

Miniature contactor, Screw terminal, 3 NO + 1 NC Snap-on mounting standard mounting rail 230 V AC 50 Hz, 277 V 60 Hz AC operation !!!  
 Phased-out product !!! Successor is SIRIUS 3RT23/25



Figure similar

<b>Product designation</b>	Miniature contactor
<b>Product type designation</b>	3TK20
<b>Size of contactor</b>	0
Protection class IP on the front	IP20
<b>Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750</b>	K
<b>Reference code acc. to DIN EN 81346-2</b>	Q
<b>Reference code acc. to DIN EN 61346-2</b>	Q
<b>Number of poles for main current circuit</b>	4
<b>Number of NO contacts for main contacts</b>	3
<b>Number of NC contacts for main contacts</b>	1
<b>Operating current</b>	
<ul style="list-style-type: none"> <li>• at AC-1 at 400 V                             <ul style="list-style-type: none"> <li>— at ambient temperature 40 °C rated value</li> </ul> </li> <li>• at AC-3 at 400 V rated value</li> </ul>	16 A 9 A
<b>Operating power</b>	
<ul style="list-style-type: none"> <li>• at AC-1 at 400 V rated value</li> <li>• at AC-3 at 400 V rated value</li> </ul>	10 kW 4 kW

Type of voltage of the control supply voltage	AC
Control supply voltage at AC	
<ul style="list-style-type: none"> <li>at 50 Hz rated value</li> <li>at 60 Hz rated value</li> </ul>	230 V 277 V
Control supply voltage frequency	
<ul style="list-style-type: none"> <li>1 rated value</li> <li>2 rated value</li> </ul>	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"> <li>instantaneous contact</li> <li>lagging switching</li> </ul>	0 0
Number of NO contacts for auxiliary contacts	
<ul style="list-style-type: none"> <li>instantaneous contact</li> <li>leading contact</li> </ul>	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"> <li>Side-by-side mounting</li> </ul>	Yes
Height	48 mm
Width	45 mm
Depth	68 mm
Type of electrical connection	
<ul style="list-style-type: none"> <li>for main current circuit</li> <li>for auxiliary and control current circuit</li> </ul>	screw-type terminals screw-type terminals

#### Further information

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

[www.siemens.com/sirius/catalogs](http://www.siemens.com/sirius/catalogs)

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

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TK2031-0AP0>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK2031-0AP0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2031-0AP0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TK2031-0AP0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK2031-0AP0&lang=en)

##### Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2031-0AP0/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TK2031-0AP0&objecttype=14&gridview=view1>

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