

CONTACTOR RELAY 40E EN 50 011 4NO, TAB CONNECTOR AC  
OPERATION AC 50HZ 110V/60HZ 132V



Figure similar

| General technical data:                                                             |                |
|-------------------------------------------------------------------------------------|----------------|
| Size of contactor                                                                   | 0              |
| Ambient temperature during operation                                                | -25 ... +55 °C |
| Protection class IP on the front                                                    | IP00           |
| 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                                                                       | 110 V          |

— at 60 Hz  
— rated value

132 V

#### Auxiliary circuit:

|                                                                |      |
|----------------------------------------------------------------|------|
| <b>Operating current at AC-15</b>                              |      |
| • at 230 V rated value                                         | 4 A  |
| • at 400 V rated value                                         | 3 A  |
| <b>Identification number and letter for switching elements</b> | 40 E |
| <b>Number of NC contacts for auxiliary contacts</b>            | 0    |
| • lagging switching                                            | 0    |
| • delayed switching                                            | 0    |
| • make-before-break switching                                  | 0    |
| <b>Number of NO contacts for auxiliary contacts</b>            | 4    |
| • delayed switching                                            | 0    |
| • leading contact                                              | 0    |
| • make-before-break switching                                  | 0    |
| <b>Number of CO contacts for auxiliary contacts</b>            | 0    |

#### Connections/ Terminals:

|                                                                                |                         |
|--------------------------------------------------------------------------------|-------------------------|
| <b>Type of electrical connection for auxiliary and control current circuit</b> | tab terminals 2x 2.8 mm |
|--------------------------------------------------------------------------------|-------------------------|

#### Mechanical data:

|                      |                                                                                        |
|----------------------|----------------------------------------------------------------------------------------|
| <b>Mounting type</b> | screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 |
| <b>Width</b>         | 45 mm                                                                                  |
| <b>Height</b>        | 48 mm                                                                                  |
| <b>Depth</b>         | 64.5 mm                                                                                |

#### Certificates/approvals

| General Product Approval                                                                 |                                                                                          |                                                                                         |                                                                                   | Functional Safety/Safety of Machinery  | Declaration of Conformity                                                                       |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------|
| <br>CCC | <br>CSA | <br>UL |  | <a href="#">Baumusterbescheinigung</a> | <br>EG-Konf. |

| Test Certificates                                    |                                               |                          | Shipping Approval                                                                        |                                                                                           |                                                                                            |
|------------------------------------------------------|-----------------------------------------------|--------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <a href="#">Typprüfbescheinigung/Werkzeugzeugnis</a> | <a href="#">spezielle Prüfbescheinigungen</a> | <a href="#">sonstige</a> | <br>DNV | <br>GL | <br>LRS |

| Shipping Approval                                                                         | other                                                           |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| <br>RMRS | <a href="#">Umweltbestätigung</a> <a href="#">Bestätigungen</a> |

#### Safety related data:

|                                                                    |                           |
|--------------------------------------------------------------------|---------------------------|
| Protection against electrical shock                                | finger-safe               |
| B10 value with high demand rate acc. to SN 31920                   | 400 000                   |
| • Note                                                             | With 0.3 x I <sub>e</sub> |
| 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=3TH2040-1AF0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH2040-1AF0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH2040-1AF0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TH2040-1AF0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH2040-1AF0&lang=en)

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