

Contactor, AC-1, 4-pole, 800 A, main contacts 4 NO, Auxiliary contacts 2 NO + 2 NC, AC operation 110 V AC 50 Hz/120 V AC 60 Hz



Figure similar

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	4
Number of NC contacts for main contacts	0
<b>Operating current</b>	
<ul style="list-style-type: none"> <li>at AC-1 at 400 V                             <ul style="list-style-type: none"> <li>— at ambient temperature 40 °C rated value</li> </ul> </li> <li>at AC-3 at 400 V rated value</li> </ul>	800 A 550 A
<b>Operating power</b>	
<ul style="list-style-type: none"> <li>at AC-1 at 400 V rated value</li> <li>at AC-3 at 400 V rated value</li> </ul>	525 kW 280 kW
<b>Type of voltage of the control supply voltage</b>	AC
<b>Control supply voltage at AC</b>	
<ul style="list-style-type: none"> <li>at 50 Hz rated value</li> </ul>	110 V

<b>Control supply voltage frequency</b>	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
<b>Control version of the switch operating mechanism</b>	conventional
<b>Number of NC contacts for auxiliary contacts</b>	2
• instantaneous contact	2
• lagging switching	0
<b>Number of NO contacts for auxiliary contacts</b>	
• instantaneous contact	2
• leading contact	0
<b>Identification number and letter for switching elements</b>	22
<b>Mounting type</b>	screw fixing
• Side-by-side mounting	Yes
<b>Height</b>	272 mm
<b>Width</b>	266 mm
<b>Depth</b>	225.5 mm
<b>Type of electrical connection</b>	
• for main current circuit	screw-type terminals
• for auxiliary and control current circuit	screw-type terminals

#### Further information

##### Information- and Downloadcenter (Catalogs, Brochures,...)

[www.siemens.com/sirius/catalogs](http://www.siemens.com/sirius/catalogs)

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TK1542-0AF0>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK1542-0AF0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK1542-0AF0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TK1542-0AF0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK1542-0AF0&lang=en)

##### Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TK1542-0AF0/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TK1542-0AF0&objecttype=14&gridview=view1>

last modified:

09/12/2019