

Miniature contactor Flat connector terminal, 3 NO + 1 NC screw mounting (diagonal) AC operation 120 V AC 60 Hz/100 V AC 50 Hz



Figure similar

General technical data:

| | |
|---|----------------|
| Size of contactor | 0 |
| Protection class IP on the front | IP00 |
| Ambient temperature during operation | -25 ... +55 °C |
| 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 | Q |
| Number of poles for main current circuit | 4 |
| Operating current at AC-1 at 400 V <ul style="list-style-type: none"> • at ambient temperature 40 °C rated value | 16 A |

Main circuit:




| | |
|--|---------------|
| Number of NC contacts for main contacts | 1 |
| Number of NO contacts for main contacts | 3 |
| Operating current at AC-3 at 400 V rated value | 9 A |
| Operating power <ul style="list-style-type: none"> • at AC-3 at 400 V rated value • at AC-1 at 400 V rated value | 4 kW 10 kW |


| Control circuit/ Control: | |
|--|--------------|
| Control version of the switch operating mechanism | conventional |
| 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 | 100 V |
| — at 60 Hz | |
| — rated value | 120 V |
| Number of NC contacts for auxiliary contacts | |
| • lagging switching | 0 |
| • instantaneous contact | 0 |
| Number of NO contacts for auxiliary contacts | |
| • leading contact | 0 |
| • instantaneous contact | 0 |

| Auxiliary circuit: | |
|--|----------------------|
| Number of NC contacts for auxiliary contacts | 0 |
| Type of electrical connection for main current circuit | tab terminals 6,3 mm |
| Type of electrical connection for auxiliary and control current circuit | tab terminals 6.3 mm |

| Mechanical data: | |
|--|--------------|
| Mounting type | screw fixing |
| Mounting type Side-by-side mounting | Yes |
| Width | 45 mm |
| Height | 36 mm |
| Depth | 60 mm |

Certificates/ approvals:

| | | | | |
|--|---|---|---|--|
| General Product Approval | | Declaration of Conformity | Test Certificates | Shipping Approval |
|  CCC |  UL |  |  EG-Konf. | Special Test Certificate  PRS |

| | | | |
|---|---|------------------------------|--|
| Shipping Approval | other | | |
|  RMRS | Environmental Confirmations | Confirmation | |

Further information

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

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

Industry Mall (Online ordering system)

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

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3TK2031-7AK1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2031-7AK1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3TK2031-7AK1&lang=en

last modified:

05/16/2018