



AC-1 CONTACTOR, 4-POLE, 550 A,
 MAIN CONTACTS 4 NO,
 AUXILIARY CONTACTS 2NO+2NC,
 AC OPERATION AC 220...230V 50HZ/AC 240V 60HZ

General details:

Protection class IP / on the front		IP00
ambient temperature / during the operating phase	°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		
• at 40 °C ambient temperature / rated value	A	550

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	400
Service power		
• at AC-3 / at 400 V / rated value	kW	200
• at AC-1 / at 400 V / rated value	kW	360

Control circuit:

Design of activation of the operating mechanism		conventional
Type of voltage / of the controlled supply voltage		AC

Control supply voltage frequency		
• 1 / rated value	Hz	50
• 2 / rated value	Hz	60
Control supply voltage / 1 / at 50 Hz / for AC		
• initial rated value	V	220
• final rated value	V	230
Control supply voltage / 1 / at 60 Hz / for AC		
• rated value	V	240
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	266
Height	mm	272
Depth	mm	225.5

Certificates/approvals:

General Product Approval	Test Certificates	other
CQC 	ROSTEST	Manufacturer
	Manufacturer	Manufacturer

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/WW/view/en/3TK1442-0AP0/all>

last change:

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