SIEMENS

Data sheet

US2:17DUC92WH11



Non-reversing motor starter, Size 1, Three phase full voltage, Solid-state overload relay, OLR amp range 3-12A, Combination type, 30A fusible disconnect, 30A/600V fuse clip, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive, 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 hp
 at 220/230 V rated value 	0 hp
 at 460/480 V rated value 	5 hp
 at 575/600 V rated value 	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	

• at AC at 50 Hz rate value 440 _ 480 V holding power of AC minimum 66 W apparent block up power of magnet coil at AC 28 VA apparent block up power of magnet coil at AC 28 VA operating rates factor control supply valage rated value 0.85 _ 1.1 of magnet coil 0.95 _ 1.1 OR-daisy time 19 20 ms OR-daisy time 10 24 ms Overload atay 786 product function Yes • operating rates of the rates of magnet coil at AC 28 VA asymmetry detection Yes • operating production Yes • flapholds 0		200 440 1/
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tightening torque [lbf·in] for load-side outgoing feeder35 35 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded1x (14 2 AWG)	material of the conductor for supply	AL or CU
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded 1x (14 2 AWG)	type of electrical connection for load-side outgoing feeder	Screw-type terminals
cables for load-side outgoing feeder single or multi- stranded	tightening torque [lbf-in] for load-side outgoing feeder	35 35 lbf·in
temperature of the conductor for load-side outgoing feeder 75 °C	cables for load-side outgoing feeder single or multi- stranded	1x (14 2 AWG)
maximum permissible	temperature of the conductor for load-side outgoing feeder 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=US2:17DUC92WH11				
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https://support.industry.siemens.com/cs/US/en/ps/US2:17DUC92WH11/certificate				

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