



AC-1 CONTACTOR, 4-POLE, 200 A,
 MAIN CONTACTS 4 NO,
 AUXILIARY CONTACTS 2NO+2NC,
 AC OPERATION AC 220...230V 50HZ

General details:		
Protection class IP / on the front		IP00
Ambient temperature / during operating	°C	-25 ... +55
Item designation / according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		K
Item designation / according to DIN EN 61346-2		Q
Number of poles / for main current circuit		4
Operating current / at AC-1 / at 400 V		
<ul style="list-style-type: none"> at 40 °C ambient temperature / rated value 	A	200
Main circuit:		
Number of NC contacts / for main contacts		0
Number of NO contacts / for main contacts		4
Operating current / at AC-3 / at 400 V / rated value	A	120
Service power		
<ul style="list-style-type: none"> at AC-3 / at 400 V / rated value 	kW	55
<ul style="list-style-type: none"> at AC-1 / at 400 V / rated value 	kW	130
Control circuit:		
Design of activation		conventional
Type of voltage / of the controlled supply voltage		AC

Control supply voltage frequency		
• 1 / rated value	Hz	50
• 2 / rated value	Hz	50
Control supply voltage / 1 / at 50 Hz / for AC		
• initial rated value	V	220
• final rated value	V	230
Number of NC contacts / for auxiliary contacts		
• lagging switching		0
• instantaneous switching		2
Number of NO contacts / for auxiliary contacts		
• leading switching		0
• instantaneous switching		2

Auxiliary circuit:

Design of the electrical connection / for main current circuit		screw-type terminals
Design of the electrical connection / for auxiliary and control current circuit		screw-type terminals
Identification number and letter for switching elements		22

Mechanical design:

Type of mounting		screw fixing
Type of fixing/fixation / series installation		Yes
Width	mm	186
Height	mm	156
Depth	mm	154.5

Certificates/approvals:

General Product Approval



CCC



CSA



GOST



UL

Test Certificates

[Special Test Certificate](#)

other

[Confirmation](#)

[Declaration of Conformity](#)

Further information:

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

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

Industry Mall (Online ordering system)

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

CAX-Online-Generator

<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WWW/view/en/3TK1042-0AP0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TK1042-0AP0

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