

Miniature contactor, soldering pin connection, 2 NO + 2 NC Screw mounting (diagonal) 230 V AC 50 Hz, 277 V 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	2
Number of NC contacts for main contacts	2
Operating current <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
Operating power <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	
• at 50 Hz rated value	230 V
• at 60 Hz rated value	276 V
Control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
Control version of the switch operating mechanism	conventional
Number of NC contacts for auxiliary contacts	0
• instantaneous contact	0
• lagging switching	0
Number of NO contacts for auxiliary contacts	
• instantaneous contact	0
• leading contact	0
Mounting type	screw fixing
• Side-by-side mounting	Yes
Height	36 mm
Width	45 mm
Depth	55.5 mm
Type of electrical connection	
• for main current circuit	solder pin connectors
• for auxiliary and control current circuit	solder pin connectors

#### 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=3TK2022-6AP0>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK2022-6AP0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2022-6AP0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TK2022-6AP0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK2022-6AP0&lang=en)

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2022-6AP0/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TK2022-6AP0&objecttype=14&gridview=view1>

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