SIEMENS

Data sheet US2:14FUF820S



Non-reversing motor starter Size 2 Three phase full voltage Solid-state overload relay OLRelay amp range 13-52a 24Vdc coil Non-combination type Enclosure NEMA 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
General technical data	·
weight [lb]	19 lb
Height x Width x Depth [in]	16 × 13 × 6 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 	15 hp
• at 460/480 V rated value	25 hp
at 575/600 V rated value	25 hp
Contactor	
size of contactor	NEMA controller size 2
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	45 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	7
contact rating of auxiliary contacts of contactor according to UL	10A@600VAC (A600), 5A@600VDC (P600)
Coil	
type of voltage of the control supply voltage	DC
control supply voltage	
at DC rated value	24 V
holding power at AC minimum	0 W
apparent pick-up power of magnet coil at AC	163 VA
apparent holding power of magnet coil at AC	5.5 VA

presented of popul violage of magnet coil related to the injust 25 % ON-deay time ON-deay ON-dea	operating range factor control supply voltage rated value of magnet coil	0.85 1.1
ON-effects trainy product function • overload relative product function • overload protection • overload release • overload releas	percental drop-out voltage of magnet coil related to the input	25 %
O'Areinad Protection • overload protection • phase failure detection • phase failure detection • phase failure detection • symmetry detection • symmetry detection • extendant freet • extendant detection • extendant freet • extendan		21 21 mg
Poeduct function Poeduct fun	·	
product function • oreas function • phase failure detection • phase failure detection • provided function • provided function • provided function • provided function • conternal reset • cett function • provided function • conternal reset • cett function • cett function • conternal reset • cett function		11 11 1110
• vertical protection • phase failure detection • pround fault detection • ground fault detection • ground fault detection • elect function • cleaf function • cleaf function • determined from the fault of the current • stockmail reset • clear function • determined from the fault of the current • determined from the fault of the current • dependent overfoad release • dependent overfoad release • dependent overfoad release • protective coating on printed-circuit board •		
Polase failure detection	·	Yes
asymmetry detection	·	
• ground fault detection • external reset • coxternal reseave	•	
- leaf function - Ves reset function - Manual, automatic and remote reset function - Manual, automatic and remote CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overload release Urpinging time at phase-loss maximum relative repeat accuracy product feature protective coating on printed-circuit board number of NO contacts of auxiliary contacts of overload relay expertance of NO contacts of auxiliary contacts of overload relay expertance of NO contacts of auxiliary contacts of overload relay expertance of NO contacts of auxiliary contacts of overload relay expertance of NO contacts of auxiliary contacts of overload relay expertance of NO contacts of auxiliary contacts of overload relay expertance of NO contacts of auxiliary contacts of overload relay expertance of NO contacts of auxiliary contacts of overload relay expertance of NO contacts of auxiliary contacts of overload relay expertance of NO contacts of auxiliary contacts of overload relay expertance of NO contacts of auxiliary contacts of overload relay expertance of NO contacts of auxiliary contacts of overload relay expertance of NO contacts of auxiliary contacts of overload relay according to UL insulation voltage (U) exit in single-phase operation at AC rated value exit multi-phase ope		
external reset reset function Manual, automatic and remote typ class CLASS 57 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overfood release tripping time at phase-loss maximum 3 s relative repeat accuracy 1% product feature protective coating on printed-circuit board Yes number of NC contacts of auxiliary contacts of overload relay number of NC contacts of auxiliary contacts of overload relay 10 operational current of auxiliary contacts of overload relay 10 operational current of auxiliary contacts of overload relay 10 operational current of auxiliary contacts of overload relay 10 operational current of auxiliary contacts of overload relay 11 operational current of auxiliary contacts of overload relay 12 operational current of auxiliary contacts of overload relay 13 operational current of auxiliary contacts of overload relay 14 operational current of auxiliary contacts of overload relay according to 15 A 16 Carl 2 50 V 17 operational current of auxiliary contacts of overload relay according to 18 operational current of auxiliary contacts of overload relay according to 19 overload suiting of auxiliary contacts of overload relay according to 10 U. 10 overload suiting of auxiliary contacts of overload relay according to 10 overload suiting of auxiliary contacts of overload relay according to 10 overload suiting of auxiliary contacts of overload relay according to 10 overload suiting of auxiliary contacts 10 overload suiting of auxiliary contacts 10 overload suiting ov	-	
