SIEMENS

Data sheet

US2:17DUA82WH11



Non-reversing motor starter, Size 1, Three phase full voltage, Solid-state overload relay, OLR amp range 0.25-1A, Combination type, 30A fusible disconnect, 30A/600V fuse clip, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive, Extra-wide 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]	48 lb
Height x Width x Depth [in]	24 × 20 × 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 	0.33 hp
 at 575/600 V rated value 	0.5 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 50 Hz rated value 380440 V • et AC at 60 Hz rated value 440480 V holding power of magnet coil at AC 25 VA operating range factor control supply voltage rated value 0.85 1.1 of magnet coil 25 VA operating range factor control supply voltage rated value 0.85 1.1 of magnet coil 50 % ON-delay time 19 29 ms OVerload relay 765-delay time product function Yes • overload protection Yes • overload fault detection Yes • external reset Yes reset function Yes • external reset Yes reset function Yes thip class CLASS 57 10 / 20 (factory set) / 30 adjustable current response value current of the current- 0.25 1 A dependent overload relase Yes tripping time at phase-loss maximum 3 s relative repost accuracy Yes product feature protective coating on printed-circuit board 1 number of NC contacts of auxiliary contacts of overload re	
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operating class of the fuse link Class R Enclosure 4X, 304 stainless steel	
Enclosure degree of protection NEMA rating 4X, 304 stainless steel	
degree of protection NEMA rating 4X, 304 stainless steel	
design of the housing dustproof, waterproof & resistant to corrosion	
Mounting/wiring	
mounting position vertical	
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	
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded 1x (14 2 AWG)	
temperature of the conductor for supply maximum 75 °C permissible	
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 24 lbf·in	
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded 2x (14 10 AWG)	
temperature of the conductor for load-side outgoing feeder 75 °C maximum permissible	

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, Brochures,) www.usa.siemens.com/iccatalog Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:17DUA82WH11		
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/US/en/ps/US2:17DUA82WH11		
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17DUA82WH11⟨=en Certificates/approvals		
https://support.industry.siemens.com/cs/US/en/ps/US2:17DUA82WH11/certificate		

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