## **SIEMENS**

Data sheet US2:14DUD32AH



Non-reversing motor starter Size 1 Three phase full voltage Solid-state overload relay OLRelay amp range 5.5-22A 380-440/440-480V 50/60HZ coil Combination type No enclosure

Figure similar

design of the product seature ESP200 overload relay   General technical data  weight [lb] 3 lb  Height x Width x Depth [in] 7.44 × 5.75 × 3.75 in  Not finger-safe  Installation altitude [ft] at height above sea level maximum ambient temperature [Ft]  olding storage 2.2 +149 "F  olding storage -20 +46 °C  outry of origin Mexico  Horspower ratings   yielded mechanical performance [hp] for 3-phase AC  motor  old x 480/880 V rated value 3 hp  old x 4480/880 V rated value 10 hp  old x 575/600 V rated value 10 hp  operating voltage for main current circuit at AC at 60 Hz  maximum operating overating service iffe (switching cycles) of the main contacts service life (switching cycles) of the main contacts stypical  number of NC contacts at contactor for auxiliary contacts number of total auxiliary contacts of contactor for auxiliary contacts number of total auxiliary contacts of contactor for old supply voltage  type of voltage of the control supply voltage  opto voltage of the control supply voltage  AC  control supply voltage	product brand name	Class 14
Weight [b] 3 lb Height x Width x Depth [in] 7.44 x 5.75 x 3.75 in touch protection against electrical shock Not finger-safe installation altitude [ft] at height above sea level maximum ambient temperature ["Ft] 4 uring storage 22 +149 "F 4 during storage -22 +149 "F 4 during storage -22 +149 "F 4 during storage -30 +65 "C 4 during storage -30 +65 "C 4 during operation -20 +40 "C country of origin Mexico  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 3 hp at 220/230 V rated value 10 hp at 575/600 V rated value 10 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 operational current at AC at 600 V rated value 27 A mechanical service life (switching cycles) of the main contacts 10 to 10 mumber of NO contacts at contactor for auxiliary contacts 11 number of NO contacts at contactor for auxiliary contacts 11 number of NO contacts at contactor for auxiliary contacts 11 number of NO contacts at contactor for auxiliary contacts 11 number of NO contacts at contactor for auxiliary contacts 11 number of NO contacts at contactor for auxiliary contacts 11 number of NO contacts at contactor for auxiliary contacts 11 number of NO contacts at contactor for auxiliary contacts 11 number of NO contacts at contactor for auxiliary contacts 11 number of NO contacts at contactor for auxiliary contacts 11 number of NO contacts at contactor for auxiliary contacts 11 number of NO contacts at contactor for auxiliary contacts 11 number of NO contacts at contactor for auxiliary contacts 11 number of NO contacts at contactor for auxiliary contacts 11 number of NO contacts at contactor for auxiliary contacts 11 number of NO contacts at contactor for auxiliary contacts 11 number of NO contacts 12 number of NO contacts 12 number of NO contacts 13 number of NO contacts 14 number o	design of the product	Full-voltage non-reversing motor starter
Height x Width x Depth [in]   7.44 × 5.75 × 3.75 in     Houch protection against electrical shock   Not finger-safe     installation altitude [it] at height above sea level maximum     ambient temperature [it]   • 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   Mexico     Horsepower ratings     yielded mechanical performance [hp] for 3-phase AC motor     • at 220/228 V rated value   3 hp     • at 220/228 V rated value   3 hp     • at 460/480 V rated value   10 hp     • at 575/600 V rated value   10 hp     • at 575/600 V rated value   10 hp     operating voltage for main current circuit at AC at 60 Hz maximum     operational current at AC at 600 V rated value   27 A     mechanical service life (switching cycles) of the main contacts at contactor for auxiliary contacts     number of NC contacts at contactor for auxiliary contacts     number of NC contacts at contactor for auxiliary contacts     number of NC contacts at contactor for auxiliary contacts     number of NC contacts at contactor for auxiliary contacts     number of NC contacts at contactor for auxiliary contacts     number of NC contacts at contactor for auxiliary contacts     number of NC contacts at contactor for auxiliary contacts     number of NC contacts at contactor for auxiliary contacts     number of NC contacts at contactor for auxiliary contacts     number of NC contacts at contactor for auxiliary contacts     number of NC contacts at contactor for auxiliary contacts     number of NC contacts at contactor for auxiliary contacts     number of NC contacts at contactor for auxiliary contacts     number of NC contacts at contactor for auxiliary contacts     number of NC contacts at contactor for auxiliary contacts     number of NC contacts at contactor for auxiliary contacts     number of NC contacts at contactor for auxiliary contacts     10A@600VAC (A600), 5A@600VDC (P600)	special product feature	ESP200 overload relay