reset function typ class dijustablic current response value current of the current- dependent overload release tiftiging lime at phase-loss maximum 3 s reletive repeat accuracy triping lime at phase-loss maximum 3 s reletive repeat accuracy 1 % product feature protective coating on printed-circuit board yes 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 number of NC contacts of auxiliary contacts of overload relay 1 at AC at 600 V 2 at DC at 250 V 3 AC at 600 V 3 at DC at 250 V 4 at DC at 250 V 5 A 5 A 5 at 3 at 250 V 6 at DC at 250 V 7 b 6 contact rating of auxiliary contacts of overload relay 2 with multi-phase operation at AC rated value 3 on V 8 building contacts of overload relay 2 with multi-phase operation at AC rated value 3 on V 8 building contacts of overload relay 3 on V 8 building contacts of overload relay 3 on V 8 building contacts of overload relay 4 building contacts of overload relay 5 at Category 5 at AC at 600 V 6 at DC at 250 V 7 building contacts of overload relay 9 on overload relay according to UL 9 building contacts of overload relay according to UL 9 building contacts of overload relay 9 on overload relay according to 10 building contacts of overload relay 9 on overload relay according to 10 building contacts of overload relay 9 on overload relay according to 10 building contacts of overload relay 9 on overload relay according to 10 building contacts of overload relay 9 on overload relay according to 10 building contacts of overload relay 9 building contacts of overload relay according to 10 building contacts of overload relay according t		
trip class adjustable current response value current of the current- dependent overfload release tripping time at phase-loss maximum as a current of product or release tripping time at phase-loss maximum as a current of product or contacts of auxiliary contacts of overfload relay product feature protective coating on printed-circuit board yes number of NC contacts of auxiliary contacts of overfload relay number of NC contacts of auxiliary contacts of overfload relay at Cat 250 V at DC at 250 V between the contact of auxiliary contacts of overfload relay at Cat 250 V contact rating of auxiliary contacts of overfload relay with multi-phase operation at AC rated value with multi-phase operation at AC rated value with multi-phase operation at AC rated value between the output design of the housing design of the housing Dust light and drip proof for indoors Nountripy protection NEMA rating of the enclosure design of the housing Dust light and drip proof for indoors Nountripy protection of supply voltage line-side tiphening torque [lift-rill] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded tightening torque [lift-rill] for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder subject of the conductor for load-side outgoing feeder maximum permissible material of the conductor of road-side outgoing feeder maximum permissible material of the conductor of road-side outgoing feeder maximum permissible material of the conductor of road-side outgoing feeder maximum permissible material of the conductor of road-side outgoing feeder maximum permissible material of the conductor at mappet coil type of electrical connection for load-side outgoing feeder maximum permissible material o		- 17
adjustable current response value current of the current-dependent or value dependent or valued release stripping time at phase-loss maximum 3 s s release repeat a couracy 1 1% product feature protective coating on printed-circuit board Yes number of NC contacts of auxiliary contacts of overfload relay 1 number of NC contacts of auxiliary contacts of overfload relay 1 poperational current of auxiliary contacts of overfload relay 1 poperational current of auxiliary contacts of overfload relay 1 poperational current of auxiliary contacts of overfload relay 1 poperational current of auxiliary contacts of overfload relay 2 poperational current of auxiliary contacts of overfload relay 2 poperational current of auxiliary contacts of overfload relay according to UL 1 poperation of auxiliary contacts of overfload relay according to UL 1 poperation of auxiliary contacts of overfload relay according to UL 1 poperation of auxiliary contacts of overfload relay according to UL 1 poperation of auxiliary contacts of overfload relay according to UL 1 poperation overfload relay according to UL 1 poper		
tripping time at phase-loss maximum relative repeat accuracy product feature protective coeting on printed-circuit board yes number of NC contacts of auxiliary contacts of overload relay number of NC contacts of auxiliary contacts of overload relay at AC at 500 V at Cat 250 V 5.A at DC at 250 V 5.A contact rating of auxiliary contacts of overload relay e with single-phase operation at AC rated value e with multi-phase operation at AC rated value so with single-phase operation at AC rated value e with multi-phase operation at AC rated value gone of protection NEMA rating of the enclosure design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wirting mounting position Vertical Surface mounting and installation bype of electrical connection for supply voltage line-side signtening torque [lbf in] for supply Vipe of one electrical connection for supply Vipe of one electrical connection for supply Vipe of one electrical connection for supply Vipe of electrical connection for supply Vipe of electrical connection for supply Vipe of one electrical connection for supply Vipe of electrical connection for supply Vipe of electrical connection for supply Vipe of one electrical connection for load-side outgoing feeder Signt fining forque [lbf in] for load-side outgoing feeder Vipe of electrical connection for load-side outgoing feeder Vipe of electrical connection for load-side outgoing feeder Signt fining forque [lbf in] at magnet coil Vipe of electrical connection of magnet coil Vipe of electrical connection for auxiliary contacts Vipe of electrical connec	adjustable current response value current of the current-	
