SIEMENS

Data sheet US2:14EUE820F



Non-reversing motor starter, Size 1 3/4, Three phase full voltage, Solid-state overload relay, OLR amp range 10-40A, 110V 50Hz / 120V 60Hz coil, Non-combination type, Enclosure type 12, Dust/drip proof for indoors, Extra-wide enclosure

| product brand name | Class 14 | |
|---|--|--|
| design of the product | Full-voltage non-reversing motor starter | |
| special product feature | ESP200 overload relay; Half-size starter | |
| General technical data | | |
| weight [lb] | 15 lb | |
| Height x Width x Depth [in] | 13 × 13 × 5 in | |
| touch protection against electrical shock | (NA for enclosed products) | |
| installation altitude [ft] at height above sea level maximum | 6560 ft | |
| ambient temperature [°F] | | |
| during storage | -22 +149 °F | |
| during operation | -4 +104 °F | |
| ambient temperature | | |
| during storage | -30 +65 °C | |
| during operation | -20 +40 °C | |
| country of origin | USA | |
| Horsepower ratings | | |
| yielded mechanical performance [hp] for 3-phase AC motor | | |
| • at 200/208 V rated value | 10 hp | |
| • at 220/230 V rated value | 10 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 | | |
| • at AC at 50 Hz rated value | 110 V | |
| at AC at 60 Hz rated value | 120 V | |
| holding power at AC minimum | 8.6 W | |
| apparent pick-up power of magnet coil at AC | 218 VA | |