Height x Width x Depth [in]  touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature [°F]  • during storage • during operation -20 +65 °C • during operation -20 +40 °C  country of origin  Mexico  Mexico  Mexico  Mexico  Mexico   ### A 200/208 V rated value • at 220/230 V rated value • at 220/230 V rated value • at 450/480 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value  Tourber of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  AC	General technical data	
installation altitude [It] at height above sea level maximum ambient temperature ["F]  • during storage • during storage • during operation ambient temperature • during storage • during operation ambient temperature • during storage • during operation - 20 +40 "C  country of origin  Mexico  Mexico  Mexico  Mexico  Mexico  Mexico   **Total Country of origin  **Total	weight [lb]	3 lb
installation altitude [ft] at height above sea level maximum ambient temperature [*F]  • during storage • during operation • during storage • during operation • during storage • during operation • 20 +40 °C  country of origin  Mexico  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 4575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value  Size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  nonlacts typical  Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number	Height x Width x Depth [in]	7.44 × 5.75 × 3.75 in
ambient temperature [*F]  • during storage • during operation  ambient temperature  • during storage • during operation  • during storage • during operation  • during storage • during operation  Country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value  To hp  Contactor  size of contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  To have a forestant or the following contacts typical  Auxiliary contact number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of voltage of the control supply voltage  ACC	touch protection against electrical shock	Not finger-safe
<ul> <li>during storage</li> <li>during operation</li> <li>during operation</li> <li>during storage</li> <li>during operation</li> <li>during operation</li> <li>20 +65 °C</li> <li>during operation</li> <li>20 +40 °C</li> </ul> Country of origin Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor <ul> <li>at 200/208 V rated value</li> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>at 575/600 V rated value</li> <li>by e at 575/600 V rated value</li> <li>fontactor</li> </ul> Size of contactor <ul> <li>size of contacts for main contacts</li> <li>operating voltage for main current circuit at AC at 60 Hz maximum</li> <li>operating voltage for main current circuit at AC at 60 Hz maximum</li> <li>operatincal service life (switching cycles) of the main contacts typical</li> </ul> Auxiliary contact <ul> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of total auxiliary contacts maximum</li> <li>contact rating of auxiliary contacts of contactor according to UL</li> </ul> Coil type of voltage of the control supply voltage AC	installation altitude [ft] at height above sea level maximum	6560 ft
during operation     ambient temperature     during operation     during operation     during operation     during operation     country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor     at 200/208 V rated value     at 200/208 V rated value     at 460/480 V rated value     at 4575/600 V rated value     at 575/600 V rated value     isize of contactor  size of contactor  number of NO contacts for main current circuit at AC at 60 Hz maximum  operating voltage for main current circuit at AC at 60 Hz mechanical service life (switching cycles) of the main contacts typical  Auxiliary contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  AC	ambient temperature [°F]	
ambient temperature  • during storage  • during operation  country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • at 220/230 V rated value  • at 460/480 V rated value  • at 575/600 V rated value  10 hp  • at 575/600 V rated value  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  10A@600VAC (A600), 5A@600VDC (P600)  type of voltage of the control supply voltage  AC	<ul> <li>during storage</li> </ul>	-22 +149 °F
• during storage     • during operation     20 +40 °C     country of origin     Mexico  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor      • at 200/208 V rated value     • at 220/230 V rated value     • at 4575/600 V rated value     • at 575/600 V rated value     10 hp  Contactor  size of contactor  number of NO contacts for main contacts     operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  poperational current at AC at 600 V rated value  are contacts typical  Auxiliary contact  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor of the main contacts typical  Auxiliary contact  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  8  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  AC	during operation	-4 +104 °F
oduring operation     country of origin     Mexico  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor     o at 200/208 V rated value	ambient temperature	
