## **SIEMENS**

Data sheet US2:18EUE92NH



Non-reversing motor starter Size 1 3/4 Three phase full voltage Solid-state overload relay OLRelay amp range 10-40a 380-440/440-480V 50/60HZ coil Combination type 40AMP circuit breaker Enclosure NEMA type 4/12 Water/dust tight for outdoors Standard width enclosure

product brand name	Class 18 & 26
design of the product	Full-voltage non-reversing motor starter with motor circuit protector
special product feature	ESP200 overload relay; Half-size controller
General technical data	20. 200 010.1000 1000, 110.11 0120 00.110.101
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
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	15 hp
• at 575/600 V rated value	15 hp
Contactor	
size of contactor	Controller half size 1 3/4
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	40 A
mechanical service life (operating cycles) of the main contacts typical	10000000
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	
<ul> <li>at AC at 50 Hz rated value</li> </ul>	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	0.85 1.1

precental drop-out voltage of magnet coil related to the input voltage  OH-delay time  OFF-delay time  OFF-delay time  Overload protection  • overload protection  • phase failure detection  • phase failure detection  • asymmetry detection  • asymmetry detection  • external reset  reset function  • external response value current of the current- dependent overload relases  make time with automatic start after power failure maximum  relative repeat accuracy  1 1%  reproduct feature protective coating on printed-circuit board  rumber of NC contacts of auxiliary contacts of overload relay  • at AC at 500 V  • at DC at 250 V  • with single-phase operation at AC rated value  • with multi-phase operation at AC rated	percental drop-out voltage of magnet coil related to the input voltage  ON-delay time  OFF-delay time	50 %
voltage  OR-delay time  OF-delay time  OF-delay time  OF-delay time  Overload relay  product function  • overload protection  • ground fault detection  • ground fault detection  • external reset  Yes  • external reset  Yes  creset function  trip class  disubstile current response value current of the current- dependent overload release  make time with automatic start after power failure maximum  relative repeat accuracy  10 40 A  dependent overload release  make time with automatic start after power failure maximum  relative repeat accuracy  1 ½  product feature protective coating on printed-circuit board  Yes  number of NC contacts of auxiliary contacts of overload relay  • at AC at 600 V  • at DC at 280 V  • at C at 280 V  contact rating of auxiliary contacts of overload relay  • with single-phase operation at AC rated value  • with multi-base operation at	voltage ON-delay time OFF-delay time	OU 70
ON-delay time 19 29 ms OFF-delay time 10 24 ms  Overload relay  product function	ON-delay time OFF-delay time	
OPF-delay time 10 24 ms  Overload relay product function  • overload protection Yes • phase failure detection Yes • ground fault detection Yes • external reset Yes  reset function Yes • external reset Yes  reset function Manual, automatic and remote  tirp class  CLASS 5 / 10 / 20 (factory set) / 30  adjustable current response value current of the current- dependent overload release  make time with automatic start after power failure 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 NC contacts of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 2 • at AC at 600 V • at DC at 250 V • with multi-phase operation at AC rated value • with multi-phase operation of the nousing  circuit preactor (magnetic trip only)  operational current of motor circuit breaker rate	OFF-delay time	19 29 ms
product function  • overload protection • saymmetry detection • asymmetry detection • ground fault detection • test function • test function • external reset • Yes • attention  tirip class  CLASS 5 / 10 / 20 (factory set) / 30  adjustable current response value current of the current- dependent overload release  make time with automatic start after power failure maximum relative repeat accuracy  make time with automatic start after power failure maximum relative repeat accuracy  10 40 A  dependent overload release  make time with automatic start after power failure maximum 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 NC contacts of auxiliary contacts of overload relay  1 at AC at 600 V  2 at DC at 250 V  3 at DC at 250 V  5 A  3 at DC at 250 V  5 A  5 A  600 V  4 with single-phase operation at AC rated value  4 over the motor protection  with multi-phase operation at AC rated value  4 over the motor protection  operational current of motor circuit breaker rated value  4 of A  adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring  mounting position fastening method  first (In AWG 1/10 AWG)  AL or CU  type of electrical connection for supply waterpressible fremetarial of the conductor for supply maximum permissible fremetarial of the conductor for load-side outgoing feeder  Screw-type terminals		
product function  • overload protection  • phase failure detection  • product fault detection  • ground fault detection  • ground fault detection  • ground fault detection  • external reset  reset function  Manual, automatic and remote  CLASS 5 / 10 / 20 (factory set) / 30  adjustable current response value current of the current- dependent overload release  make time with automatic start after power failure maximum  3 s  relative repeat accuracy  product feature protective coating on printed-circuit board  number of NC contacts of auxiliary contacts of overload relay  1 %  product reature protective coating on printed-circuit board  number of NC contacts of auxiliary contacts of overload relay  1 number of NC contacts of auxiliary contacts of overload relay  • at AC at 600 V  • at DC at 250 V  • with single-phase operation at AC rated value  • with single-phase operation at AC rated value  • with multi-phase operation at AC rated		· · · · · · · · · · · · · · · · · · ·
