## SIEMENS

## Data sheet

## US2:32CUBB92B2V2A



2-speed 3-phase motor starter Size 0 One winding consequent pole Constant or variable torque Solid-state overload relays Low SPD OLR range 0.75-3.4A High SPD OLR range 0.75-3.4A 110-120/220-240VAC 60HZ coil Combination type 30Amp disconnect switch Enclosure NEMA type 1 Indoor general purpose use

product brand name	Class 32
design of the product	Full-voltage two speed motor starter with non-fusible disconnect
special product feature	ESP200 overload relay; Dual voltage coil
General technical data	
weight [lb]	52 lb
Height x Width x Depth [in]	24 × 20 × 8 in
touch protection against electrical shock	NA for enclosed products
installation altitude [ft] at height above sea level maximum	6560 ft
ambient temperature [°F]	
during storage	-22 +149 °F
during operation	-4 +104 °F
ambient temperature	
during storage	-30 +65 °C
during operation	-20 +40 °C
country of origin	USA
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 0
number of NO contacts for main contacts	6
operating voltage for main current circuit at AC at 60 Hz maximum	600 V
operational current at AC at 600 V rated value	18 A
mechanical service life (operating cycles) of the main contacts typical	1000000
Auxiliary contact	
number of NC contacts at contactor for auxiliary contacts	2
number of NO contacts at contactor for auxiliary contacts	2
number of total auxiliary contacts maximum	8
contact rating of auxiliary contacts of contactor according to UL	10A@600VAC (A600), 5A@600VDC (P600)
Coil	
type of voltage of the control supply voltage	AC
control supply voltage	
• at AC at 60 Hz rated value	110 240 V
holding power at AC minimum	8.6 W
apparent pick-up power of magnet coil at AC	218 VA
apparent holding power of magnet coil at AC	25 VA

respectation         50 %           Order documents         50 %           Order documents         50 %           Order documents         10 . 24 ms           Order documents         10 . 24 ms           Order documents         Yes           exclusion protection         Yes           expand failure doctorian         Yes           adjustable current respons value current of overload relay         0.75 – 3.4 Å           of righ rotational speed         0.75 – 3.4 Å           product failure protective carging on printed-dravit back         1.0           protation failure protective carging on printed-dravit back         1.0           operation in AC rated value         000 V     <	operating range factor control supply voltage rated value of	0.85 1.1
voltage         19         20 ms           OFF-day line         10         24 ms           Product function         Yes           • eventidad protection         Yes           • set function         Yes           • eventidad protection         Yes           rest function         Protection           of protection setup         0.75 34 A           • for high rotational speed         0.75 34 A           • or high rotational speed         0.75 34 A           • or high rotational speed         0.75 34 A           • or high rotation an event of vortidad relay         1           • arch Co all do Co V         5 A           • arch Co all do Co V         5 A           • arch Co all do Co V         5 A           • arch Co all do Co V	· · · · ·	
OFF-doiny the     1024 ms       Overload protection     Yes       • overload protection     Yes       • overload protection     Yes       • optime failure detection     Yes       • of the violational speed     0.7534 Å       0.7534 Å     0.7534 Å       product failure protective coaling on printed-circuit board     1       number of NC contacks of auxillary contacks of overload relay     1       number of NC contacks of auxillary contacks of overload relay     1       • optical failure detaction of AC raided value     900 V       • optical failure detaction of AC raided value     900 V       • optical failure detaction of AC raided value     900 V       • optical failure detaction of auxillary contacts of overload relay     5.0.       • optical failure detaction of auxillary contacts of overload relay     900 V <td< td=""><td></td><td>50 %</td></td<>		50 %
Overlast function         Yes           • evential production         Yes           • evential production         Yes           • evential production         Yes           • evential telection         Yes           • evential telection         Yes           • evential reset         Yes           • evential reset         Yes           • evential reset         Yes           • of row rotational speed         0.75	ON-delay time	19 29 ms
protection     Yes       • overload protection     Yes       • symmetry detection     Yes       • symmetry detection     Yes       • symmetry detection     Yes       • external seed     Yes       • external seed     Yes       • external seed     Yes       • external seed     Yes       • for high rotational speed     0.75 3.4 A       • for high rotational speed     0.75 3.4 A       • for high rotational speed     0.75 3.4 A       propuls the at phase loss maximum     3.8       relative regular sociatis of success maximum     3.8       relative regular sociatis of success rotatis of overload relay     1       unmeter of NC contacts of success of overload relay     1       oparational correct of auxiliary contacts of overload relay     1       • at DC at 250 V     1.A       Cattact rating of auxiliary contacts of overload relay according to paration at AC rated value     800 V       • with multi-phase operation at AC rated value     800 V       • with multi-phase operation at AC rated value     800 V       • with multi-phase operation at AC rated value     800 V       • with multi-phase operation at AC rated value     800 V       • with multi-phase operation at AC rated value     800 V       • with multi-phase operation at AC rated value     800 V	OFF-delay time	10 24 ms