country of origin Mexico  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value 3 hp • at 220/230 V rated value 10 hp • at 575/600 V rated value 10 hp  Contactor  size of contactor NEMA controller size 1 number of NO contacts for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 27 A mechanical service life (switching cycles) of the main contacts typical  Auxillary contact number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage AC	<ul> <li>during storage</li> </ul>	-30 +65 °C
yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value  10 hp  Contactor  size of contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  27 A mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  AC	during operation	-20 +40 °C
yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value • 10 hp  Contactor  size of contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  perational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of total auxiliary contacts at contactor for auxiliary contacts number of total auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  AC	country of origin	Mexico
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<ul> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>10 hp</li> <li>at 575/600 V rated value</li> <li>5ize of contactor</li> <li>number of NO contacts for main contacts</li> <li>operating voltage for main current circuit at AC at 60 Hz maximum</li> <li>operational current at AC at 600 V rated value</li> <li>operational current elife (switching cycles) of the main contacts typical</li> <li>Auxiliary contact</li> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of total auxiliary contacts maximum</li> <li>contact rating of auxiliary contacts of contactor according to UL</li> <li>Coil</li> <li>type of voltage of the control supply voltage</li> <li>AC</li> </ul>		
at 460/480 V rated value  at 575/600 V rated value  10 hp  Contactor  size of contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  operational service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  10 hp  10 NEMA controller size 1  3  600 V  1000000  1000000  10000000  10000000  1000000	• at 200/208 V rated value	3 hp
other interval and the state of the control supply voltage      other interval and the state of the control supply voltage      other interval and the state of the control supply voltage      other interval and the state of the control supply voltage      other interval and the state of the state of the control supply voltage      other interval and the state of	• at 220/230 V rated value	3 hp
Size of contactor  Size of contactor  NEMA controller size 1  Size of contacts for main contacts  Size of contacts for main contacts  Size of contacts for main contacts  Size of contacts at Contact at AC at 600 V rated value  Size of contact service life (switching cycles) of the main contacts typical  Auxiliary contact  NEMA controller size 1  Size of cont V  MEMA controller size 1  Size of contacts at Contacts at Contact value  27 A  100000000  100000000  10000000000000	• at 460/480 V rated value	10 hp
size of contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  NEMA controller size 1  3  00  1000 V  10000000  27 A  100000000  100000000  100000000  1000000	<ul><li>at 575/600 V rated value</li></ul>	10 hp
number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  operational service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  3  600 V  600 V  600 V  100000000  100000000  100000000  1000000	Contactor	
operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  600 V  600 V	size of contactor	NEMA controller size 1
maximum operational current at AC at 600 V rated value mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of total auxiliary contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil type of voltage of the control supply voltage  27 A  100000000  100000000  100000000  1000000	number of NO contacts for main contacts	3
mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  10000000  10000000  100000000  1000000		600 V
contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  AC	operational current at AC at 600 V rated value	27 A
number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  O  10A@600VAC (A600), 5A@600VDC (P600)	· · · · · · · · · · · · · · · · · · ·	10000000
number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  1  1  1  1  1  1  1  1  1  1  1  1  1	Auxiliary contact	
number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  8  10A@600VAC (A600), 5A@600VDC (P600)  10A@600VAC (A600), 5A@600VDC (P600)	number of NC contacts at contactor for auxiliary contacts	0
contact rating of auxiliary contacts of contactor according to UL  10A@600VAC (A600), 5A@600VDC (P600)  to UL  Coil  type of voltage of the control supply voltage  AC	number of NO contacts at contactor for auxiliary contacts	1
to UL  Coil type of voltage of the control supply voltage  AC	number of total auxiliary contacts maximum	8
type of voltage of the control supply voltage AC		10A@600VAC (A600), 5A@600VDC (P600)
37	Coil	
control supply voltage	type of voltage of the control supply voltage	AC
	control supply voltage	