overload protection     phase failure detection     a symmetry detection     ground fault detection     test function     e ground fault detection     ves     test function     ves     external reset     reset function     Annual, automatic and remote     trip class     cLASS 5 / 10 / 20 (factory set) / 30     adjustable current response value current of the current-dependent overload release     make time with automatic start after power failure maximum     as s     relative repeat accuracy     product feature protective coating on printed-circuit board     number of NC contacts of auxiliary contacts of overload relay     number of NC contacts of auxiliary contacts of overload relay     operational current of auxiliary contacts of overload relay     eat AC at 600 V     at DC at 250 V     at DC at 250 V     at DC at 250 V     set of a 250 V     with single-phase operation at AC rated value     with multi-phase operation at AC rated value     adjustable current response value current of instantaneous     short-circuit trip unit  Mounting/wiring  mounting position     fastening method     Surface mounting and installation     starting of auxiliary contactor or supply voltage line-side     type of electrical connection for supply maximum permissible     temperature of the conductor for supply maximum permissible     to the conductor for supply maximum permissible     to the conductor for supply and the conductor for supply an	product function	
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asymmetry detection ground fault detection test function test function external reset reset function Manual, automatic and remote trip class adjustable current response value current of the current- dependent overload release make time with automatic start after power failure maximum relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NC contacts of auxiliary contacts of overload relay 1 number of NC contacts of auxiliary contacts of overload relay 1 at AC at 600 V at AC at 600 V 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 insulation voltage (UI) with single-phase operation at AC rated value with multi-phase operation at AC rated value with multi-phase operation at AC rated value design of the housing design of the housing design of the motor protection operational current of motor circuit breaker rated value adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wifring mounting position fastening method type of electrical connection for supply voltage line-side for put for supply maximum permissible type of electrical connection for supply poly maximum permissible temperature of the conductor for supply maximum permissible type of electrical connection for load-side outgoing feeder  Verical type of electrical connection for load-side outgoing feeder  Verical Screw-type terminals	·	
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• test function     • external reset		
external reset  reset function  Manual, automatic and remote  trip class  adjustable current response value current of the current- dependent overload release  make time with automatic start after power failure maximum  relative repeat accuracy  product feature protective coating on printed-circuit board  number of NC contacts of auxiliary contacts of overload relay  operational current of auxiliary contacts of overload relay  • at AC at 600 V  • at DC at 250 V  contact rating of auxiliary contacts of overload relay according to  UL  **with single-phase operation at AC rated value  • with multi-phase operation  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/wring  mounting position  fastening method  type of electrical connection for supply voltage line-side of AWG cables single or multi-stranded  temperature of the conductor for supply voltage line-side of AWG cables single or multi-stranded  temperature of the conductor for supply waximum permissible  material of the conductor for supply maximum permissible  material of the conductor for supply maximum permissible  material of the conductor for supply maximum permissible  strength and remote protection and relax of the conductor for supply maximum permissible  temperature of the conductor for supply maximum permissible  strength and remote protection and relax and remote suppling and supplementants.  4 to CU  Screw-type terminals	<u> </u>	
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trip class adjustable current response value current of the current- dependent overload release  make time with automatic start after power failure maximum  relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NC contacts of auxiliary contacts of overload relay eat AC at 600 V at AC at 600 V at AC at 600 V at AC at 600 V builting of auxiliary contacts of overload relay with single-phase operation at AC rated value with multi-phase operation at AC rated value with multi-phase operation at AC rated value with multi-phase operation at AC rated value for its 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 electrical connection for supply maximum permissible material of the conductor for supply maximum permissible single or multi-stranded Surge-protection for supply maximum permissible material of the conductor for supply maximum permissible single or multi-stranded Surge-protection for supply maximum permissible single or multi-stranded Surge-protection for supply surge feeder Sorew-type terminals		
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number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay according to UL insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value  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 for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible raterial of the conductor for supply type of electrical connection for load-side outgoing feeder Screw-type terminals	relative repeat accuracy	1 %
number of NO contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay according to UL insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value  Enclosure 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 type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side for 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 Screw-type terminals	product feature protective coating on printed-circuit board	
