

Miniature contactor Flat connector terminal, 3 NO+1 NC Screw mounting (diagonal) AC operation 110 V AC 60 Hz !!! 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	
• at 50 Hz rated value	92 V
• at 60 Hz rated value	110 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	60 mm
Type of electrical connection	
• for main current circuit	tab terminals 6,3 mm
• for auxiliary and control current circuit	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=3TK2031-7AG1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK2031-7AG1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2031-7AG1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK2031-7AG1&lang=en

Characteristic: Tripping characteristics, I^t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2031-7AG1/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TK2031-7AG1&objecttype=14&gridview=view1>

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