relative repeat accuracy product feature protective coating on printed-circuit board yes 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 DC at 250 V at DC at 250 V b at DC at 250 V contact rating of auxiliary contacts of overload relay according to U. 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 with multi-phase operation at AC rated value Extra-wide degree of protection NEMA rating of the enclosure design of the housing Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Mounting-withing mounting position Sustriage method Surface mounting and installation type of electrical connection for supply voltage line-side tightening torque [Ibf-in] for supply Yep 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 load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible stephenic process of the conductor for hoad-side outgoing feeder maximum permissible stephenic process of the conductor for load-side outgoing feeder maximum permissible stephenic process of the conductor for load-side outgoing feeder maximum permissible stephenic process of the conductor for load-side outgoing feeder maximum permissible stephenic process of the conductor of road-side outgoing feeder maximum permissible stephenic process of the conductor of magnet coil stightening torque [Ibf-in] of load-side outgoing feeder maximum permissible stephenic process of the conductor of magnet coil stightening torque [Ibf-in] of the conductor of road-side outgoing feeder maximum permissible stephenic process of the conductor of the conductor of road-side outgoing feeder stephenic process of the conductor of	·	38
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 2 2 at AC at 600 V 3 3 at CC at 250 V 5 4 at CC at 250 V 5 5 6 6 600 V 6 600 V 6 600 V 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 7 6 7	· · · · ·	
number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay at AC at 600 V at DC at 250 V b at DC at 250 V contact rating of auxiliary contacts of overload relay according to UL swith 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 housing Dust tight and drip proof for indoors Mounting-wiring mounting position fastening method Usge reliable to the foreign of the state of the conductor for supply voltage line-side of the state of the conductor for supply maximum permissible material of the conductor for supply maximum permissible of the conductor for supply according feeder stightening torque [bit-in] for load-side outgoing feeder stightening torque [bit-in] for load-s	· · · · · · · · · · · · · · · · · · ·	
number of NO contacts of auxiliary contacts of overload relay e at AC at 600 V e at DC at 250 V 5 A at DC at 250 V 5 A contact rating of auxiliary contacts of overload relay according to UL insulation voltage (UI) e with single-phase operation at AC rated value e with multi-phase operation at AC rated value with multi-phase operation at AC rated value gere of protection NEMA rating of the enciosure design of the housing degree of protection NEMA rating of the enciosure Extra-wide Regree of protection NEMA rating of the enciosure Extra-wide NEMA Type 12 design of the housing mounting position Vertical Satening method Vype of electrical connection for supply voltage line-side tightening torque [librin] for supply 45 45 librin Vype of connectable conductor cross-sections at line-side for AVIG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for load-side outgoing feeder Vype of electrical connectable conductor for load-side outgoing feeder Vype of electrical connectable conductor for load-side outgoing feeder Vype of electrical connectable conductor for load-side outgoing feeder Vype of electrical connectable conductor for load-side outgoing feeder Vype of electrical connectable conductor for load-side outgoing feeder Vype of electrical connectable conductor for load-side outgoing feeder Vype of electrical connection of magnet coil Vype of electrical connection of magnet coil Vype of electrical connection of magnet coil Vype of electrical connection of nawliary contacts Vype of electrical connection of nawliary contacts Vype of electrical connection of the such vipe of connectable conductor at magnet coil Vype of electrical connection of the vipe of connectable conductor of the vipe	· · · · · · · · · · · · · · · · · · ·	- 17
e at AC at 600 V a 1D Cal 250 V 5.A at DC at 250 V 5.A contact rating of auxiliary contacts of overload relay according to 1. 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 Enclosuro design of the housing degree of protection NEMA rating of the enclosure design of the housing Dust tight and drip proof for indoors Mounting/wiring mounting position fastening method Surface mounting and installation type of electrical connection for supply voltage line-side subpleming torque [bir-in] for supply bype of connectable conductor for supply maximum permissible material of the conductor for supply maximum permissible material of the conductor for supply AL or CU type of electrical connection for load-side outgoing feeder stightening torque [bir-in] for load-side outgoing feeder subpreature of the conductor of magnet coil subpreature of the conductor at m	-	
at AC at 600 V at DC at 250 V because of the south of t	·	
