

MINIATURE POWER RELAY SOLDER-PIN CONNECTION,  
2NO+2NC SCREW MOUNTING (DIAGONAL) AC  
OPERATION AC 24V 50/60HZ



### 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                                                         |    | 2       |
| Number of NO contacts / for main contacts                                                         |    | 2       |
| 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>         |    | AC |
| <b>Control supply voltage frequency</b>               |    |    |
| • 1 / rated value                                     | Hz | 50 |
| • 2 / rated value                                     | Hz | 60 |
| <b>Control supply voltage</b>                         |    |    |
| • at 50 Hz / at AC / rated value                      | V  | 24 |
| • at 60 Hz / at AC / rated value                      | V  | 24 |
| <b>Number of NC contacts / for auxiliary contacts</b> |    |    |
| • lagging switching                                   |    | 0  |
| • instantaneous switching                             |    | 0  |
| <b>Number of NO contacts / for auxiliary contacts</b> |    |    |
| • leading switching                                   |    | 0  |
| • instantaneous switching                             |    | 0  |

#### Auxiliary circuit:

|                                                                                        |  |                       |
|----------------------------------------------------------------------------------------|--|-----------------------|
| <b>Design of the electrical connection / for main current circuit</b>                  |  | solder pin connectors |
| <b>Design of the electrical connection / for auxiliary and control current circuit</b> |  | solder pin connectors |

#### Mechanical design:

|                                            |    |              |
|--------------------------------------------|----|--------------|
| <b>Mounting type</b>                       |    | screw fixing |
| <b>Mounting type / series installation</b> |    | Yes          |
| <b>Width</b>                               | mm | 45           |
| <b>Height</b>                              | mm | 36           |
| <b>Depth</b>                               | mm | 55.5         |

#### Certificates/approvals:

| General Product Approval                                                            |                                                                                     |                                                                                     | Test Certificates                                                                   |                                             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------|
|  |  |  |  | <a href="#">Special Test Certificate</a>    |
| CCC                                                                                 | CSA                                                                                 |                                                                                     | UR                                                                                  |                                             |
| Shipping Approval                                                                   |                                                                                     |                                                                                     | other                                                                               |                                             |
|  |  |  | <a href="#">Declaration of Conformity</a>                                           | <a href="#">Environmental Confirmations</a> |
| DNV                                                                                 | PRS                                                                                 | RMRS                                                                                |                                                                                     |                                             |

#### 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>

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

<http://support.automation.siemens.com/WW/view/en/3TK2022-6AC2/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3TK2022-6AC2](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TK2022-6AC2)

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**last change:**

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