• vertical protoction     Yes       • inplase failur detection     Yes       • argumetry detection     Yes       • interfinction     Yes       • exist matchin     Menual, automatic and remote       reset function     Menual, automatic and remote       fip data     CLASS 57 10 / 20 (factory set) / 30       adjustable corrent response value current of overfaod relay     0.75 34 A       • for righ rotational speed     0.75 34 A       • product feature protective coaling on printed-circuit bat     Yes       • and to right rotational speed     0.75 34 A       • or right rotational speed     0.75 34 A       • or right rotational speed     0.75 34 A       • or right rotational speed     9.75 34 A       • or right rotational or availiary contacts of overload relay     1       • or right rotational or availiary contacts of overload relay     1       • or right rating of auxiliary contacts of overload relay according to     1.6       • or right rating of auxiliary contacts of overload relay according to     1.6       • or right rating of auxiliary contacts of overload relay according to     0.0 V       • or right rating of auxiliary contacts of overload relay	Overload relay	
Prise failure detectionYes• signanely detectionYes• esternal fault detectionYes• esternal resetYes• esternal resetYes• for functionManual, automatic and remotein for low rotational speed0.75 3.4 A• for functional science1• for functional science1• for functional science1• for functional science1• for functional science5 A• at C at 250 V5 A </td <td>product function</td> <td></td>	product function	
	<ul> <li>overload protection</li> </ul>	Yes
	<ul> <li>phase failure detection</li> </ul>	Yes
	<ul> <li>asymmetry detection</li> </ul>	Yes
• external reset         Yes           reset function         Manual, automatic and remote         in picolass           adjustable current of overload relay         0.75 3.4 A           • for high rotational speed         1           • number of NC contacts of auxiliary contacts of overload relay         1           • at A C at 250 V         5 A           • at D C at 250 V         1 A           contact rating of auxiliary contacts of overload relay according to         5 A           • with snighe phase operation at AC rated value         600 V           • with snighe phase operation at AC rated value         900 V           Disconnect SWethO         900 V           Terestore         900 V           design of the housing         non-fusible           Particle Cases on the fusition         non-fusible           Terestore <td< td=""><td><ul> <li>ground fault detection</li> </ul></td><td>Yes</td></td<>	<ul> <li>ground fault detection</li> </ul>	Yes
reset function       Manual, automatic and remote         trip class       CLASS 5/10 / 20 (factory set) / 30         adjustable current response value current of overfoad relay       0.75 3.4 A         • for high rotational speed       0.75 3.4 A         • for high rotational speed       0.75 3.4 A         impaing time at phase-loss maximum       3 s         relative repeat accuracy       1 %         product feature protective coaling on printed-circuit board       Yes         number of NC contracts of availiary contracts of overload relay       1         operational current of auxiliary contracts of overload relay       1         operational current of auxiliary contracts of overload relay       5 A         • at AC at 600 V       5 A         • at AC at 20 V       1 A         contract rating of auxiliary contracts of overload relay       5 AQ(600VAC (8800), 1.4Q(250VDC (R300))         uit       uit accurrent of availary contracts of overload relay       5 A         • with multi-phase operation at AC rated value       300 V         Disconnects       904 V       5 A         etable of switch disconnector       30A / 600V         etable of the housing       Indoors, usable on a general basis         Mountingswitching       mountrusible         method       Su	test function	Yes
trip class         CLASS 5 / 10 / 20 (factory set) / 30           adjustable current response value current of overfoad relay         0.75 3.4 A           • for high rotational speed         0.75 3.4 A           tipping time at phase-loss maximum         3 s           reletive repeat accuracy         1%           product texture protective coating on printed-circuit board         Yes           number of NC contacts of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay         5 A           • at DC at 250 V         1 A           contact rating of auxiliary contacts of overload relay according to         5.4           isubtion voltage (UI)         • with single-phase operation at AC rated value         600 V           Soconnect Switch         900 V         900 V           resultario voltage of fuels holder         non-fusible           operating class of the fuels link         non-fusible           decign of the housing         Indoors, usable on a general bas	external reset	Yes
adjustable current response value current of overload relay       0.75 3.4 A         • for high rotational speed       0.75 3.4 A         • for high rotation and speed       1         • product fasture protective coding on printed-circuit board       Yes         • number of NC contacts of auxiliary contacts of overload relay       1         • at AC at 800 V       5 A         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       800 V         • eargonse value of switch disconnector       90A/ 600V         • eargonse value of switch disconnector<	reset function	Manual, automatic and remote
for low rotational speed         0.75 - 3.4 A         0.75 - 3.4 A	trip class	CLASS 5 / 10 / 20 (factory set) / 30
	adjustable current response value current of overload relay	
