

Miniature contactor, Soldering pin connection, 3 NO + 1 NC screw mounting (diagonal) 24 V DC DC operation



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 • at AC-1 at 400 V — at ambient temperature 40 °C rated value • at AC-3 at 400 V rated value	16 A 9 A
Operating power • 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	DC
Control supply voltage at DC	
• rated value	24 V
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,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TK2031-6BB4>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK2031-6BB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2031-6BB4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK2031-6BB4&lang=en

Characteristic: Tripping characteristics, I^2t , Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2031-6BB4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TK2031-6BB4&objecttype=14&gridview=view1>

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