at AC at 50 Hz rated value	380 440 V
at AC at 60 Hz rated value	440 480 V
holding power at AC minimum	8.6 W
apparent pick-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 of magnet coil	0.85 1.1
percental drop-out voltage of magnet coil related to the input voltage	50 %
ON-delay time	19 29 ms
OFF-delay time	10 24 ms
Overload relay	
product function	
<ul> <li>overload protection</li> </ul>	Yes
phase failure detection	Yes
<ul> <li>asymmetry detection</li> </ul>	Yes
<ul> <li>ground fault detection</li> </ul>	Yes
• test function	Yes
external reset	No
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 release	5.5 22 A
tripping time at phase-loss maximum	3 s
relative repeat accuracy	1 %
product feature protective coating on printed-circuit board	Yes
number of NC contacts of auxiliary contacts of overload relay	1
number of NO contacts of auxiliary contacts of overload relay	1
operational current of auxiliary contacts of overload relay	
● at AC at 600 V	5 A
• at DC at 250 V	1 A
contact rating of auxiliary contacts of overload relay according to UL	5A@600VAC (B600), 1A@250VDC (R300)
insulation voltage (Ui)	
<ul> <li>with single-phase operation at AC rated value</li> </ul>	600 V
with multi-phase operation at AC rated value	300 V
Enclosure	
degree of protection NEMA rating	Open device (no enclosure)
design of the housing	NA
Mounting/wiring	
mounting position	Vertical
fastening method	Surface mounting and installation
type of electrical connection for supply voltage line-side	Screw-type terminals
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 permissible	75 °C
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	35 35 lbf-in
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded	1x(14 - 2 AWG)
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	2 x (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	1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (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	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	10kA@600V (Class H or K); 100kA@600V (Class R or J)
design of the short-circuit trip	Thermal magnetic circuit breaker
breaking capacity maximum short-circuit current (Icu)	
• at 240 V	14 kA
• at 480 V	10 kA
• at 600 V	10 kA
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)

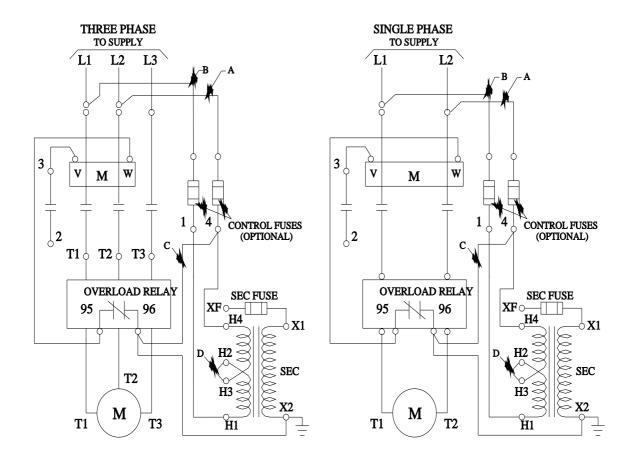
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:14DUD32AH

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:14DUD32AH

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:14DUD32AH&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:14DUD32AH&lang=en</a>

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:14DUD32AH/certificate



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