

Miniature contactor, Flat connector terminal, 4 NO Screw mounting (diagonal) 230 V AC 50 Hz, 277 V 60 Hz AC operation !!! Phased-out product !!! Successor is SIRIUS 3RT23/25



product designation	Miniature contactor
product type designation	3TK20
size of contactor	0
protection class IP on the front	IP00
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	07/01/2006
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
operational 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	
• at 50 Hz rated value	230 V
• at 60 Hz rated value	277 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
fastening method	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 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=3TK2040-7AP0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK2040-7AP0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2040-7AP0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK2040-7AP0&lang=en

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2040-7AP0/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TK2040-7AP0&objecttype=14&gridview=view1>

last modified:

12/23/2020 