

Miniature contactor, flat connector terminal 3 NO + 1 NC Snap-on mounting standard mounting rail 24 V AC 50/60 Hz AC operation !!!
 Phased-out product !!! Successor is SIRIUS 3RT23/25



Figure similar

Product designation	Miniature contactor
Product type designation	3TK20
Size of contactor	0
Protection class IP on the front	IP00
Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	K
Reference code acc. to DIN EN 81346-2	Q
Reference code acc. to DIN EN 61346-2	Q
Number of poles for main current circuit	4
Number of NO contacts for main contacts	3
Number of NC contacts for main contacts	1
Operating current	
<ul style="list-style-type: none"> • at AC-1 at 400 V <ul style="list-style-type: none"> — at ambient temperature 40 °C rated value • at AC-3 at 400 V rated value 	16 A 9 A
Operating power	
<ul style="list-style-type: none"> • at AC-1 at 400 V rated value • at AC-3 at 400 V rated value 	10 kW 4 kW

Type of voltage of the control supply voltage	AC
Control supply voltage at AC	
<ul style="list-style-type: none"> at 50 Hz rated value at 60 Hz rated value 	24 V 24 V
Control supply voltage frequency	
<ul style="list-style-type: none"> 1 rated value 2 rated value 	50 Hz 60 Hz
Control version of the switch operating mechanism	conventional
Number of NC contacts for auxiliary contacts	0
<ul style="list-style-type: none"> instantaneous contact lagging switching 	0 0
Number of NO contacts for auxiliary contacts	
<ul style="list-style-type: none"> instantaneous contact leading contact 	0 0
Mounting type	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
<ul style="list-style-type: none"> Side-by-side mounting 	Yes
Height	48 mm
Width	45 mm
Depth	64.5 mm
Type of electrical connection	
<ul style="list-style-type: none"> for main current circuit for auxiliary and control current circuit 	tab terminals 6,3 mm tab terminals 6.3 mm

Further information

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

www.siemens.com/sirius/catalogs

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TK2031-3AC2>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK2031-3AC2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2031-3AC2>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK2031-3AC2&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2031-3AC2/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TK2031-3AC2&objecttype=14&gridview=view1>

last modified:

09/12/2019