operational current of auxiliary contacts of overload relay  • at AC at 600 V  • at DC at 250 V  contact rating of auxiliary contacts of overload relay according to UL  insulation voltage (Ui)  • with single-phase operation at AC rated value  • with multi-phase operation at AC rated value  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 type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply maximum permissible type of electrical connection for load-side outgoing feeder  Screw-type terminals	·	
■ at AC at 600 V     ■ at DC at 250 V     1 A     contact rating of auxiliary contacts of overload relay according to UL     insulation voltage (Ui)     ● with single-phase operation at AC rated value     ● with multi-phase operation at AC rated value	•	1
at DC at 250 V  contact rating of auxiliary contacts of overload relay according to UL  insulation voltage (Ui)  a with single-phase operation at AC rated value  with multi-phase operation at AC rated value  according to With end to Phase operation at AC rated value  Tructosure  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 for AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible material of the conductor for load-side outgoing feeder  11 A  5A@600VAC (B600), 1A@250VDC (R300)  A@600VAC (B600), 1A@250VDC (R300)    ball according to pack the pack transported to pack transported to pack transported to pack transported to pack transported transported to pack transported transported transported to pack transported transpor		
contact rating of auxiliary contacts of overload relay according to UL  insulation voltage (Ui)  • with single-phase operation at AC rated value  • with multi-phase operation at AC rated value  • with single-phase operation at AC rated value  • would value of the motor protection at AC rated value  • with single-phase operation at AC rated value  • with single-phase operation at AC rated value  • with multi-phase operation at AC rated value  • with m		
insulation voltage (Ui)  ■ with single-phase operation at AC rated value  ■ with multi-phase operation at AC rated value  Benclosure  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 for 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  Screw-type terminals		
insulation voltage (Ui)  • with single-phase operation at AC rated value  • with multi-phase operation at AC rated value  • with multi-phase operation at AC rated value  Enclosure  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 for AWG cables single or multi-stranded  temperature of the conductor for supply  type of electrical connection for supply maximum permissible  material of the conductor for supply  type of electrical connection for load-side outgoing feeder  Screw-type terminals		5A@600VAC (B600), 1A@250VDC (R300)
with single-phase operation at AC rated value     with multi-phase operation at AC rated value     with multi-phase operation at AC rated value    Surface   Surf		
with multi-phase operation at AC rated value    Solution		600 V
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 for AWG cables single or multi-stranded temperature of the conductor for supply type of electrical connection for supply type of electrical connection for supply AL or CU type of electrical connection for load-side outgoing feeder  Screw-type terminals		300 V
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 for AWG cables single or multi-stranded temperature of the conductor for supply type of electrical connection 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)  40 A  115 375 A  115 375 A  Surface mounting and installation  12	· · · · · · · · · · · · · · · · · · ·	
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 for AWG cables single or multi-stranded temperature of the conductor for supply type of electrical connection for load-side outgoing feeder  Motor circuit protector (magnetic trip only)  40 A  115 375 A  Surface mounting and installation  Box lug  1x (10 AWG 1/0 AWG)  AL or CU  Screw-type terminals	design of the housing	dustproof, waterproof & weatherproof
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 for AWG cables single or multi-stranded temperature of the conductor for supply type of electrical connection for supply temperature of the conductor for supply type of electrical connection for load-side outgoing feeder  Screw-type terminals	Circuit Breaker	
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 for AWG cables single or multi-stranded  temperature of the conductor for supply  type of electrical connection for supply  AL or CU  type of electrical connection for load-side outgoing feeder  Screw-type terminals	type of the motor protection	Motor circuit protector (magnetic trip only)
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 for AWG cables single or multi-stranded  temperature of the conductor for supply  material of the conductor for supply  type of electrical connection for load-side outgoing feeder  Screw-type terminals		40 A
Mounting/wiring       Vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded       1x (10 AWG 1/0 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	operational current of motor circuit breaker rated value	40 A
mounting position  fastening method  type of electrical connection for supply voltage line-side  box lug  type of connectable conductor cross-sections at line-side for 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  Vertical  Surface mounting and installation  1x (10 AWG 1/0 AWG)  AX (10 AWG 1/0 AWG)  AL or CU  Type of electrical connection for load-side outgoing feeder  Screw-type terminals	adjustable current response value current of instantaneous	
fastening method  type of electrical connection for supply voltage line-side  type of connectable conductor cross-sections at line-side for 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  Surface mounting and installation  1x (10 AWG 1/0 AWG)  AK (10 AWG 1/0 AWG)  AL or CU  type of electrical connection for load-side outgoing feeder  Screw-type terminals	adjustable current response value current of instantaneous short-circuit trip unit	
type of electrical connection for supply voltage line-side  type of connectable conductor cross-sections at line-side for 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  Screw-type terminals	adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring	115 375 A