| operating range factor control supply voltage rated value of magnet coil related to the input voltage of magnetic magnetic voltage of magnetic voltage | apparent noiding power of magnet coil at AC | 05.1/4 |
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| preparate col of vote votage of magnet col related to the input votage of percental drop-out votage of magnet col related to the input votage of percental drop-out votage of magnet col related to the input votage of percental drop-out votage of magnet col related to the input votage of percental drop-out votage of magnet col related to the input votage of percental votage of percenta | | 25 VA |
| permental drop-out voltage of magnet coll related to the input voltage ON-delay time O | | 0.85 1.1 |
| ON-Fidelay time OFF-delay time 10 24 ms OVERIFIED TO THE CONTROL OF THE CONTR | percental drop-out voltage of magnet coil related to the input | 50 % |
| ### Core in a first of the control of the current of the current of auxiliary contacts of overload relay to each of the housing of the housing with multi-phase operation at AC rated value easign of the housing detection in Surface mounting position in Casted in Surface mounting protein for supply voltage line-side to place of inchical protein for supply voltage line-side to place of inchical protein for supply voltage line-side to place of inchical connection for supply voltage line-side to place of inchical connection for load-side outgoing feeder maximum permissible inchical strangel college of the conductor for load-side outgoing feeder maximum permissible inchical strangel college of the conductor for load-side outgoing feeder and the conductor for load-side outgoing feeder and the conductor for load-side outgoing feeder inspired or imperator of auxiliary contacts of outgoing feeder and side outgoing fee | • | 19 29 ms |
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| • test function • external reset • external reset • external reset reset function Manual, automatic and remote trip class adjustable current response value current of the current- dependent overload release tripping time at phase-loss maximum 3 s relative repeat accuracy 1 1% product feature 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 800 V • at CD at 250 V 1 A contact rating of auxiliary contacts of overload relay • at AC at 250 V 1 A contact rating of auxiliary contacts of overload relay • with single-phase operation at AC rated value • with multi-phase operation at AC rated value selection of the housing design of the housing Mounting/witing Mo | | |
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| 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 type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor for load-side outgoing feeder AL or CU type of electrical connection of 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 material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil | fastening method type of electrical connection for supply voltage line-side | Surface mounting and installation Screw-type terminals |
| 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 type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the 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 material of the conductor at magnet coil outgoing feeder CU CU | fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply | Surface mounting and installation Screw-type terminals 45 45 lbf·in |
| 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 type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor for load-side outgoing feeder AL or CU type of electrical connection of magnet coil 5 12 lbf-in 2 x (16 - 12 AWG) AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil CU | fastening method type of electrical connection for supply voltage line-side tightening torque [lbf·in] for supply type of connectable conductor cross-sections at line-side for | Surface mounting and installation Screw-type terminals 45 45 lbf·in |
| 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 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 To CU Type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded To CU Type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded To CC To CU Type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded To CC To | fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded | Surface mounting and installation Screw-type terminals 45 45 lbf·in 1x(14 - 2 AWG) |
| 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 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 CU 1x(14 - 2 AWG) 75 °C 2x (14 - 12 AWG) 75 °C 2x (16 - 12 AWG) 75 °C | fastening method type of electrical connection for supply voltage line-side tightening torque [lbf·in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible | Surface mounting and installation Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG) 75 °C |
| 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 CU Type of connectable conductor at magnet coil maximum permissible CU CU | fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 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 | Surface mounting and installation Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU |
| 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 CU 75 °C 2 x (16 - 12 AWG) 75 °C | fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 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 Screw-type terminals 45 45 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals |
| material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil screw-type terminals 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 CU | fastening method type of electrical connection for supply voltage line-side tightening torque [lbf·in] for supply 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 | Surface mounting and installation Screw-type terminals 45 45 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 45 45 lbf·in |
| 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 Screw-type terminals 5 12 lbf-in 2 x (16 - 12 AWG) 75 °C CU | fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 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 | Surface mounting and installation Screw-type terminals 45 45 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 45 45 lbf·in 1x(14 - 2 AWG) |
| 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 5 12 lbf-in 2 x (16 - 12 AWG) 75 °C CU | fastening method type of electrical connection for supply voltage line-side tightening torque [lbf·in] for supply 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 | Surface mounting and installation Screw-type terminals 45 45 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 45 45 lbf·in 1x(14 - 2 AWG) 75 °C |
| 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 CU | fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 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 | Surface mounting and installation Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU |
| temperature of the conductor at magnet coil maximum permissible 75 °C material of the conductor at magnet coil CU | fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 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 | Surface mounting and installation Screw-type terminals 45 45 lbf-in 1x(14 - 2 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 | fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 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 | Surface mounting and installation Screw-type terminals 45 45 lbf·in 1x(14 - 2 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 5 12 lbf·in |
| <u> </u> | fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 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 | Surface mounting and installation Screw-type terminals 45 45 lbf·in 1x(14 - 2 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 5 45 lbf·in 1x(14 - 2 AWG) |
| type of electrical connection for auxiliary contacts screw-type terminals | fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 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 | Surface mounting and installation Screw-type terminals 45 45 lbf·in 1x(14 - 2 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 5 12 lbf·in 2 x (16 - 12 AWG) |
| | fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 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 | Surface mounting and installation Screw-type terminals 45 45 lbf-in 1x(14 - 2 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 5 45 lbf-in 2 x (16 - 12 AWG) 75 °C CU |
| type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) | fastening method type of electrical connection for supply voltage line-side tightening torque [lbf·in] for supply 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 | Surface mounting and installation Screw-type terminals 45 45 lbf-in 1x(14 - 2 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 5 12 lbf-in 2 x (16 - 12 AWG) 75 °C CU screw-type terminals |
| temperature of the conductor at contactor for auxiliary contacts 75 °C | fastening method type of electrical connection for supply voltage line-side tightening torque [lbf·in] for supply 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 type of electrical connection for auxiliary contacts tightening torque [lbf·in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for | Surface mounting and installation Screw-type terminals 45 45 lbf·in 1x(14 - 2 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 45 45 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 5 12 lbf·in 2 x (16 - 12 AWG) 75 °C CU Screw-type terminals 10 15 lbf·in |

