## **SIEMENS**

Data sheet US2:18DUB92WG



Non-reversing motor starter, Size 1, Three phase full voltage, Solid-state overload relay, OLR amp range 0.75-3.4A, Combination type, 3A circuit breaker, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive, Standard width enclosure

Figure similar

design of the product special product feature  ESP200 overload relay  EGP200 overload relax	product brand name	Class 18 & 26
Height x Width x Depth [in] 24 × 11 × 8 in touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature ["F]   • during storage	design of the product	Full-voltage non-reversing motor starter with motor circuit protector
Height x Wildth x Depth [in]  touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature ["F]  • during storage • during operation • during storage • during operation • during operation • during operation • at 200/208 V rated value • at 2200/230 V rated value • at 2200/230 V rated value • at 460/480 V rated value • at 675/600 V rated value  • at 675/600 V ra	special product feature	ESP200 overload relay
touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature [°F] • during storage • during operation  **A +104 °F  **ambient temperature • during storage • during operation  **Broad operation  **A +40 °C  **Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 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  **Inp  **Size of contactor  size of contactor  size of contactor 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 current at AC at 600 V rated valu	General technical data	
Installation altitude [ft] at height above sea level maximum ambient temperature [*F]  • during storage • during operation ambient temperature • during operation • during operation • during operation • during operation • 20 +65 °C • during operation • 20 +40 °C  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 • at 575/600 V rated value  Inp  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  are contacts stryical  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 contacts of contactors number of NO contacts at contacts of contacts of contact rating of auxiliary contacts maximum contact rating of auxiliary contacts maximum econtact rating of auxiliary contacts of contactor according to UL  Coil type of voltage of the control supply voltage • at AC at 50 Hz rated value  190 220 V	Height x Width x Depth [in]	24 × 11 × 8 in
ambient temperature ["F]  • during storage  • during operation  ambient temperature  • during storage  • during operation  • during storage  • during operation  -20 +40 °C   Horsopower ratings  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • at 220/230 V rated value  • at 220/230 V rated value  • at 460/480 V rated value  • at 575/600 V rated value  1 hp  Contactor  size of contactor  number of NO contacts for main contacts  aperating 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  rechanical service life (switching cycles) of the main contacts typical  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 contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  • at AC at 50 Hz rated value  190 220 V	touch protection against electrical shock	NA for enclosed products
<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>during operation</li> <li>-30 +65 °C</li> <li>during operation</li> <li>-20 +40 °C</li> </ul> Horsepower ratings yielded mechanical performance [hp] for 3-phase AC molor <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>thp</li> </ul> Entactor <ul> <li>size 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>prechanical service life (switching cycles) of the main contacts typical</li> </ul> Member of NO contacts at contactor for auxiliary contacts <ul> <li>number of NC 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 a contactor according to UL</li> </ul> Coil <ul> <li>type of voltage of the control supply voltage</li> <li>at AC at 50 Hz rated value</li> <li>190 220 V</li> </ul>	installation altitude [ft] at height above sea level maximum	6560 ft
during operation     ambient temperature     during storage     during operation     during operation     during operation     during operation      during operation	ambient temperature [°F]	
ambient temperature  • during storage • during storage • during storage • during storage  • during storage  • during storage  • during storage  • during storage  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 • 1 hp  • at 575/600 V rated value 1 hp  Contactor  size of contactor 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 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 • at AC at 50 Hz rated value 190 220 V	during storage	-22 +149 °F
during storage     during operation  -20 +65 °C -20 +40 °C  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  Inp  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  The 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 total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  • at AC at 50 Hz rated value  190 220 V	during operation	-4 +104 °F
during operation     during operation     during syleided 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     1 hp     at 575/600 V rated value     1 hp  Contactor  number of NC 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     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 maximum     service life (switching cycles) of the main contacts tating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage     at AC at 50 Hz rated value     190 220 V	ambient temperature	