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       1         ent DC contacts of auxiliary contacts of overload relay       1         ent DC at 250 V       5 A         ent DC at 250 V       5 A         contact rating of auxiliary contacts of overload relay according to       5 A@@000VAC (B600), 1A@250VDC (R300)         insulation voltage (U)       • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         featoring drase thefe       non-fusible         operating class of the fuse link       non-fusible         featoring method       Surface mounting and installation         type of the housing       indoors, usable on a general basis         Mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         ti	<ul> <li>for low rotational speed</li> </ul>	0.75 3.4 A
relative repeat accuracy     1 %       product feature protective coating on printed-circuit board     Yes       number of NC contacts of auxiliary contacts of overload relay     1       operational current of auxiliary contacts of overload relay     1       et A C at 600 V     5 A       et at DC at 250 V     1 A       contact rating of auxiliary contacts of overload relay according to     5 A       ut DC at 250 V     1 A       contact rating of auxiliary contacts of overload relay according to     5 A@@OUVAC (B600), 1 A@250 VDC (R300)       uinsulation voltage (U)     600 V       • with single-phase operation at AC rated value     600 V       • with mult-phase operation at AC rated value     600 V       • with mult-phase operation at AC rated value     900 V       Disconnect Switch     response value of switch disconnector       response value of switch disconnector     30A / 600 V       design of the housing     indon's usable on a general basis       Mounting witring     mounting ad installation       type of electrical connection for supply voltage line-side Box lug     1% (14 2 kWG)       type of electrical connection for supply voltage line-side for XWG cables ange on mult-stranded     20 24 lb/in       type of electrical connection for supply water for Side outgoing feeder     20 24 lb/in       type of electrical connection for load-side outgoing feeder     2	<ul> <li>for high rotational speed</li> </ul>	0.75 3.4 A
product feature protective coating on printed-circuit board         Yes           number of NC contacts of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay         5 A           • at AC at 600 V         5 A           • at C at 250 V         1 A           contact at any operation at AC rated value         600 V           • with single-phase operation at AC rated value         600 V           • with single-phase operation at AC rated value         600 V           design of these holder         onon-fusible           operating class of the fuse link         non-fusible           operating class of the fuse link         non-fusible           operating position         vertical           fastening method         Surface mounting and installation           type of electrical connection for supply voltage line-side for         75 °C           material of the conductor for load-side outgoing feeder         20	tripping time at phase-loss maximum	3 s
number of NC contacts of auxiliary contacts of overload relay       1         number of ND contacts of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       1         at AC at 600 V       5 A         • at DC at 250 V       1 A         Socontact rating of auxiliary contacts of overload relay according to U.       5 A         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         0 personse value of switch disconnector       30A / 600V         design of fuse holder       non-fusible         personse value of switch disconnector       30A / 600V         design of the housing       indoors, usable on a general basis         Mounting/wiring       wertical         fastening method       Surface mounting and installation         type of connectable conductor cross-sections at line-side for       1x (14 2 AWG)         AWG cables single or multi-stranded       Screw-type terminals         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       20	relative repeat accuracy	1 %
number of NO contacts of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       5 A         • at DC at 250 V       1 A         contacts rating of auxiliary contacts of overload relay according to U.L.       5 A         uit bit is the phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       7         response value of switch disconnector       300 A / 600V         design of the brusing       indoors, usable on a general basis         Mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side for       1x (14 2 AWG)         AVG cables single or multi-stranded       20 24 bit in         type of connectable conductor ross-sections at line-side for       1x (14 2 AWG)         Vype of connectable conductor ross-sections at line-side for       20 24 bit in         type of connectable conductor ross-sections for AWG cables       2x (14 10 AWG)         for load-side outgoing feeder       20 24 bit in         type of connectable conductor ross-sections for AWG cables       2x (14 10 AWG)	product feature protective coating on printed-circuit board	Yes
operational current of auxiliary contacts of overload relay       5 A         • at DC at 250 V       5 A         • at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay according to UL.       5A@600VAC (B600), 1A@250VDC (R300)         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • esponse value of switch disconnector       30A / 600V         response value of switch disconnector       30A / 600V         geargin of fuse holder       non-fusible         portage facts of the fuse link       non-fusible         Enclosure       indoors, usable on a general basis         Mounting/wring       mounting position         vertical       fastening method         type of electrical connection for supply voltage line-side       Box lug         type of connectable conductor for supply voltage line-side for       1x (14 2 AWG)         AWC cables single or multi-stranded       Screw-type terminals         tightening torque [lbf-in] for load-side outgoing feeder       20 24 lbf-in         type of electrical connection for load-side outgoing feeder       20 24 lbf-in         type of electrical connection for load-side outgoing feeder <td< td=""><td>number of NC contacts of auxiliary contacts of overload relay</td><td>1</td></td<>	number of NC contacts of auxiliary contacts of overload relay	1