• 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 • one of protection NEMA rating of the enclosure design of the housing design of the housing • worth multi-phase operation at AC rated value • Extra-wide degree of protection NEMA rating of the enclosure design of the housing • worth multi-glywing mounting position fastening method Surface mounting and installation ype of electrical connection for supply voltage line-side tightening torque [Ibf-in] for supply ABC ables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply ABC ables for load-side outgoing feeder ABC and 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 maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder and the conductor for load-side outgoing feeder and the conductor for load-side outgoing feeder and the conductor		5 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 • with multi-phase operation at AC rated value design of the housing Extra-wide design of the housing design of the housing Mounting voltage in position fastening method type of electrical connection for supply voltage line-side Bax lug lightening lorque (IbFin) 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 rose-sections of rAWG cables for load-side outgoing feeder material of the conductor for load-side outgoing feeder		
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 300 V		
with single-phase operation at AC rated value with multi-phase operation at AC rated value as over the with multi-phase operation at AC rated value design of the housing degree of protection NEMA rating of the enclosure design of the housing Dust tight and drip proof for indoors Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side Box lug tightening torque [lbf-in] for supply 45 45 lbf-in 1x/14 - 2 AWG) AWG cables single or multi-stranded temperature of the conductor for supply AL or CU type of electrical connection for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder at load to the conductor for load-side outgoing feeder material of the conductor for load-side outgoing feeder material of the conductor for load-side outgoing feeder material of the conductor oross-sections of magnet coil or AWG cables single or multi-stranded temperature of the conductor at magnet coil material of the	UL	
with multi-phase operation at AC rated value design of the housing		000 //
design of the housing		
design of the housing		300 V
degree of protection NEMA rating of the enclosure design of the housing Dust tight and drip proof for indoors	Enclosura	
Dust tight and drip proof for indoors		Extra wida
mounting position fastening method Uppe of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply Uppe of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply Uppe of electrical connection for load-side outgoing feeder Uppe of electrical connection for load-side outgoing feeder Uppe of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded Uppe of electrical connection for load-side outgoing feeder Uppe of electrical connection for load-side outgoing feeder Uppe of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded Upperature of the conductor for load-side outgoing feeder Maximum permissible Uppe of electrical connection of magnet coil maximum Upperature of the conductor at magnet coil maximum Upperature of the conductor at magnet coil Uppe of electrical connection for auxiliary contacts Uppe of electrical connection for auxiliary contacts Upper of connectable conductor of upperature of the conductor of upperature of the conductor of upperature of uppera	design of the housing	
mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 45 45 lbf-in 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 tightening torque [lbf-in] for load-side outgoing feeder type of electrical connection 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 AL or CU 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 material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts to connectable conductor at contactor for auxiliary contacts to connectable conductor at contactor for auxiliary contacts to connectable conductor at contactor for auxiliary contacts to contact at a such at a such at a	design of the housing degree of protection NEMA rating of the enclosure	Extra-wide NEMA Type 12
fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 45 45 lbf-in 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 type of connectable conductor for load-side outgoing feeder type of electrical connection of magnet coil type of electrical connection of magnet coil type of electrical connectable conductor ross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor for load-side outgoing feeder 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 type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for	design of the housing degree of protection NEMA rating of the enclosure design of the housing	Extra-wide NEMA Type 12
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 tightening torque [lbf-in] for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of connectable 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 electrical connectable conductor for load-side outgoing feeder stightening torque [lbf-in] at magnet coil type of connectable conductor at magnet coil for AWG cables single or multi-stranded temperature 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 AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors
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 type of electrical connection for load-side outgoing feeder type of connectable conductor for supply type of connectable conductor for supply type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder temperature of the conductor for load-side outgoing feeder maximum permissible tightening torque [lbf-in] for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder tightening torque [lbf-in] at magnet coil type of connectable conductor at 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 connectable 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 auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical
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 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 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 type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts 75 °C	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical Surface mounting and installation