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  I hp  • at 575/600 V rated value  Inumber of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz main 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  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 • at AC at 50 Hz rated value  10.5 hp  0.5 hp	during storage	-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 • at 575/600 V rated value  1 hp  • at 575/600 V rated value  1 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 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  type of voltage of the control supply voltage • at AC at 50 Hz rated value  0.5 hp 0.5 hp 0.5 hp 0.6 hp 0.6 hp 0.6 hp 0.7	<ul> <li>during operation</li> </ul>	-20 +40 °C
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  1 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 total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  • at AC at 50 Hz rated value  0.5 hp 0	Horsepower ratings	
at 200/208 V rated value at 220/230 V rated value but 220/230 V rated value at 460/480 V rated value at 575/600 V rated value but 575/600 V rated value  Thip  Contactor  size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz main contacts ypical mechanical service life (switching cycles) of the main contacts ypical  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 total auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage at AC at 50 Hz rated value  0.5 hp 0.5		
at 220/230 V rated value at 460/480 V rated value thp at 575/600 V rated value thp  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 maximum contact rating of auxiliary contacts of contactor according to UL  Coil type of voltage of the control supply voltage at AC at 50 Hz rated value  1 hp 1 hp 1 hp  1 hp  6 on V  8 of 00 V  1 0000000  2 7 A  1 0000000  1 0000000  1 0000000  1 0000000  1 0000000  2 7 A  1 00000000  1 0000000  2 7 A  1 00000000  2 7 A  1 00000000  3 0000000  4 00000000  4 0000000000		0.5 hp
at 460/480 V rated value  1 hp  at 575/600 V rated value  1 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  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 maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  at AC at 50 Hz rated value  1 hp  1 h		·
• at 575/600 V rated value  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 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 o at AC at 50 Hz rated value  1 hp  NEMA controller size 1  3 600 V  100000000  27 A  100000000  100000000  10000000000000		·
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 current elife (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  • at AC at 50 Hz rated value  NEMA controller size 1  NEMA controller size 1  3  0 0 1000000  27 A 10000000  10000000  10000000  100000000		·
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  • at AC at 50 Hz rated value  NEMA controller size 1  3  600 V  10000000  10000000  100000000  1000000		1 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 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  • at AC at 50 Hz rated value  27 A  10000000  20 Contacts of contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum 8 10A@600VAC (A600), 5A@600VDC (P600)  AC  control supply voltage  • at AC at 50 Hz rated value  190 220 V		
operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  properational 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  at AC at 50 Hz rated value  600 V  60		
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 NC 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  • at AC at 50 Hz rated value  27 A 100000000 100000000 10000000000000000	number of NO contacts for main contacts	
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  at AC at 50 Hz rated value  10000000  10000000  100000000  1000000		600 V
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  • at AC at 50 Hz rated value  Ocontacts at contactor for auxiliary contacts  1  10A@600VAC (A600), 5A@600VDC (P600)  AC  control supply voltage  • at AC at 50 Hz rated value  190 220 V	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 at AC at 50 Hz rated value  ontacts at contactor for auxiliary contacts  1  10A@600VAC (A600), 5A@600VDC (P600)  AC  AC  190 220 V		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  o at AC at 50 Hz rated value  10A@600VAC (A600), 5A@600VDC (P600)  AC  10A@600VAC (A600), 5A@600VDC (P600)  10A@600VAC (A600), 5A@600VDC (P600)  10A@600VAC (A600), 5A@600VDC (P600)	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  o at AC at 50 Hz rated value  8  10A@600VAC (A600), 5A@600VDC (P600)  AC  AC  190 220 V	number of NC contacts at contactor for auxiliary contacts	0
contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  ontrol supply voltage  ontrol supply voltage  ontrol supply voltage  10A@600VAC (A600), 5A@600VDC (P600)  AC  control supply voltage  ontrol supply voltage  190 220 V	number of NO contacts at contactor for auxiliary contacts	1
to UL  Coil  type of voltage of the control supply voltage AC  control supply voltage  • at AC at 50 Hz rated value 190 220 V	number of total auxiliary contacts maximum	8
type of voltage of the control supply voltage  control supply voltage  at AC at 50 Hz rated value  AC  190 220 V		10A@600VAC (A600), 5A@600VDC (P600)
control supply voltage  ● at AC at 50 Hz rated value 190 220 V	Coil	
control supply voltage  ● at AC at 50 Hz rated value 190 220 V	type of voltage of the control supply voltage	AC
• at AC at 60 Hz rated value 220 240 V	at AC at 50 Hz rated value	190 220 V
LEU LTU V	• at AC at 60 Hz rated value	220 240 V

