SIEMENS

Product data sheet 3RT1026-3AG14

CONTACTOR 3-PH 11 KW/400 V, 110 V AC 60 HZ, 3-POLE, SIZE S0,

2NO +2NC, MAIN CUR.: SCREW CONNECTION,

MAIN CUR.: CAGE CLAMP

General technical data:		
product brand name		SIRIUS
Size of the contactor		S0
Protection class IP / on the front		IP20
Degree of pollution		3
Installation altitude / at a height over sea level / maximum	m	2,000
Ambient temperature / during operating	°C	-25 +60
Mechanical operating cycles as operating time		
of the contactor / typical		10,000,000
of the contactor with added auxiliary switch block / typical		10,000,000
 of the contactor with added electronics-compatible auxiliary switch block / typical 		5,000,000

Main circuit:		
Number of NC contacts / for main contacts		0
Number of NO contacts / for main contacts		3
Operating current		
• at AC-1 / at 400 V		
• at 40 °C ambient temperature / rated value	А	40
• at AC-3 / at 400 V / rated value	Α	25
• at AC-4 / at 400 V / rated value	Α	15.5
• with 1 current path / at DC-1		
• at 24 V / rated value	Α	35
• at 110 V / rated value	А	4.5
• with 2 current paths in series / at DC-1		
• at 24 V / rated value	Α	35
• at 110 V / rated value	А	35
• with 3 current paths in series / at DC-1		
• at 24 V / rated value	А	35
at 110 V / rated value	А	35
• with 1 current path / at DC-3 / at DC-5		
• at 24 V / rated value	Α	20

• at 110 V / rated value	Α	2.5
• with 2 current paths in series / at DC-3 / at DC-5		
• at 24 V / rated value	Α	35
• at 110 V / rated value	Α	15
• with 3 current paths in series / at DC-3 / at DC-5		
• at 24 V / rated value	Α	35
• at 110 V / rated value	Α	35
Service power		
• at AC-2 / at 400 V / rated value	kW	11
• at AC-3 / at 400 V / rated value	kW	11
• at AC-4 / at 400 V / rated value	W	7,500
Combrel singuity		

Control circuit:		
Voltage type / of control feed voltage		AC
Operating range factor control supply voltage rated value / of the magnet coil		
• at 60 Hz		
• for AC		0.8 1.1
Apparent pull-in power / of the solenoid / for AC	V-A	69
Apparent holding power / of the solenoid / for AC	V-A	7.5
Inductive power factor / with the pull-in power of the coil		0.76
Inductive power factor / with the pull-in power of the coil		0.28

Auxiliary circuit:		
Contact reliability / of the auxiliary contacts	1 faulty switchi	ng per 100 million (17 V, 1 mA)
Number of NC contacts / for auxiliary contacts / instantaneous switching	2	
Number of NO contacts / for auxiliary contacts / instantaneous switching	2	

Short-circuit:	
Design of the fuse link	
• for short-circuit protection of the auxiliary switch / required	fuse gL/gG: 10 A
for short-circuit protection of the main circuit	
 with type of assignment 1 / required 	fuse gL/gG: 100 A
 at type of coordination 2 / required 	fuse gL/gG: 35 A

Installation/mounting/dimensions:		
Mounting type		screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
series installation		Yes
Width	mm	45
Height	mm	85

Depth	mm	140
Distance, to be maintained, to earthed part / sidewards	mm	6

Connection type:		
Design of the electrical connection		
for main current circuit	screw-type terminals	
 for auxiliary and control current circuit 	Cage Clamp terminals	
Type of the connectable conductor cross-section		
• for main contacts		
• solid	2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm²	
• finely stranded		
 with conductor end processing 	2x (1 2.5 mm²), 2x (2.5 6 mm²)	
• for AWG conductors / for main contacts	2x (20 16), 2x (18 14), 1x 12	
for auxiliary contacts		
• solid	2x (0.25 2.5 mm²)	
• finely stranded		
 with conductor end processing 	2x (0.25 1.5 mm²)	
without conductor final cutting	2x (0.25 2.5 mm²)	
• for AWG conductors / for auxiliary contacts	2x (24 14)	

Certificates/approvals:

General Product Approval

Functional Safety / Safety of Machinery **Declaration of Conformity**







Type Examination



Test Certificates

Special Test Certificate

Type Test
Certificates/Test
Report

Shipping Approval













other

Confirmation

other

Environmental Confirmations

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:

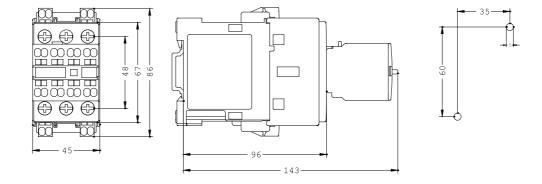
http://www.siemens.com/cax

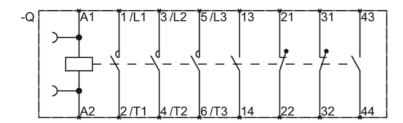
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3RT1026-3AG14/all

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

 $\underline{http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RT1026-3AG14}$





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