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 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 for load-side outgoing feeder aWG cables single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder AL or CU screw-type terminals tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables of auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of electrical connection for auxiliary contacts to type of connectable conductor at magnet coil type of electrical connection for auxiliary contacts to type of connectable conductor or or auxiliary contacts to type of connectable conductor or or auxiliary contacts to type of connectable conductor or or auxiliary contacts to type of connectable conductor or or auxiliary contacts to the conductor at contactor for auxiliary conta	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical Surface mounting and installation Box lug
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 material of the conductor for load-side outgoing feeder 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 screw-type terminals 5 12 lbf-in 2 x (16 - 12 AWG) CU type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts to connectable conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts to connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts to connectable conductor at contactor for auxiliary contacts 75 °C	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position 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	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical Surface mounting and installation Box lug 45 45 lbf-in
type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder 45 45 lbf-in 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 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 type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts to u 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG)	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position 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	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical Surface mounting and installation Box lug 45 45 lbf-in 1x(14 - 2 AWG)
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 auxiliary contacts temperature of the conductor at magnet coil type of connectable 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 to cu type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts to cu type of electrical connection for auxiliary contacts to connectable conductor at magnet coil type of connectable conductor at contactor for auxiliary contacts to connectable conductor at contactor for auxiliary contacts temperature of the conductor at contactor for auxiliary contacts temperature of the conductor at contactor for auxiliary contacts temperature of the conductor at contactor for auxiliary contacts temperature of the conductor at contactor for auxiliary contacts temperature of the conductor at contactor for auxiliary contacts temperature of the conductor at contactor for auxiliary contacts temperature of the conductor at contactor for auxiliary contacts to connectable condu	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position 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	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical Surface mounting and installation Box lug 45 45 lbf·in 1x(14 - 2 AWG) 75 °C
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 type of electrical connection 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 AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts 75 °C	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position 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	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical Surface mounting and installation Box lug 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 type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts total 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 AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts 75 °C	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position 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	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical Surface mounting and installation Box lug 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Box lug
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 AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts 75 °C	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position 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	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical Surface mounting and installation Box lug 45 45 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Box lug 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 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 AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts 75 °C 1 x (12 AWG) 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG)	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position 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	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical Surface mounting and installation Box lug 45 45 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Box lug 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 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 AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts 75 °C CU screw-type terminals 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG)	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position 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	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical Surface mounting and installation Box lug 45 45 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Box lug 45 45 lbf·in 1x(14 - 2 AWG)
