL2&objecttype=14&gridview=view1>



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