| maximum permissible material of the conductor at contactor for auxiliary contacts type of electrical connection at overload relay for auxiliary contacts tightening torque [lbf-in] at overload relay for auxiliary contacts type of connectable conductor cross-sections at overload relay for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at overload relay for auxiliary contacts maximum permissible material of the conductor at overload relay for auxiliary contacts Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508; CSA 22.2, No.14 | | |
|--|---|---|
| type of electrical connection at overload relay for auxiliary contacts tightening torque [lbf-in] at overload relay for auxiliary contacts type of connectable conductor cross-sections at overload relay for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at overload relay for auxiliary contacts maximum permissible material of the conductor at overload relay for auxiliary contacts Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V screw-type terminals crew-type terminals crew type termi | maximum permissible | |
| tightening torque [lbf-in] at overload relay for auxiliary contacts type of connectable conductor cross-sections at overload relay for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at overload relay for auxiliary contacts maximum permissible material of the conductor at overload relay for auxiliary contacts Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V 10 kA | material of the conductor at contactor for auxiliary contacts | CU |
| type of connectable conductor cross-sections at overload relay for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at overload relay for auxiliary contacts maximum permissible material of the conductor at overload relay for auxiliary contacts Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V 10 kA | · · · | screw-type terminals |
| for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at overload relay for auxiliary contacts maximum permissible material of the conductor at overload relay for auxiliary contacts Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V 10 kA | tightening torque [lbf·in] at overload relay for auxiliary contacts | 7 10 lbf-in |
| contacts maximum permissible material of the conductor at overload relay for auxiliary contacts Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V 10 kA | | 2 x (20 - 14 AWG) |
| Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V 10 kA | | 75 °C |
| design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V 10 kA | material of the conductor at overload relay for auxiliary contacts | CU |
| circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V 10 kA | Short-circuit current rating | |
| maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V 10 kA | | 10kA@600V (Class H or K); 100kA@600V (Class R or J) |
| at 240 V at 480 V at 600 V 14 kA 10 kA | design of the short-circuit trip | Thermal magnetic circuit breaker |
| • at 480 V • at 600 V 10 kA • at 600 V | maximum short-circuit current breaking capacity (Icu) | |
| • at 600 V 10 kA | • at 240 V | 14 kA |
| | • at 480 V | 10 kA |
| certificate of suitability NEMA ICS 2; UL 508; CSA 22.2, No.14 | • at 600 V | 10 kA |
| | certificate of suitability | NEMA ICS 2; UL 508; CSA 22.2, No.14 |
| Further information | Further information | |

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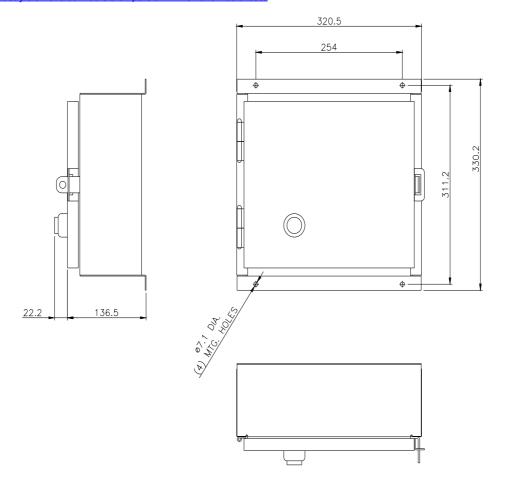
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:14EUE820F

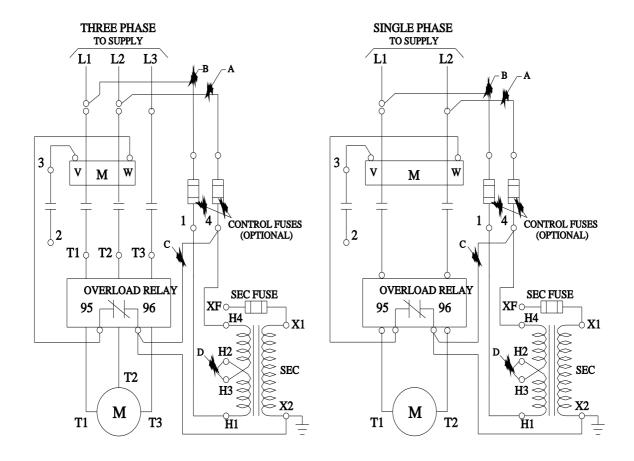
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