SIEMENS

Data sheet US2:14BUB32AL



Non-reversing motor starter Size 00 Three phase full voltage Solid-state overload relay OLRelay amp range 0.75-3.4A 240VAC 50HZ / 277VAC 60HZ coil Combination type No enclosure

Figure similar

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]	3 lb
Height x Width x Depth [in]	7.44 × 5.75 × 3.75 in
touch protection against electrical shock	Not finger-safe
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	Mexico
Horsepower ratings	
yielded mechanical performance [hp] for 3-phase AC motor	
• at 200/208 V rated value	0.5 hp
• at 220/230 V rated value	0.75 hp
• at 460/480 V rated value	1.5 hp
• at 575/600 V rated value	2 hp
Contactor	
size of contactor	NEMA controller size 00
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	9 A
mechanical service life (switching 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	

a ta AC at 60 Hz rated value apparent plot-up power of magnet coil at AC apparent holding power of magnet coil related to the Input voltage for percental drop-out voltage of magnet coil related to the Input voltage ON-delay time 19 29 ms OFF-delay time 10 24 ms Ves voerload protection • overload protectio	at A.O. at 50 Hz mated walks	0401/
holding power at AC minimum apparent plot-up power of magnet coil at AC apparent ploting power of magnet power plot ploting plotin	at AC at 50 Hz rated value	240 V
apparent pick-up power of magnet coil at AC apparent holding power of magnet coil apparent of magnet coil apparent of progressing and apparent of prog		
apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil percental drop-out voltage of magnet coil related to the input voltage ON-deley time 1024 ms Overload rolay product function • overload rolay product function • overload protection • phase failure detection • phase failure detection • phase failure detection • result function • external reset • Result function • external reset • Result function • external reset • No manual, automatic and remote trip class displaying time at phase-loss maximum reset function • product function • external reset • No manual, automatic and remote trip class displaying time at phase-loss maximum relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay at AC at 600 V • at DC at 250 V • at		
operating range factor control supply voltage rated value of magnet coil percental drop-out voltage of magnet coil related to the input voltage. ON-delay time 19 29 ms OF-delay time 10 24 ms Overload rolsy product function • overload rolesy product function • overload roles overload relay • external reset • saymmetry detection Yes • ground fault detection Yes • external reset reset function Manual, automatic and remote CLASS 5 / 10 / 20 (factory set) / 30 O/5 3.4 A daystable current response value current of the current-dependent overload release tripping time at phase-loss maximum 3 s relative repeat accuracy product feature protective coating on printed-circuit board rulber of NC contacts of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V • at DC at 250 V contact rating of auxiliary contacts of overload relay • with single-phase operation at AC rated value • with multi-phase operation of Security of Secur		
percental drop-out voltage of magnet coil related to the input voltage. ON-delay time OF-delay time 19 29 ms OF-delay time 10 24 ms Overload relay product function • overload protection • phase failure detection • asymmetry detection • asymmetry detection • external reset • asymmetry detection • external reset No • external reset No reset function • oxternal reset reset function • oxternal reset relative repeat accuracy product feature protective coating on printed-circuit board rumber of NC contacts of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V • at DC at	operating range factor control supply voltage rated value	
OF-delay time 19 29 ms OF-delay time 10 24 ms OF-delay time 10 24 ms Orarload rolay product function • overload protection • phase failure detection Yes • asymmetry detection Yes • asymmetry detection Yes • caternal reset No No external reset No No reset function Manual, automatic and remote CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current-dependent overload release Tripping time at phase-loss maximum 3 s adjustable current response value current of the current-dependent overload release Tripping time at phase-loss maximum 3 s relative repeat accuracy product feature protective coating on printed-circuit board relay or No contacts of auxiliary contacts of overload relay rumber of NC contacts of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V • at DC at 250 V contact rating of auxiliary contacts of overload relay • with mighe-phase operation at AC rated value • with multi-phase operation of AC rated value • with multi-	percental drop-out voltage of magnet coil related to the	50 %
Overload ratay product function • overload protection • phase failure detection • phase failure detection • phase failure detection • ground faut detection • external reset reset function • external reset reset function • cate functio		40 00
product function • overload protection • phase failure detection • phase failure detection • product function • symmetry detection • ground fault detection • external reset • external reset No reset function trip class dijustable current response value current of the current-dependent overload release tripping time at phase-loss maximum relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at NC at 250 V • at DC at 250 V • at DC at 250 V • with mylis-phase operation at AC rated value • with mylis-phase operation at AC rated value • with mylis-phase operation at AC rated value • with mylis-phase operation of AC rated value fedgree of protection NEMA rating design of the housing Mounting/wring mounting/position fastening method type of electrical connection for supply voltage line-side tipped relactions in conductor for supply type of electrical connection for supply warmum permissible material of the conductor rorss-sections at AWC actables for load-side outgoing feeder tipptomic pode in the conductor cross-sections at AWC actables for load-side outgoing feeder type of connectable conductor cross-sections at AWC actables for load-side outgoing feeder tipptomic pode conductor cross-sections at AWC actables for load-side outgoing feeder type of connectable conductor cross-sections at AWC actables for load-side outgoing feeder type of connectable conductor cross-sections at AWC actables for load-side outgoing feeder type of connectable conductor cross-sections at AWC actables for load-side outgoing feeder type of connectable conductor cross-sections at AWC actables for load-side outgoing feeder type of connectable conductor cross-sections at AWC actables for load-side outgoing feeder type of connectable conductor cross-sections at AWC actables for load-side outgoing feeder type of connectable conductor cross-sections at AWC actables		
product function • overload protection • phase failure detection • phase failure detection • ground fault detection • ground fault detection • external reset • test function • external reset No reset function • external reset No class adjustable current response value current of the current-dependent overload release tripping time at phase-loss maximum relative repeat accuracy 1 % product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay evaluate of NC contacts of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V • at DC at 250 V • at DC at 250 V • with single-phase operation at AC rated value • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation of supply voltage line-side tightening torque [librin] for supply type of electrical connection for supply woltage line-side tightening torque [librin] for load-side outgoing feeder		10 24 ms
overload protection phase failure detection a symmetry detection ground fault detection ves test function external reset No external reset No asymmetry detection external reset No external reset No action of the current response value current of the current dependent overload release tripping time at phase-loss maximum relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay at AC at 600 V at DC at 250 V at DC at 250 V at DC at 250 V with multi-phase operation at AC rated value with multi-phase operation of a fact at a fact of the founding factor of the founding factor of the founding factor of contact rating from the founding factor of the founding factor of contact rating from the founding factor of the founding factor of the founding factor of contacts of the factor of contacts of contacts of the factor of contacts of contacts of the factor of contacts of contact		
