SIEMENS

Data sheet

US2:17CUC92XF10



STARTER, FVNR, S0, SSOLR, 120VAC, DI STARTER, FVNR, S0, SSOLR, 120VAC, DI

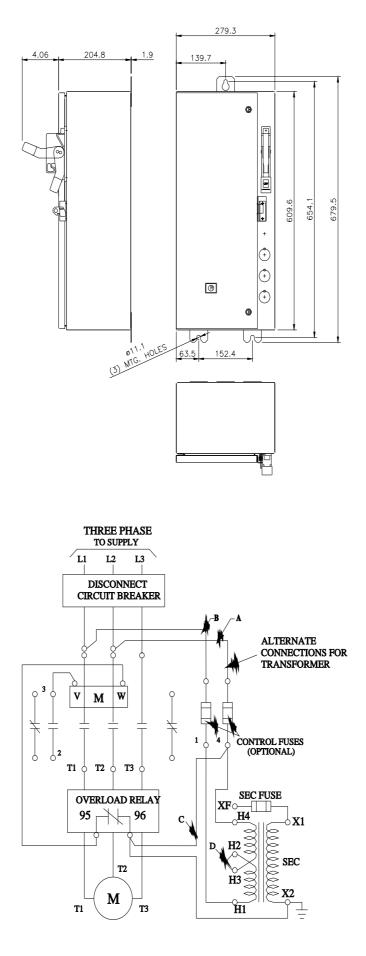
Figuresimilar

product brand name	Class 17
design of the product	Non-reversing motor starter with fusible disconnect
special product feature	ESP200 overload relay
General technical data	
weight [lb]	34 lb
Height x Width x Depth [in]	24 × 11 × 8 in
touch protection against electrical shock	NA for enclosed products
installation altitude [ft] at height above sea level maximum	6560 ft
ambient temperature [°F]	
 during storage 	-22 +149 °F
during operation	-4 +104 °F
ambient temperature	
 during storage 	-30 +65 °C
during operation	-20 +40 °C
country of origin	USA
Horsepower ratings	
yielded mechanical performance [hp] for 3-phase AC motor	
• at 200/208 V rated value	2 hp
• at 220/230 V rated value	2 hp
 at 460/480 V rated value 	0 hp
• at 575/600 V rated value	0 hp
Contactor	
size of contactor	NEMA controller size 0
number of NO contacts for main contacts	3
operating voltage for main current circuit at AC at 60 Hz maximum	600 V
operational current at AC at 600 V rated value	18 A
mechanical service life (switching cycles) of the main contacts typical	1000000
Auxiliary contact	
number of NC contacts at contactor for auxiliary contacts	0
number of NO contacts at contactor for auxiliary contacts	1
number of total auxiliary contacts maximum	8
contact rating of auxiliary contacts of contactor according to UL	10A@600VAC (A600), 5A@600VDC (P600)
Coil	
type of voltage of the control supply voltage	AC
control supply voltage	

• at AC at 50 Hz rady value 120 V holding power at AC minimum 86 W apparent plok-up power of magnet coil at AC 28 VA apparent plok-up power of magnet coil at AC 28 VA operating range factor control supply valtage rated value 0.85 1.1 of magnet coil 0.85 1.1 operating range factor control supply valtage rated value 0.8 1.1 operating range factor control supply valtage rated value 0.9 24 ms OPF-delay time 10 24 ms OVerload rating Ves opprand fault detection Yes • apprant feed Yes • apprant feed Yes vest rate accuracy Yes • apprant feed Yes • apprante feed<		440.14
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tightening torque [lbf·in] for supply35 35 lbf·intype of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded1x (14 2 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf·in] for load-side outgoing feeder20 20 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-1x (14 2 AWG)	fastening method	Surface mounting and installation
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded1x (14 2 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feeder tightening torque [lbf·in] for load-side outgoing feederScrew-type terminalstype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-1x (14 2 AWG)	type of electrical connection for supply voltage line-side	Box lug
at AWG cables single or multi-stranded75 °Ctemperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf·in] for load-side outgoing feeder20 20 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-1x (14 2 AWG)	tightening torque [lbf·in] for supply	35 35 lbf in
permissible AL or CU material of the conductor for supply AL or CU type of electrical connection for load-side outgoing feeder Screw-type terminals tightening torque [lbf·in] for load-side outgoing feeder 20 20 lbf·in type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- 1x (14 2 AWG)		1x (14 2 AWG)
type of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf·in] for load-side outgoing feeder20 20 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-1x (14 2 AWG)	temperature of the conductor for supply maximum	75 °C
type of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf·in] for load-side outgoing feeder20 20 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-1x (14 2 AWG)	material of the conductor for supply	AL or CU
tightening torque [lbf·in] for load-side outgoing feeder20 20 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-1x (14 2 AWG)		Screw-type terminals
type of connectable conductor cross-sections at AWG 1x (14 2 AWG) cables for load-side outgoing feeder single or multi-		
	type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded	
temperature of the conductor for load-side outgoing feeder 75 °C maximum permissible		75 °C

	-	
material of the conductor for load-side outgoing feeder	AL or CU	
type of electrical connection of magnet coil	Screw-type terminals	
tightening torque [lbf·in] at magnet coil	5 12 lbf·in	
type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded	2x (16 12 AWG)	
temperature of the conductor at magnet coil maximum permissible	75 °C	
material of the conductor at magnet coil	CU	
type of electrical connection for auxiliary contacts	Screw-type terminals	
tightening torque [lbf·in] at contactor for auxiliary contacts	10 15 lbf·in	
type of connectable conductor cross-sections at contactor at AWG cables for auxiliary contacts single or multi- stranded	1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)	
temperature of the conductor at contactor for auxiliary contacts maximum permissible	75 °C	
material of the conductor at contactor for auxiliary contacts	CU	
type of electrical connection at overload relay for auxiliary contacts	Screw-type terminals	
tightening torque [lbf·in] at overload relay for auxiliary contacts	7 10 lbf·in	
type of connectable conductor cross-sections at overload relay at AWG cables for auxiliary contacts single or multi- stranded	2x (20 14 AWG)	
temperature of the conductor at overload relay for auxiliary contacts maximum permissible	75 °C	
material of the conductor at overload relay for auxiliary contacts	CU	
Short-circuit current rating		
design of the fuse link for short-circuit protection of the main circuit required	10kA@600V (Class H or K); 100kA@600V (Class R or J)	
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No.14	
Further information		
Industrial Controls - Product Overview (Catalogs, Brochures,) www.usa.siemens.com/iccatalog Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:17CUC92XF10		
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/US/en/ps/US2:17CUC92XF10		
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