SIEMENS

Data sheet

US2:14JUH32HC



Non-reversing motor starter, Size 4, Three phase full voltage, Solid-state overload relay, OLR amp range 50-200A, Non-combination type, Enclosure type 7/9/3/4, Hazardous locations, Standard width enclosure

Figure similar	
product brand name	Class 14
design of the product	Full-voltage non-reversing motor starter
special product feature	ESP200 overload relay; Dual voltage coil
General technical data	
weight [lb]	145 lb
Height x Width x Depth [in]	28.69 × 17.75 × 11.75 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	40 hp
• at 220/230 V rated value	50 hp
• at 460/480 V rated value	100 hp
• at 575/600 V rated value	100 hp
Contactor	
size of contactor	NEMA controller size 4
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	135 A
mechanical service life (operating cycles) of the main contacts typical	500000
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 60 Hz rated value	220 480 V
holding power at AC minimum	22 W
apparent pick-up power of magnet coil at AC	510 VA



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material of the conductor for supply CU type of electrical connection for load-side outgoing feeder Box lug tightening torque [lbf-in] for load-side outgoing feeder 200 200 lbf-in type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded 1x(6 AWG - 250 MCM)
type of electrical connection for load-side outgoing feederBox lugtightening torque [lbf-in] for load-side outgoing feeder200 200 lbf-intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded1x(6 AWG - 250 MCM)
type of electrical connection for load-side outgoing feederBox lugtightening torque [lbf·in] for load-side outgoing feeder200 200 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded1x(6 AWG - 250 MCM)
tightening torque [lbf-in] for load-side outgoing feeder 200 200 lbf-in type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded 1x(6 AWG - 250 MCM)
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded 1x(6 AWG - 250 MCM)
temperature of the conductor for load-side outgoing feeder 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 2 x (16 - 12 AWG)
temperature of the conductor at magnet coil maximum 75 °C 75°C
temperature of the conductor at magnet coil maximum 75 °C
temperature of the conductor at magnet coil maximum 75 °C
temperature of the conductor at magnet coil maximum 75 °C permissible CU
temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUtype of electrical connection for auxiliary contactsscrew-type terminals

maximum permissible	
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	2 x (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	none
design of the short-circuit trip	none
maximum short-circuit current breaking capacity (Icu)	
• at 240 V	0 kA
• at 480 V	0 kA
• at 600 V	0 kA
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No.14

Industrial Controls - Product Overview (Catalogs, Brochures,...)

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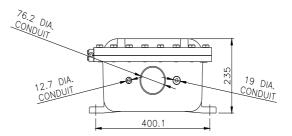
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:14JUH32HC

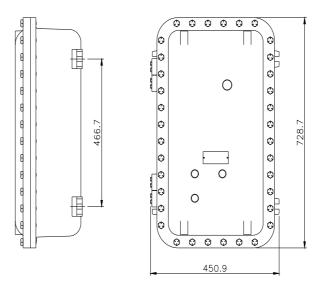
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11/29/2021 🖸