type of connectable conductor cross-sections at line-side for 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  1x (10 AWG 1/0 AWG)  75 °C  AL or CU  Screw-type terminals	adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring  mounting position	115 375 A  Vertical
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  Screw-type terminals	adjustable current response value current of instantaneous short-circuit trip unit  Mounting/wiring  mounting position fastening method	115 375 A  Vertical  Surface mounting and installation
material of the conductor for supply  type of electrical connection for load-side outgoing feeder  Screw-type terminals	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	115 375 A  Vertical  Surface mounting and installation  Box lug
type of electrical connection for load-side outgoing feeder Screw-type terminals	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 for	115 375 A  Vertical  Surface mounting and installation  Box lug
<u></u>	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 for AWG cables single or multi-stranded	Vertical Surface mounting and installation Box lug 1x (10 AWG 1/0 AWG)
	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 for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible	Vertical Surface mounting and installation Box lug 1x (10 AWG 1/0 AWG) 75 °C
tightening torque [lbf-in] for load-side outgoing feeder 45 45 lbf-in	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 for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply	Vertical Surface mounting and installation Box lug 1x (10 AWG 1/0 AWG) 75 °C AL or CU
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded  1x (14 2 AWG)	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 for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply	Vertical Surface mounting and installation Box lug 1x (10 AWG 1/0 AWG) 75 °C AL or CU Screw-type terminals
temperature of the conductor for load-side outgoing feeder maximum permissible 75 °C	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 for 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 for AWG cables	Vertical Surface mounting and installation Box lug 1x (10 AWG 1/0 AWG) 75 °C AL or CU Screw-type terminals 45 45 lbf-in
material of the conductor for load-side outgoing feeder AL or CU	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 for 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 for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder	Vertical Surface mounting and installation Box lug 1x (10 AWG 1/0 AWG)  75 °C AL or CU Screw-type terminals 45 45 lbf-in 1x (14 2 AWG)
type of electrical connection of magnet coil  Screw-type terminals	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 for 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 for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible	Vertical Surface mounting and installation Box lug 1x (10 AWG 1/0 AWG)  75 °C AL or CU Screw-type terminals 45 45 lbf-in 1x (14 2 AWG)
tightening torque [lbf-in] at magnet coil 5 12 lbf-in	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 for 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 for 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	Vertical Surface mounting and installation Box lug 1x (10 AWG 1/0 AWG) 75 °C AL or CU Screw-type terminals 45 45 lbf·in 1x (14 2 AWG) 75 °C AL or CU
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  2x (16 12 AWG)	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 for 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 for 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	Vertical Surface mounting and installation Box lug 1x (10 AWG 1/0 AWG)  75 °C AL or CU Screw-type terminals 45 45 lbf-in 1x (14 2 AWG)  75 °C AL or CU Screw-type terminals
temperature of the conductor at magnet coil maximum permissible 75 °C	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 for 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 for 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	Vertical Surface mounting and installation Box lug 1x (10 AWG 1/0 AWG)  75 °C AL or CU Screw-type terminals 45 45 lbf-in 1x (14 2 AWG)  75 °C AL or CU Screw-type terminals
material of the conductor at magnet coil CU	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 for 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 for 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 for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum	Vertical Surface mounting and installation Box lug 1x (10 AWG 1/0 AWG)  75 °C AL or CU Screw-type terminals 45 45 lbf-in 1x (14 2 AWG)  75 °C AL or CU Screw-type terminals
type of electrical connection for auxiliary contacts  Screw-type terminals	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 for 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 for 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 for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible	Vertical Surface mounting and installation Box lug 1x (10 AWG 1/0 AWG)  75 °C AL or CU Screw-type terminals 45 45 lbf-in 1x (14 2 AWG)  75 °C  AL or CU Screw-type terminals 2x (16 12 AWG)
tightening torque [lbf-in] at contactor for auxiliary contacts  10 15 lbf-in	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 for 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 for 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 for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible	Vertical Surface mounting and installation Box lug 1x (10 AWG 1/0 AWG)  75 °C AL or CU Screw-type terminals 45 45 lbf-in 1x (14 2 AWG)  75 °C AL or CU Screw-type terminals 1x (14 2 AWG)  75 °C  AL or CU Screw-type terminals 5 12 lbf-in 2x (16 12 AWG)
type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded	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 for 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 for 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 type of connectable conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible	Vertical Surface mounting and installation Box lug 1x (10 AWG 1/0 AWG) 75 °C AL or CU Screw-type terminals 45 45 lbf-in 1x (14 2 AWG) 75 °C AL or CU Screw-type terminals 2x (16 12 AWG) 75 °C CU Screw-type terminals

