SIEMENS

Data sheet

US2:17FUF92WF13



Non-reversing motor starter, Size 2, Three phase full voltage, Solid-state overload relay, OLR amp range 13-52A, 110V 50Hz / 120V 60Hz coil, Combination type, 60A fusible disconnect, 60A/600V fuse clip, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive, Standard width enclosure

F	igure	sim	ilar

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]	36 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	0 hp		
• at 220/230 V rated value	0 hp		
• at 460/480 V rated value	25 hp		
• at 575/600 V rated value	25 hp		
Contactor			
size of contactor	NEMA controller size 2		
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	45 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	7		
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 rated value 110 V • at AC at 50 Hz rated value 120 V holding power at AC minimum 8.8 W apparent holding power of magnet coil at AC 25 VA operating range factor control supply voltage rated value of magnet col 0.8 S 1.1 of moder control supply voltage rated value of magnet col 50 % ON-delay time 19 29 ms OFF-delay time 10 24 ms Overload rotation Yes • phase failure dotactcion Yes • adynamicity detection Yes • adjustable current response value current of the current- dependent overload protection Yes • est function Yes reset function Yes • adjustable current response value current of the current- dependent overload release 13	at A(: at 50) Hz rated value	440.14		
holding power at AC minimum 8.6 W apparent hok-up power of magnet coil at AC 218 VA apparent holding power of magnet coil at AC 25 VA operating range factor control supply voltage rated value 0.85 1.1 of magnet coil 50 % percent holding power of magnet coil related to the input voltage 50 % ON-delay time 19 29 ms OFF-delay time 10 24 ms Vorticad relay Yes product function Yes • overload protection Yes • asymmetry detection Yes • overload function Yes • otent fault detection Yes • external reset Yes • external reset Yes reset function Manual, automatic and remote trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overload relayes product feature protective coating on printed-circuit board Yes relative repeat accuracy 1 % product feature protective coating on printed-circuit board 1 relay 1 AC at 600 V 1 A		110 V		
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• overload protection Yes • phase failure detection Yes • asymmetry detection Yes • ground fault detection Yes • ground fault detection Yes • test function Yes • external reset Yes reset function Manual, automatic and remote trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- 13 52 A dependent overload release 13 52 A tripping time at phase-loss maximum 3 s relative repeat accuracy 1 % product feature protective coating on printed-circuit board 1 number of NC contacts of auxiliary contacts of overload 1 relay 1 1 operational current of auxiliary contacts of overload relay 5 A • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay 5A according to UL insulation voltage (Ui) • with milti-phase operation at AC rated value 600 V • blaconact Switch Class R fuse clips operating class of the fuse link Class R </td <td>Overload relay</td> <td></td>	Overload relay			
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response value of switch disconnector 60A / 600V design of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosure degree of protection NEMA rating design of the housing 4X, 304 stainless steel design of the housing dustproof, waterproof & resistant to corrosion Mounting/wiring vertical fastening method Surface mounting and installation	Disconnect Switch			
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Mounting/wiring mounting position fastening method Surface mounting and installation				
mounting position vertical fastening method Surface mounting and installation	0			
fastening method Surface mounting and installation				
type of electrical connection for supply voltage line-side Box lug	fastening method	Surface mounting and installation		
	type of electrical connection for supply voltage line-side	Box lug		
tightening torque [lbf·in] for supply 35 35 lbf·in	tightening torque [lbf·in] for supply	35 35 lbf·in		
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded 1x (14 2 AWG)		1x (14 2 AWG)		
temperature of the conductor for supply maximum 75 °C permissible		75 °C		
material of the conductor for supply AL or CU	material of the conductor for supply	AL or CU		
type of electrical connection for load-side outgoing feeder Box lug		Box lug		
tightening torque [lbf·in] for load-side outgoing feeder 45 45 lbf·in				
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded	type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-			
temperature of the conductor for load-side outgoing feeder 75 °C maximum permissible		75 °C		

AL or CU				
Screw-type terminals				
5 12 lbf·in				
2x (16 12 AWG)				
75 °C				
CU				
Screw-type terminals				
10 15 lbf·in				
1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)				
75 °C				
CU				
Screw-type terminals				
7 10 lbf·in				
2x (20 14 AWG)				
75 °C				
CU				
Short-circuit current rating				
10kA@600V (Class H or K); 100kA@600V (Class R or J)				
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) <u>https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:17FUF92WF13</u> Service&Support (Manuals, Certificates, Characteristics, FAQs,)				
https://support.industry.siemens.com/cs/US/en/ps/US2:17FUF92WF13 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,)				
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17FUF92WF13⟨=en Certificates/approvals				
https://support.industry.siemens.com/cs/US/en/ps/US2:17FUF92WF13/certificate				

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