SIEMENS

## Data sheet 3TH43 94-0AB0

CONTACTOR RELAY 55E EN 50 011 5NO+5NC,1 O'LAP,SCREW TERMIN. AC OPERATION AC 50HZ 24V/60HZ 29V



Figure similar

| General technical data: | |
|---|---|
| **Size of contactor** | 0 |
| **Ambient temperature during operation** | -25 ... +55 °C |
| **Protection class IP on the front** | IP20 |
| **Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750** | K |
| **Equipment marking acc. to DIN EN 61346-2** | K |
| **Equipment marking acc. to DIN EN 81346-2** | K |

| Control circuit/ Control: | |
|---|---|
| **Type of voltage of the control supply voltage** | AC |
| **Control supply voltage frequency** | |
| • 1 rated value | 50 Hz |
| • 2 rated value | 60 Hz |
| **Control supply voltage** | |
| • at AC | |
| — at 50 Hz | |
| — rated value | 24 V |
| — at 60 Hz | |


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| | |
|---|---|
| — rated value | 29 V |

| Auxiliary circuit: | |
|---|---|
| **Operating current at AC-15** | |
| • at 230 V rated value | 10 A |
| • at 400 V rated value | 6 A |
| **Identification number and letter for switching elements** | 55 E, 1U |
| **Number of NC contacts for auxiliary contacts** | 4 |
| • lagging switching | 1 |
| • delayed switching | 0 |
| • make-before-break switching | 1 |
| **Number of NO contacts for auxiliary contacts** | 4 |
| • delayed switching | 0 |
| • leading contact | 1 |
| • make-before-break switching | 1 |
| **Number of CO contacts for auxiliary contacts** | 0 |

| Connections/ Terminals: | |
|---|---|
| **Type of electrical connection for auxiliary and control current circuit** | screw-type terminals |

| Mechanical data: | |
|---|---|
| **Mounting type** | screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 |
| **Width** | 55 mm |
| **Height** | 78 mm |
| **Depth** | 102 mm |

| Certificates/approvals |
|---|


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| General Product Approval | | | | Declaration of Conformity | Test Certificates |
|---|---|---|---|---|---|
| CCC | CSA | UL | EAC | EG-Konf. | Typprüfbescheinigung/Werkszeugnis |

| Test Certificates | | Shipping Approval | | | |
|---|---|---|---|---|---|
| spezielle Prüfbescheinigungen | sonstig | DNV | GL | LRS | RMRS |

| other | |
|---|---|
| Umweltbestätigung | sonstig |

| Safety related data: | |
|---|---|
| **Protection against electrical shock** | finger-safe |
| B10 value with high demand rate acc. to SN 31920 | 1 000 000 |
| • Note | With 0.3 x Ie |
| **T1 value for proof test interval or service life acc. to IEC 61508** | 20 y |

## Further information

**Information- and Downloadcenter (Catalogs, Brochures,…)**
http://www.siemens.com/industrial-controls/catalogs

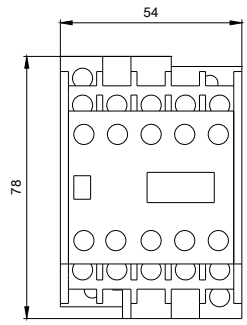
**Industry Mall (Online ordering system)**
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TH43940AB0

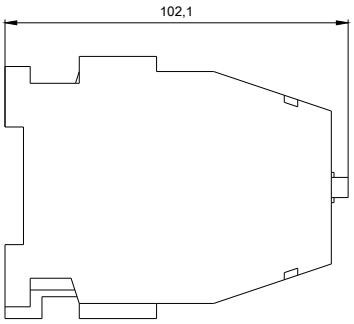
**Cax online generator**
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH43940AB0

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3TH43940AB0

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH43940AB0&lang=en


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