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 for 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
maximum short-circuit current breaking capacity (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=US2:18EUE92NH

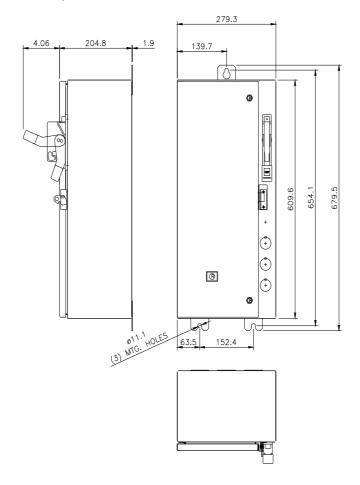
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

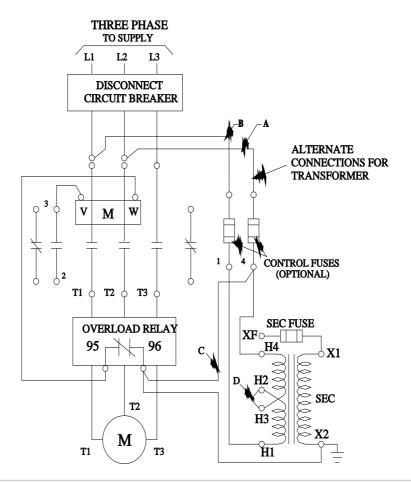
https://support.industry.siemens.com/cs/US/en/ps/US2:18EUE92NH

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=US2:18EUE92NH&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:18EUE92NH&lang=en</a>

Certificates/approvals

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