holding power at AC minimum	8.6 W
	218 VA
apparent pick-up power of magnet coil at AC 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	
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	0.75 3.4 A
make time with automatic start after power failure maximum	3 s
relative repeat accuracy	1 %
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
<ul> <li>with multi-phase operation at AC rated value</li> </ul>	300 V
Enclosure	
degree of protection NEMA rating	4X, 304 stainless steel
0 1	
design of the housing	dustproof, waterproof & resistant to corrosion
	dustproof, waterproof & resistant to corrosion
design of the housing	dustproof, waterproof & resistant to corrosion  Motor circuit protector (magnetic trip only)
design of the housing Circuit Breaker	
design of the housing  Circuit Breaker  type of the motor protection	Motor circuit protector (magnetic trip only)
design of the housing  Circuit Breaker  type of the motor protection  operational current of motor circuit breaker rated value adjustable current response value current of	Motor circuit protector (magnetic trip only) 3 A
design of the housing  Circuit Breaker  type of the motor protection  operational current of motor circuit breaker rated value  adjustable current response value current of instantaneous short-circuit trip unit	Motor circuit protector (magnetic trip only) 3 A
design of the housing  Circuit Breaker  type of the motor protection operational current of motor circuit breaker rated value adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring	Motor circuit protector (magnetic trip only) 3 A 10 35 A
design of the housing  Circuit Breaker  type of the motor protection  operational current of motor circuit breaker rated value adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring mounting position	Motor circuit protector (magnetic trip only) 3 A 10 35 A  Vertical
design of the housing  Circuit Breaker  type of the motor protection operational current of motor circuit breaker rated value adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring mounting position fastening method	Motor circuit protector (magnetic trip only) 3 A 10 35 A  Vertical Surface mounting and installation
design of the housing  Circuit Breaker  type of the motor protection operational current of motor circuit breaker rated value adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side	Motor circuit protector (magnetic trip only) 3 A 10 35 A  Vertical Surface mounting and installation Box lug
design of the housing  Circuit Breaker  type of the motor protection operational current of motor circuit breaker rated value adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum	Motor circuit protector (magnetic trip only) 3 A 10 35 A  Vertical Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG)
design of the housing  Circuit Breaker  type of the motor protection operational current of motor circuit breaker rated value adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible	Motor circuit protector (magnetic trip only) 3 A 10 35 A  Vertical Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG)  75 °C
design of the housing  Circuit Breaker  type of the motor protection operational current of motor circuit breaker rated value adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder	Motor circuit protector (magnetic trip only)  3 A  10 35 A  Vertical Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG)  75 °C  AL or CU Screw-type terminals 20 24 lbf·in
design of the housing  Circuit Breaker  type of the motor protection operational current of motor circuit breaker rated value adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder	Motor circuit protector (magnetic trip only)  3 A  10 35 A  Vertical Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG)  75 °C  AL or CU Screw-type terminals
design of the housing  Circuit Breaker  type of the motor protection  operational current of motor circuit breaker rated value adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring  mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-	Motor circuit protector (magnetic trip only)  3 A  10 35 A  Vertical Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG)  75 °C  AL or CU Screw-type terminals 20 24 lbf·in 2x (14 10 AWG)
design of the housing  Circuit Breaker  type of the motor protection operational current of motor circuit breaker rated value adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder stranded temperature of the conductor for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded temperature of the conductor for load-side outgoing feeder	Motor circuit protector (magnetic trip only)  3 A  10 35 A  Vertical Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG)  75 °C  AL or CU Screw-type terminals 20 24 lbf·in 2x (14 10 AWG)
design of the housing  Circuit Breaker  type of the motor protection operational current of motor circuit breaker rated value adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil	Motor circuit protector (magnetic trip only)  3 A  10 35 A  Vertical Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG)  75 °C  AL or CU Screw-type terminals 20 24 lbf-in 2x (14 10 AWG)  75 °C  CU Screw-type terminals
design of the housing  Circuit Breaker  type of the motor protection operational current of motor circuit breaker rated value adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil	Motor circuit protector (magnetic trip only)  3 A  10 35 A  Vertical Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG)  75 °C  AL or CU Screw-type terminals 20 24 lbf-in 2x (14 10 AWG)  75 °C  CU Screw-type terminals 5 12 lbf-in
design of the housing  Circuit Breaker  type of the motor protection operational current of motor circuit breaker rated value adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil	Motor circuit protector (magnetic trip only) 3 A 10 35 A  Vertical Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG)  75 °C  AL or CU Screw-type terminals 20 24 lbf-in 2x (14 10 AWG)  75 °C  CU Screw-type terminals 5 12 lbf-in 2x (16 12 AWG)
design of the housing  Circuit Breaker  type of the motor protection  operational current of motor circuit breaker rated value  adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring  mounting position  fastening method  type of electrical connection for supply voltage line-side  type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  material of the conductor for load-side outgoing feeder  tightening torque [lbf-in] for load-side outgoing feeder  type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded  temperature of the conductor for load-side outgoing feeder maximum permissible  material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet	Motor circuit protector (magnetic trip only)  3 A  10 35 A  Vertical Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG)  75 °C  AL or CU Screw-type terminals 20 24 lbf-in 2x (14 10 AWG)  75 °C  CU Screw-type terminals 5 12 lbf-in
type of the motor protection operational current of motor circuit breaker rated value adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum	Motor circuit protector (magnetic trip only) 3 A 10 35 A  Vertical Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG)  75 °C  AL or CU Screw-type terminals 20 24 lbf-in 2x (14 10 AWG)  75 °C  CU Screw-type terminals 5 12 lbf-in 2x (16 12 AWG)
design of the housing  Circuit Breaker  type of the motor protection  operational current of motor circuit breaker rated value  adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring  mounting position  fastening method  type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  material of the conductor for supply  type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder stranded  temperature of the conductor for load-side outgoing feeder maximum permissible  material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil  type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible	Motor circuit protector (magnetic trip only) 3 A 10 35 A  Vertical Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG)  75 °C  AL or CU Screw-type terminals 20 24 lbf-in 2x (14 10 AWG)  75 °C  CU Screw-type terminals 5 12 lbf-in 2x (16 12 AWG)  75 °C

