

MINIATURE POWER RELAY TAB CONNECTOR,  
4NO SNAP-ON MOUNTING ON STANDARD MOUNTING  
RAIL DC SOLENOID SYSTEM DC 12V



### General details:

|                                                                                                |    |             |
|------------------------------------------------------------------------------------------------|----|-------------|
| Size of the contactor                                                                          |    | 00          |
| Protection class IP / on the front                                                             |    | IP00        |
| Ambient temperature / during operating                                                         | °C | -25 ... +55 |
| Reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 |    | K           |
| Reference code / according to DIN EN 61346-2                                                   |    | Q           |
| Number of poles / for main current circuit                                                     |    | 4           |
| Operating current / at AC-1 / at 400 V<br>• at 40 °C ambient temperature / rated value         | A  | 16          |

### Main circuit:

|                                                                                                   |    |         |
|---------------------------------------------------------------------------------------------------|----|---------|
| Number of NC contacts / for main contacts                                                         |    | 0       |
| Number of NO contacts / for main contacts                                                         |    | 4       |
| Operating current / at AC-3 / at 400 V / rated value                                              | A  | 9       |
| Operating performance<br>• at AC-3 / at 400 V / rated value<br>• at AC-1 / at 400 V / rated value | kW | 4<br>10 |

### Control circuit:

|                                                   |  |              |
|---------------------------------------------------|--|--------------|
| Design of activation / of the operating mechanism |  | conventional |
|---------------------------------------------------|--|--------------|

|                                                                                                           |   |        |
|-----------------------------------------------------------------------------------------------------------|---|--------|
| <b>Voltage type / of control feed voltage</b>                                                             |   | DC     |
| <b>Control supply voltage</b><br>• for DC / rated value                                                   | V | 12     |
| <b>Number of NC contacts / for auxiliary contacts</b><br>• lagging switching<br>• instantaneous switching |   | 0<br>0 |
| <b>Number of NO contacts / for auxiliary contacts</b><br>• leading switching<br>• instantaneous switching |   | 0<br>0 |

#### Auxiliary circuit:

|                                                                                        |                      |
|----------------------------------------------------------------------------------------|----------------------|
| <b>Design of the electrical connection / for main current circuit</b>                  | tab terminals 6,3 mm |
| <b>Design of the electrical connection / for auxiliary and control current circuit</b> | tab terminals 6.3 mm |

#### Mechanical design:

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

#### Certificates/approvals:

##### General Product Approval



##### Test Certificates

[Special Test Certificate](#)

##### Shipping Approval



##### other

[Declaration of Conformity](#)

[Environmental Confirmations](#)

#### Further information:

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

##### Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

##### Cax online generator:

<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3TK2040-3BA4/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3TK2040-3BA4](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TK2040-3BA4)

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