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 AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts 75 °C 2 x (16 - 12 AWG) 2 x (16 - 12 AWG) 10 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 2 x (16 - 12 AWG)	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position 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	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical Surface mounting and installation Box lug 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Box lug 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Box Lug AL or CU Box Lug AL or CU
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 AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts 75 °C CU screw-type terminals 10 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position 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	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical Surface mounting and installation Box lug 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Box lug 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Box rug AL or CU Box rug AL or CU Box rug AL or CU Screw-type terminals
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 AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts CU screw-type terminals 10 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position 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	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical Surface mounting and installation Box lug 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Box lug 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Sorew-type terminals 5 12 lbf-in
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 AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts 75 °C	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position 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	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical Surface mounting and installation Box lug 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Box lug 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Sorew-type terminals 5 12 lbf-in 2 x (16 - 12 AWG)
tightening torque [lbf-in] at contactor for auxiliary contacts 10 15 lbf-in type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts 75 °C	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position 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	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical Surface mounting and installation Box lug 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Box lug 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Box lug 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)
type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts 75 °C	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position 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 maximum permissible	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical Surface mounting and installation Box lug 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Box lug 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
temperature of the conductor at contactor for auxiliary contacts 75 °C	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position 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 maximum permissible material of the conductor at magnet coil	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical Surface mounting and installation Box lug 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Box lug 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
	design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position 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 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 type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts	Extra-wide NEMA Type 12 Dust tight and drip proof for indoors Vertical Surface mounting and installation Box lug 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Box lug 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

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	2 x (20 - 14 AWG)
temperature of the conductor at overload relay for auxiliary contacts maximum permissible	75 °C
material of the conductor at overload relay for auxiliary contacts	CU
Object a line of the comment and the comment a	
Short-circuit current rating	
design of the fuse link for short-circuit protection of the main circuit required	10kA@600V (Class H or K); 100kA@600V (Class R or J)
design of the fuse link for short-circuit protection of the main	10kA@600V (Class H or K); 100kA@600V (Class R or J) Thermal magnetic circuit breaker
design of the fuse link for short-circuit protection of the main circuit required	
design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip	
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)	Thermal magnetic circuit breaker
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	Thermal magnetic circuit breaker 14 kA
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	Thermal magnetic circuit breaker 14 kA 10 kA

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=US2:14FUF820S

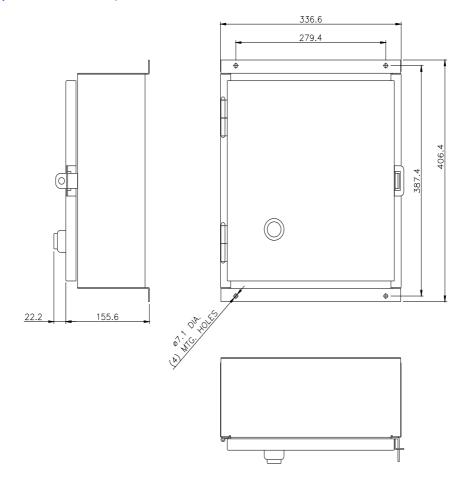
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

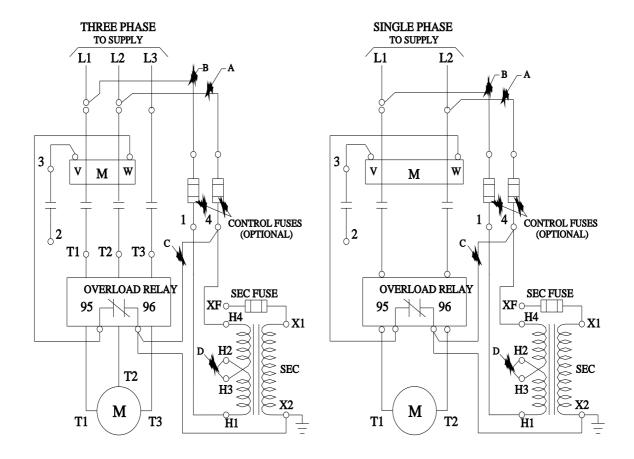
https://support.industry.siemens.com/cs/US/en/ps/US2:14FUF820S

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:14FUF820S&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:14FUF820S/certificate





last modified: 11/29/2021 🖸

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens: 14FUF820S