SIEMENS

Data sheet

US2:17DUA92BF10



Non-reversing motor starter, Size 1, Three phase full voltage, Solid-state overload relay, OLR amp range 0.25-1A, 110V 50Hz / 120V 60Hz coil, Combination type, 30A fusible disconnect, 30A/250V fuse clip, Enclosure NEMA type 1, Indoor general purpose use, Standard width enclosure

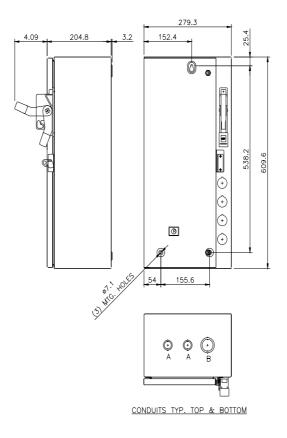
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product brand name	Class 17	
design of the product	Non-reversing motor starter with fusible disconnect	
special product feature	ESP200 overload relay	
General technical data		
weight [lb]	34 lb	
Height x Width x Depth [in]	24 × 11 × 8 in	
touch protection 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 	0.17 hp	
 at 220/230 V rated value 	0.17 hp	
 at 460/480 V rated value 	0 hp	
 at 575/600 V rated value 	0 hp	
Contactor		
size of contactor	NEMA controller size 1	
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	27 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		

• et AC at 60 Hz rade value 120 V holding power of magnet coil at AC 28 6 W apparent plock-up power of magnet coil at AC 28 VA apparent plock-up power of magnet coil at AC 28 VA operating range factor control supply voltage rated value 0.85 1.1 of magnet coil 0.95 1.1 of magnet coil 0.9 29 ms OFF-delay time 19 29 ms OVerload coll at Coint of the power of magnet coil related to the input voltage of magnet coil 9 29 ms Overload coll at Coll at Coint of the power of magnet coil related to the input voltage of magnet coil related to the input voltage of magnet coil 9 29 ms Overload coll but detection Yes Yes • approver in a read Yes Yes • acternal resel Yes Yes reset function Manual, automatic and remote Yes Product feature protection Yes Yes relater repeat accuracy 1 % Yes relater input voltage of auxiliary contacts of overload 1 relater input voltage index contacts of overload relay 1 relater input of auxiliary contacts of overload r		440.1/
holding power at AC minimum 8.6 W apparent holding power of magnet coll at AC 28 VA apparent holding power of magnet coll at AC 28 VA operating range factor control supply voltage rated value 0.85 1.1 of magnet coll 0.85 1.1 of college interval 0.9 20 ms Overload protoction Yes e asymmetry detection Yes e asymmetry detection Yes e asymmetry detection Yes e acternal reset Yes e acternal reset Yes e acternal reset Yes e acternal 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 double accuracy 1% product function Yes reset function Yes reset function Yes adjustable current response value current of the current double accuracy 1% preduct function Yes reset	at AC at 50 Hz rated value	110 V
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	Overload relay	
	product function	
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	 phase failure detection 	Yes
	 asymmetry detection 	Yes
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response value of switch disconnector 30A / 250V design of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosure	 with multi-phase operation at AC rated value 	300 V
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type of connectable conductor cross-sections at AWG 2x (14 10 AWG)		
type of connectable conductor cross-sections at AWG 2x (14 10 AWG)		
stranded	cables for load-side outgoing feeder single or multi-	2x (14 10 AWG)
temperature of the conductor for load-side outgoing feeder maximum permissible 75 °C		75 °C

	-		
material of the conductor for load-side outgoing feeder	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, Brochu	ures,)		
www.usa.siemens.com/iccatalog			
Industry Mall (Online ordering system)			
https://mall.industry.siemens.com/mall/en/us/Catalog/product			
Service&Support (Manuals, Certificates, Characteristics, https://support.industry.siemens.com/cs/US/en/ps/US2:17DU			
	is, 3D models, device circuit diagrams, EPLAN macros,)		
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlf			

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17DUA92BF10&lang=en Certificates/approvals https://support.industry.siemens.com/cs/US/en/ps/US2:17DUA92BF10/certificate



	LETTER	CONDUIT SIZE
l	A	ø12.7 & ø19 CONDUIT
l	В	ø25.4 & ø31.8 CONDUIT

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