phase failure detection asymmetry detection ground fault detection est function external reset No Teset function trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current-dependent overload release tripping time at phase-loss maximum relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay earl AC at 600 V at AC at 600 V at AC at 500 V at BC at 250 V contact rating of auxiliary contacts of overload relay ewith 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 ewith multi-phase operation of a Crated value with multi-phase operation of a Crated value ewith multi-phase operation of a Crated value with multi-phase operation of a Crated value awith multi-phase operation of a Crated value with multi-phase operation of a Crated value awith multi-phase operation of a Crated value with multi-phase operation of a Crated value awith multi-phase operation of	·	.,
asymmetry detection ground fault detection etest function external reset No reset function Annual, automatic and remote trip class adjustable current response value current of the current- dependent overload release tripping time at phase-loss maximum relative repeat accuracy product feature protective coating on printed-circuit board relay number of NO contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay at AC at 600 V at DC at 250 V contact rating of auxiliary contacts of overload relay with multi-phase operation at AC rated value feasign of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side at AWG cables single or multi-stranded temperature of the conductor for supply type of connectable conductor cross-sections at line-side tightening torque [lib* in] for supply type of connectable conductor for supply maximum permissible material of the conductor for supply maximum permissible material of the conductor for supply maximum permissible material of the conductor for supply maximum type of connectable conductor for supply maximum permissible material of the conductor or supply maximum type of connectable conductor for supply type of connectab	•	
• ground fault detection • test function • external reset • caternal reset Preset function Itrip class GlasS 5 / 10 / 20 (factory set) / 30 Adjustable current response value current of the current-dependent overload release tripping time at phase-loss maximum relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NC contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V contact rating of auxiliary contacts of overload relay • with single-phase operation at AC rated value • with multi-phase operation of Security of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [librin] for supply type of connectable conductor cross-sections at line-side tightening torque [librin] for supply type of connectable conductor for supply type of connectable conductor for supply type of connectable conductor for load-side outgoing feeder type of connectable conductor for supply typ	•	
• kest function • external reset No reset function trip class adjustable current response value current of the current-dependent overload release tripping time at phase-loss maximum relative repeat accuracy tripping time at phase-loss maximum relative repeat accuracy 1 % product feature protective coating on printed-circuit board 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 • at DC at 250 V • at DC at 250 V • with multi-phase operation at AC rated value • with multi-phase operation of the housing design of the housing mounting position fastening method type of electrical connection for supply voltage line-side at MG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply maximum type of connectable conductor for supply maximum permissible material of the conductor for supply maximum type of connectable conductor for supply maximum permissible material of the conductor for supply maximum type of connectable conductor for supply maximum permissible material of the conductor for supply maximum type of connectable conductor for supply maximum permissible material of the conductor for supply maximum type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-		
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 relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NC contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay et at AC at 600 V at Co at 250 V at Contact rating of auxiliary contacts of overload relay ewith single-phase operation at AC rated value ewith multi-phase operation at AC rated value ewith multi-phase operation at AC rated value encounting to UL extension design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side at AWG cables single or multi-stranded temperature of the conductor for supply material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf·in] for load-side outgoing feeder type of connectable conductor for supply type of electrical connection for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-	9	
reset function trip class cLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overload release tripping time at phase-loss maximum relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NC contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V contact rating of auxiliary contacts of overload relay according to UL insulation voltage (UI) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor for supply maximum permissible material of the conductor for load-side outgoing feeder type of connectable conductor for load-side outgoing feeder type of connectable conductor for load-side outgoing feeder type of connectable conductor coross-sections at AWG cables for load-side outgoing feeder type of connectable conductor coross-sections at AWG cables for load-side outgoing feeder type of connectable conductor coross-sections at AWG cables for load-side outgoing feeder type of connectable conductor coross-sections at AWG cables for load-side outgoing feeder type of connectable conductor coross-sections at AWG cables for load-side outgoing feeder type of connectable conductor coross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-		
trip class adjustable current response value current of the current-dependent overload release tripping time at phase-loss maximum relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NC contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V • at DC at 250 V contact rating of auxiliary contacts of overload relay according to UL insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value with multi-phase operation at AC rated value with multi-phase operation of a Cated value with		
adjustable current response value current of the current-dependent overload release tripping time at phase-loss maximum relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NC contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at NC at 600 V • at DC at 250 V contact rating of auxiliary contacts of overload relay according to UL insulation voltage (UI) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation 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 electrical connectation for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeders ingle or multi-		
tripping time at phase-loss maximum relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NO 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 • at DC at 250 V • at DC at 250 V • 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 • with multi-phase operation of the conductor for supply voltage line-side tightening torque [lbf-in] for supply type of electrical connection for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- strandard relay 7 s c 1 % Yes 1 % A C 1 C 5 A 1 A 5 A@600VAC (B600), 1A@250VDC (R300) 2 NA 600 V 300 V Enclosure 600 V 300 V Enclosure 600 V 300 V Enclosure 600 V 5 A 1 A Contact rating of expert value 600 V 5 A 1 A Contact rating of expert value 600 V 5 A 1 A Contact rating of expert value 600 V 900 V 900 Pen device (no enclosure) 900 Pen device (no enclosure) 900 V 900 Pen device (no enclosure) 900 Pen device (no enclosure	•	
relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V 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 begin of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [Uf-in] for supply type of connectable conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [Uf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor for supply AL or CU 2 x (14 - 10 AWG) 2 x (14 - 10 AWG)		0.75 3.4 A
