3MT7095-4AA11-0AP0

Data sheet



3P Power Contactor AC3:95A 1NO+1NC AC230V 50Hz Main circuit: Screw Auxiliary circuit: Screw

product brand name	SINOVA	
product designation	Power contactor	
General technical data		
size of contactor	4	
product extension auxiliary switch	Yes	
power loss [W] for rated value of the current at AC in hot operating state	40.96875 W	
• per pole	13.65625 W	
insulation voltage		
 of main circuit with degree of pollution 3 rated value 	1 000 V	
of auxiliary circuit with degree of pollution 3 rated value	1 000 V	
surge voltage resistance		
of main circuit rated value	8 kV	
of auxiliary circuit rated value	6 kV	
protection class IP		
• on the front	IP20	
mechanical service life (operating cycles)		
of contactor typical	3 000 000	
reference code according to IEC 81346-2	Q	
Substance Prohibitance (Date)	07/01/2022	
Weight	1.32 kg	
Ambient conditions		
installation altitude at height above sea level maximum	2 000 m	
ambient temperature		
during operation	-5 +55 °C	
during storage	-25 +70 °C	
relative humidity minimum	10 %	
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %	
Main circuit		
number of poles for main current circuit	3	
number of NO contacts for main contacts	3	
operating voltage at AC-3 rated value maximum	690 V	
operational current		
 at AC-1 at 400 V at ambient temperature 40 °C rated value 	125 A	
• at AC-1 up to 690 V		
 at ambient temperature 40 °C rated value 	125 A	
 at ambient temperature 60 °C rated value 	93 A	
• at AC-3		
— at 400 V rated value	95 A	

— at 690 V rated value	47 A
operating power	
• at AC-3	
— at 400 V rated value	45 kW
— at 690 V rated value	45 kW
no-load switching frequency	
• at AC	1 200 1/h
operating frequency	
• at AC-1 maximum	600 1/h
at AC-3 maximum	400 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	AC
control supply voltage at AC	
at 50 Hz rated value	230 V
operating range factor control supply voltage rated value of magnet coil at AC	
• at 50 Hz	0.85 1.1
apparent pick-up power of magnet coil at AC	0.00 1.1
• at 50 Hz	230 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.75
apparent holding power of magnet coil at AC	
• at 50 Hz	40 VA
inductive power factor with the holding power of the coil	
• at 50 Hz	0.3
• at 60 Hz	0.3
closing delay at AC	17 38 ms
opening delay at AC	5 23 ms
Auxiliary circuit	
number of NC contacts for auxiliary contacts	
• instantaneous contact	1
number of NO contacts for auxiliary contacts	
number of NO contacts for auxiliary contacts • instantaneous contact	1
• instantaneous contact	1 10 A
instantaneous contact operational current at AC-12 maximum	
instantaneous contact operational current at AC-12 maximum operational current at AC-15	10 A
instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value	10 A 6 A
instantaneous contact operational current at AC-12 maximum operational current at AC-15 at 230 V rated value at 400 V rated value	10 A 6 A 3 A
instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value	10 A 6 A 3 A 2 A
instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 500 V rated value • at 690 V rated value	10 A 6 A 3 A 2 A
instantaneous contact operational current at AC-12 maximum operational current at AC-15 at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12	10 A 6 A 3 A 2 A 1 A
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instantaneous contact operational current at AC-12 maximum operational current at AC-15 at 230 V rated value at 400 V rated value at 690 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 110 V rated value at 220 V rated value operational current at DC-13 at 24 V rated value operational current at DC-13 at 24 V rated value at 110 V rated value at 110 V rated value operational current or DC-13 at 24 V rated value at 600 V rated value operational current or DC-13 at 24 V rated value at 720 V rated value at 720 V rated value at 600 V rated value operational current or DC-13 at 720 V rated value operational current or DC-12 at 720 V rated value at 720 V rated value at 720 V rated value operational current or DC-12 at 720 V rated value at 720 V rated value operational current or DC-12 at 720 V rated value at 720 V rated value operational current or DC-12 at 720 V rated value at 720 V rated value operational current or DC-12 at 720 V rated value operational current or DC-12 at 720 V rated value operational current or DC-12 at 720 V rated value operational current or DC-12 operational current or DC-13 operational current or DC-13 operational current or DC-13 operational current or DC-13 op	10 A 6 A 3 A 2 A 1 A 6 A 3 A 1 A 6 A 1 A 0.3 A 0.1 A fuse gG: 160 A fuse gG: 125 A fuse gG: 10 A 22.5° inclination forward and backward & 360° rotation, in relation to normal vertical mounting plane screw and snap-on mounting onto 35 mm or 75 mm standard mounting rail
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Connections/ Terminals	
type of electrical connection	
 for main current circuit 	screw-type terminals
 for auxiliary and control circuit 	screw-type terminals
type of connectable conductor cross-sections for main contacts	
 solid or stranded 	1x (4 50 mm²), 2x (4 35 mm²)
 finely stranded with core end processing 	1x (4 50 mm²), 2x (4 16 mm²)
type of connectable conductor cross-sections	
 for auxiliary contacts 	
— solid or stranded	1x (1 4 mm²), 2x (1 4 mm²)
 finely stranded with core end processing 	1x (1 2.5 mm²), 2x (1 1.5 mm²)
tightening torque	
 for main contacts with screw-type terminals 	9 N·m
 for auxiliary contacts with screw-type terminals 	1.2 N·m
design of the thread of the connection screw	
• for main contacts	M10
 of the auxiliary and control contacts 	M3.5
Approvals Certificates	
Concret Dreduct An	

General Product Ap-**Test Certificates** other **Environment** proval



Type Test Certificates/Test Report

Confirmation

Environmental Confirmations

Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information for data generation and storage

https://support.industry.siemens.com/cs/ww/en/view/109995012

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3MT7095-4AA11-0AP0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3MT7095-4AA11-0AP0

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

https://support.industry.siemens.com/cs/ww/en/ps/3MT7095-4AA11-0AP0

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

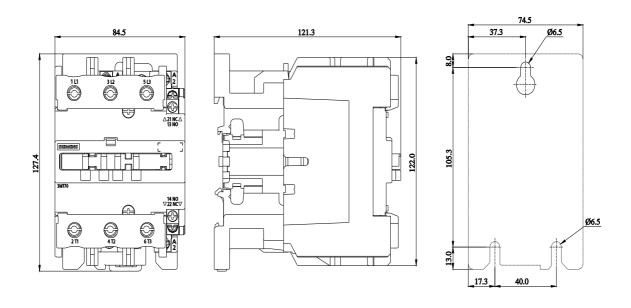
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3MT7095-4AA11-0AP0&lang=en

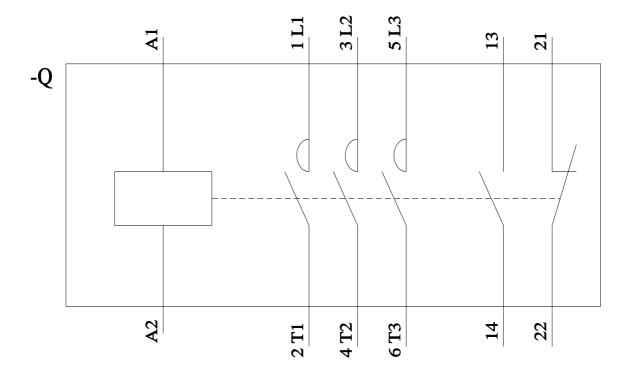
Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3MT7095-4AA11-0AP0/char

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

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