• at AC at 600 V         5 A           • at DC at 250 V         1A           contact rating of auxiliary contacts of overload relay according to         5A@600VAC (B600), 1A@250VDC (R300)           u.L.         insultator voltage (UI)         600 V           • with multi-phase operation at AC rated value         600 V           • with multi-phase operation at AC rated value         300 V           Disconnect Switch         7           response value of switch disconnector         30A / 600V           design of fuse holder         non-fusible           operating class of the fuse link         non-fusible           enclosuro         600 V           design of the housing         indoors, usable on a general basis           Mounting position         vertical           fastening method         Surface mounting and installation           type of electrical connection for supply voltage line-side         Box lug           tightening torque [Ibrin] for supply         35 35 Ibrin           type of electrical connection for supply maximum permissible         75 °C           material of the conductor for supply maximum permissible         2x (14 10 AWG)           type of electrical connection for load-side outgoing feeder         20 24 Ibrin           type of electrical connection for load-side outgoing feeder		1
• at DC at 250 V         1 A           contact rating of auxiliary contacts of overload relay according to UL         5A@600VAC (B600), 1A@250VDC (R300)           insulation voltage (U)         • with single-phase operation at AC rated value         600 V           • with single-phase operation at AC rated value         300 V           Disconnect Switch         30A / 600V           design of this booker         30A / 600V           operating class of the fuse link         non-fusible           operating class of the fuse link         non-fusible           design of this booking         indoors, usable on a general basis           Mounting/wring         wetrical           mounting position         vertical           fastening method         Surface mounting and installation           type of electrical connection for supply voltage line-side         Box lug           tightening torque [lbf-in] for supply         35 35 lbF in           type of electrical connection for torad-side outgoing feeder         20 24 lbF in           type of electrical connection for load-side outgoing feeder         20 24 lbF in           type of electrical connection for load-side outgoing feeder         2x (14 10 AWG)           for load-side outgoing feeder         CU           type of electrical connection for load-side outgoing feeder         CU <td>operational current of auxiliary contacts of overload relay</td> <td></td>	operational current of auxiliary contacts of overload relay	
contact rating of auxiliary contacts of overload relay according to UL.       5A@600VAC (B600), 1A@250VDC (R300)         insultation voltage (Ui)       600 V         • with single-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       600 V         Disconnect Switch       900 V         response value of switch disconnector       30A / 600V         design of fuse holder       non-fusible         operating class of the fuse link       non-fusible <b>Enclosure</b> edsign of the housing       indoors, usable on a general basis         Mounting voiring       wertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         fightening torque [lbf*in] for supply       st	• at AC at 600 V	5 A
UL       insulation voltage (Ui)         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       7         response value of switch disconnector       30A / 600V         operating class of the fuse link       non-fusible         operating class of the fuse link       non-fusible         Enclosure       6         design of the housing       indoors, usable on a general basis         Mounting/wiring       7         mounting position       vertical         fastening method       Surface mounting and installation         type of connectable conductor cross-sections at line-side for 1x (14 2 AWG)         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 load-side outgoing feeder       20 24 Jet Jrin         type of electrical connection for load-side outgoing feeder       20 24 Jet Jrin         type of connectable conductor cross-sections for AWG cables       2x (14 10 AWG)         for load-side outgoing feeder       20 24 Jet Jrin         type of electrical connection for load-side outgoing feeder       20 24 Jet Jrin         type of connectable conductor c	• at DC at 250 V	1 A
• with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       30A / 600V         design of fuse holder       non-fusible         operating class of the fuse link       non-fusible         Enclosure		5A@600VAC (B600), 1A@250VDC (R300)
• with multi-phase operation at AC rated value         300 V           Disconnect Switch	insulation voltage (Ui)	
Disconnect Switch           response value of switch disconnector         30A / 600V           design of fuse holder         non-fusible           operating class of the fuse link         non-fusible           Enclosure	<ul> <li>with single-phase operation at AC rated value</li> </ul>	600 V