product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V contact rating of auxiliary contacts of overload relay according to UL insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value Enclosure degree of protection NEMA rating design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [Ibf-in] for supply type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [Ibf-in] for load-side outgoing feeder to the conductor for supply type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-	tripping time at phase-loss maximum	
number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V 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 housing Copen device (no enclosure) degree of protection NEMA rating design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [libf-in] for supply type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-	relative repeat accuracy	1 %
relay number of NO contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V contact rating of auxiliary contacts of overload relay according to UL insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value Enclosure degree of protection NEMA rating design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [Ibf-in] for supply type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for load-side outgoing feeder ttype of connectable conductor cross-sections at AC or CU type of connectable conductor cross-sections at AC or CU type of connectable conductor cross-sections at AC or CU type of electrical connection for load-side outgoing feeder ttype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder ttype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder ttype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-	product feature protective coating on printed-circuit board	Yes
prelay operational current of auxiliary contacts of overload relay		1
at AC at 600 V at DC at 250 V contact rating of auxiliary contacts of overload relay according to UL insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value open device (no enclosure)		1
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 • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value degree of protection NEMA rating 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 for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder type of connectable 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 electrical connection for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-	operational current of auxiliary contacts of overload relay	
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 • with multi-phase operation at AC rated value **Tenclosure** degree of protection NEMA rating Open device (no enclosure)	• at AC at 600 V	5 A
insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value degree of protection NEMA rating 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 at AWG cables single or multi-stranded temperature of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder some value of the conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-	• at DC at 250 V	1 A
with single-phase operation at AC rated value with multi-phase operation at AC rated value community wiring mounting position fastening method type of electrical connection for supply voltage line-side at AWG cables single or multi-stranded temperature of the conductor for supply material of the conductor for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder type of connectable conductor for supply AL or CU Screw-type terminals 1x(14 - 2 AWG) AL or CU Screw-type terminals 2 x (14 - 10 AWG) 2 x (14 - 10 AWG)		5A@600VAC (B600), 1A@250VDC (R300)
 with multi-phase operation at AC rated value Berclosure degree of protection NEMA rating Open device (no enclosure) design of the housing NA 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 at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply AL or CU type of connectable conductor for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder 20 24 lbf-in type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- 	insulation voltage (Ui)	
degree of protection NEMA rating 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 at AWG cables single or multi-stranded temperature of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for supply AL or CU type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-	 with single-phase operation at AC rated value 	600 V
degree of protection NEMA rating 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 at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for load-side outgoing feeder type of connectable conductor cross-sections at load-side outgoing feeder tightening torque [lbf·in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder multi-	 with multi-phase operation at AC rated value 	300 V
design of the housing NA Mounting/wiring Vertical mounting position Surface mounting and installation fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals tightening torque [lbf·in] for supply 20 20 lbf·in type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded 1x(14 - 2 AWG) temperature of the conductor for supply maximum permissible 75 °C material of the conductor for supply AL or CU type of electrical connection for load-side outgoing feeder Screw-type terminals tightening torque [lbf·in] for load-side outgoing feeder 20 24 lbf·in type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- 2 x (14 - 10 AWG)	Enclosure	
design of the housing NA Mounting/wiring Vertical mounting position Surface mounting and installation fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals tightening torque [lbf·in] for supply 20 20 lbf·in type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded 1x(14 - 2 AWG) temperature of the conductor for supply maximum permissible 75 °C material of the conductor for supply AL or CU type of electrical connection for load-side outgoing feeder Screw-type terminals tightening torque [lbf·in] for load-side outgoing feeder 20 24 lbf·in type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- 2 x (14 - 10 AWG)	degree of protection NEMA rating	Open device (no enclosure)
Mounting/wiring Vertical mounting position Surface mounting and installation fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals tightening torque [lbf·in] for supply 20 20 lbf·in type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded 1x(14 - 2 AWG) temperature of the conductor for supply maximum permissible 75 °C material of the conductor for supply AL or CU type of electrical connection for load-side outgoing feeder Screw-type terminals tightening torque [lbf·in] for load-side outgoing feeder 20 24 lbf·in type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- 2 x (14 - 10 AWG)		, , , , ,
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 at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf·in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-	5	
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 at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-		Vertical
type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-		
tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-		
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-		
temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf·in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- 75 °C AL or CU Screw-type terminals 2 v. (14 - 10 AWG)	type of connectable conductor cross-sections at line-side	
material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf·in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-	temperature of the conductor for supply maximum	75 °C
type of electrical connection for load-side outgoing feeder tightening torque [lbf·in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-	·	AL or CU
tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-		
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-		
Suanucu	type of connectable conductor cross-sections at AWG	
temperature of the conductor for load-side outgoing feeder maximum permissible 75 °C		75 °C
material of the conductor for load-side outgoing feeder CU	material of the conductor for load-side outgoing feeder	CU
type of electrical connection of magnet coil screw-type terminals		screw-type terminals
tightening torque [lbf·in] at magnet coil 5 12 lbf·in	tightening torque [lbf·in] at magnet coil	5 12 lbf·in
type of connectable conductor cross-sections of magnet 2 x (16 - 12 AWG) coil at AWG cables single or multi-stranded		2 x (16 - 12 AWG)

