

Miniature contactor, flat connector terminal 3 NO + 1 NC Screw mounting (diagonal) 110 V AC 50 Hz/132 V AC 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	IP00
<b>reference code acc. to DIN EN 81346-2</b>	Q
<ul style="list-style-type: none"> <li>• ambient temperature during operation</li> </ul>	-25 ... +55 °C
<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
<ul style="list-style-type: none"> <li>• Operating current at AC-1 at 400 V                             <ul style="list-style-type: none"> <li>— at ambient temperature 40 °C rated value</li> </ul> </li> <li>• operating current at AC-3 at 400 V rated value</li> <li>• Operating power at AC-1 at 400 V rated value</li> <li>• operating power at AC-3 at 400 V rated value</li> </ul>	16 A 9 A 10 kW 4 kW
<b>Type of voltage of the control supply voltage</b>	AC
<ul style="list-style-type: none"> <li>• Control supply voltage at AC at 50 Hz rated value</li> </ul>	110 V

<ul style="list-style-type: none"> <li>Control supply voltage at AC at 60 Hz rated value</li> </ul>	132 V
<b>control supply voltage frequency</b>	
<ul style="list-style-type: none"> <li>1 rated value</li> </ul>	50 Hz
<ul style="list-style-type: none"> <li>2 rated value</li> </ul>	60 Hz
<b>Control version of the switch operating mechanism</b>	conventional
<ul style="list-style-type: none"> <li>number of NC contacts for auxiliary contacts</li> </ul>	0
<ul style="list-style-type: none"> <li>Number of NC contacts for auxiliary contacts instantaneous contact</li> </ul>	0
<ul style="list-style-type: none"> <li>Number of NC contacts for auxiliary contacts lagging switching</li> </ul>	0
Number of NO contacts for auxiliary contacts	
<ul style="list-style-type: none"> <li>instantaneous contact</li> </ul>	0
<ul style="list-style-type: none"> <li>leading contact</li> </ul>	0
<b>mounting type</b>	screw fixing
<ul style="list-style-type: none"> <li>side-by-side mounting</li> </ul>	Yes
<b>height</b>	36 mm
<b>width</b>	45 mm
<b>depth</b>	60 mm
<b>type of electrical connection</b>	
<ul style="list-style-type: none"> <li>for main current circuit</li> </ul>	tab terminals 6,3 mm
<ul style="list-style-type: none"> <li>for auxiliary and control current circuit</li> </ul>	tab terminals 6.3 mm

#### Further information

##### 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=3TK2031-7AF0>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK2031-7AF0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2031-7AF0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TK2031-7AF0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK2031-7AF0&lang=en)

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2031-7AF0/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TK2031-7AF0&objecttype=14&gridview=view1>

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