

Miniature contactor, Flat connector terminal, 4 NO Screw mounting (diagonal) 230/220 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 EN 81346-2	Q
Ambient temperature	
• during operation	-25 ... +55 °C
Number of poles for main current circuit	4
Number of NO contacts for main contacts	4
Number of NC contacts for main contacts	0
Operating current	
• at AC-1 at 400 V	
— at ambient temperature 40 °C rated value	16 A
• at AC-3 at 400 V rated value	9 A
Operating power	
• at AC-1 at 400 V rated value	10 kW
• at AC-3 at 400 V rated value	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 	230 V 230 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 fixing
<ul style="list-style-type: none"> • Side-by-side mounting 	Yes
Height	36 mm
Width	45 mm
Depth	60 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,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TK2040-7AL2>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK2040-7AL2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2040-7AL2>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK2040-7AL2&lang=en

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2040-7AL2/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TK2040-7AL2&objecttype=14&gridview=view1>

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