temperature of the conductor at magnet coil maximum	75 °C
permissible	
material of the conductor at magnet coil	CU
type of electrical connection for auxiliary contacts	screw-type terminals
tightening torque [lbf·in] at contactor for auxiliary contacts	10 15 lbf·in
type of connectable conductor cross-sections at contactor at AWG cables for auxiliary contacts single or multi-stranded	1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG)
temperature of the conductor at contactor for auxiliary contacts maximum permissible	75 °C
material of the conductor at contactor for auxiliary contacts	CU
type of electrical connection at overload relay for auxiliary contacts	screw-type terminals
tightening torque [lbf·in] at overload relay for auxiliary contacts	7 10 lbf·in
type of connectable conductor cross-sections at overload relay at AWG cables for auxiliary contacts single or multi-stranded	2 x (20 - 14 AWG)
temperature of the conductor at overload relay for auxiliary contacts maximum permissible	75 °C
material of the conductor at overload relay for auxiliary contacts	CU
Short-circuit current rating	
design of the fuse link for short-circuit protection of the main circuit required	10kA@600V (Class H or K); 100kA@600V (Class R or J)
design of the short-circuit trip	Thermal magnetic circuit breaker
breaking capacity maximum short-circuit current (Icu)	
• at 240 V	14 kA
• at 480 V	10 kA
• at 600 V	10 kA
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No.14
Further information	

Industrial Controls - Product Overview (Catalogs, Brochures,...)

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:14BUB32AL

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:14BUB32AL

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:14BUB32AL&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:14BUB32AL/certificate

last modified: 11/29/2021 ☑