



Figure similar

Miniature contactor, flat connector terminal 3 NO + 1 NC Snap-on mounting standard mounting rail 42 V AC 50/60 Hz AC operation !!! Phased-out product !!! Successor is SIRIUS 3RT23/25

product designation

product type designation

size of contactor

protection class IP on the front

reference code according to IEC 81346-2

Substance Prohibitance (Date)

ambient temperature during operation

number of poles for main current circuit

number of NO contacts for main contacts

number of NC contacts for main contacts

operational current

- at AC-1 at 400 V
 - at ambient temperature 40 °C rated value
- at AC-3 at 400 V rated value

operating power

- at AC-1 at 400 V rated value
- at AC-3 at 400 V rated value

type of voltage of the control supply voltage

control supply voltage at AC

- at 50 Hz rated value
- at 60 Hz rated value

control supply voltage frequency

- 1 rated value
- 2 rated value

control version of the switch operating mechanism

number of NC contacts for auxiliary contacts

- instantaneous contact
- lagging switching

number of NO contacts for auxiliary contacts

- instantaneous contact
- leading contact

fastening method

- side-by-side mounting

height

width

depth

type of electrical connection

- for main current circuit
- for auxiliary and control circuit

Miniature contactor

3TK20

0

IP00

Q

07/01/2006

-25 ... +55 °C

4

3

1

16 A

9 A

10 kW

4 kW

AC

42 V

42 V

50 Hz

60 Hz

conventional

0

0

0

0

0

screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022

Yes

48 mm

45 mm

64.5 mm

tab terminals 6,3 mm

tab terminals 6.3 mm

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TK2031-3AD2>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK2031-3AD2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2031-3AD2>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK2031-3AD2&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2031-3AD2/char>

Further characteristics (e.g. electrical endurance, switching frequency)

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TK2031-3AD2&objecttype=14&gridview=view1>

last modified:

11/21/2022 