

Miniature contactor, flat connector terminal 3 NO + 1 NC Screw mounting (diagonal) 24 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
<ul style="list-style-type: none"> • ambient temperature during operation 	-25 ... +55 °C
number of poles for main current circuit	4
Number of NO contacts for main contacts	3
Number of NC contacts for main contacts	1
<ul style="list-style-type: none"> • Operating current at AC-1 at 400 V <ul style="list-style-type: none"> — at ambient temperature 40 °C rated value • operating current at AC-3 at 400 V rated value • Operating power at AC-1 at 400 V rated value • operating power at AC-3 at 400 V rated value 	16 A 9 A 10 kW 4 kW
Type of voltage of the control supply voltage	AC
<ul style="list-style-type: none"> • Control supply voltage at AC at 50 Hz rated value 	24 V

<ul style="list-style-type: none"> Control supply voltage at AC at 60 Hz rated value 	24 V
control supply voltage frequency	
<ul style="list-style-type: none"> 1 rated value 	50 Hz
<ul style="list-style-type: none"> 2 rated value 	60 Hz
Control version of the switch operating mechanism	conventional
<ul style="list-style-type: none"> number of NC contacts for auxiliary contacts 	0
<ul style="list-style-type: none"> Number of NC contacts for auxiliary contacts instantaneous contact 	0
<ul style="list-style-type: none"> Number of NC contacts for auxiliary contacts lagging switching 	0
Number of NO contacts for auxiliary contacts	
<ul style="list-style-type: none"> instantaneous contact 	0
<ul style="list-style-type: none"> leading contact 	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 	tab terminals 6,3 mm
<ul style="list-style-type: none"> for auxiliary and control current circuit 	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=3TK2031-7AC2>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK2031-7AC2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2031-7AC2>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK2031-7AC2&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2031-7AC2/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TK2031-7AC2&objecttype=14&gridview=view1>

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