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 short-circuit trip	Instantaneous trip circuit breaker
breaking capacity maximum short-circuit current (Icu)	
• at 240 V	100 kA
• at 480 V	100 kA
• at 600 V	25 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=US2:18DUB92WG

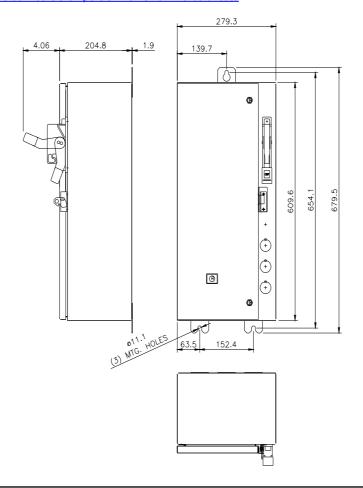
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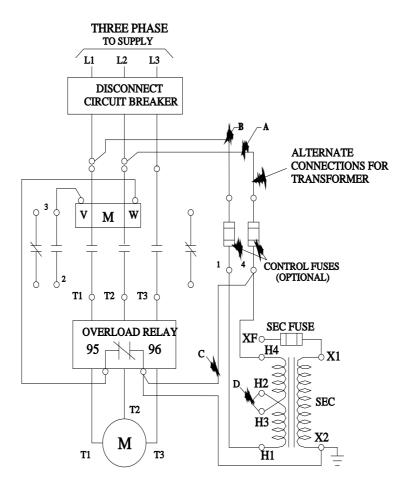
https://support.industry.siemens.com/cs/US/en/ps/US2:18DUB92WG

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=US2:18DUB92WG&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:18DUB92WG&lang=en</a>

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:18DUB92WG/certificate





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