response value of switch disconnector       30A / 600V         design of fuse holder       non-fusible         operating class of the fuse link       non-fusible         Enclosure       indoors, usable on a general basis         Mounting/wiring       indoors, usable on a general basis         Mounting/wiring       surface mounting and installation         Iype of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       35 35 lbf-in         type of connectable conductor cross-sections at line-side for       1x (14 2 AWG)         AWG cables single or multi-stranded       5crew-type terminals         temperature of the conductor for supply       AL or CU         type of connectable conductor cross-sections for AWG cables       2x (14 10 AWG)         for load-side outgoing feeder       2x (14 10 AWG)         tightening torque [lbf-in] at magnet coil       5 21 lbf-in         type of electrical connection of nead-side outgoing feeder       2x (14 10 AWG)         tightening torque [lbf-in] at magnet coil       5 21 lbf-in         type of electrical connection of magnet coil       5 21 lbf-in         type of electrical connection of magnet coil for       2x (16 12 AWG)         AWG cables single or mult-stranded       5 12 lbf-in <td><ul> <li>with multi-phase operation at AC rated value</li> </ul></td> <td>300 V</td>	<ul> <li>with multi-phase operation at AC rated value</li> </ul>	300 V
design of fuse holder       non-fusible         operating class of the fuse link       non-fusible         Enclosure	Disconnect Switch	
operating class of the fuse link         non-fusible           Enclosure         indoors, usable on a general basis           Mounting/wiring         indoors, usable on a general basis           mounting position         vertical           fastening method         Surface mounting and installation           type of electrical connection for supply voltage line-side         Box lug           tightening torque [lbf-in] for supply         35 35 lbf-in           type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded         1x (14 2 AWG)           temperature of the conductor for supply maximum permissible         75 °C           material of the conductor ron supply maximum permissible         2x (14 10 AWG)           type of connectable conductor ron load-side outgoing feeder         20 24 lbf-in           type of connectable conductor for load-side outgoing feeder         2x (14 10 AWG)           type of electrical connection for load-side outgoing feeder         75 °C           material of the conductor for load-side outgoing feeder         CU           type of electrical connectable conductor for supply feeder         2x (14 10 AWG)           tightening torque [lbf-in] tor load-side outgoing feeder         CU           type of electrical connectable conductor for load-side outgoing feeder         CU           type of electrical connection	response value of switch disconnector	30A / 600V
Enclosure         design of the housing       indoors, usable on a general basis         Mounting/wiring	design of fuse holder	non-fusible
design of the housing       indoors, usable on a general basis         Mounting/wiring       mounting position         restering method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       35 35 lbf-in         type of connectable conductor cross-sections at line-side for       1x (14 2 AWG)         AWG cables single or multi-stranded       Tx (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       20 24 lbf-in         type of electrical connection for load-side outgoing feeder       2x (14 10 AWG)         for load-side outgoing feeder single or multi-stranded       75 °C         temperature of the conductor for load-side outgoing feeder       2x (14 10 AWG)         for load-side outgoing feeder single or multi-stranded       75 °C         temperature of the conductor for load-side outgoing feeder       CU         type of electrical connection of magnet coil       Screw-type terminals         tightening torque [lbf-in] ta magnet coil       5 12 lbf-in         type of connectable conductor ros-sectons of magnet coil for AWG cables single or multi-stranded       2x (16 12 AWG)	operating class of the fuse link	non-fusible
Mounting/wiring         vertical           mounting position         vertical           fastening method         Surface mounting and installation           type of electrical connection for supply voltage line-side         Box lug           tightening torque [lbf:in] for supply         35 35 lbf-in           type of connectable conductor cross-sections at line-side for 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 load-side outgoing feeder         Screw-type terminals           tightening torque [lbf in] for load-side outgoing feeder         20 24 lbf-in           type of connectable conductor for load-side outgoing feeder         2x (14 10 AWG)           temperature of the conductor for load-side outgoing feeder         75 °C           material of the conductor for load-side outgoing feeder         2x (14 10 AWG)           temperature of the conductor for load-side outgoing feeder         75 °C           material of the conductor for load-side outgoing feeder         75 °C           material of the conductor for load-side outgoing feeder         75 °C           material of the conductor for load-side outgoing feeder         75 °C           material of the conductor cons-sections of magnet coil         5 crew-type terminals           tightening torque	Enclosure	
mounting position         vertical           fastening method         Surface mounting and installation           type of electrical connection for supply voltage line-side         Box lug           tightening torque [lbf-in] for supply         35 35 lbf-in           type of connectable conductor cross-sections at line-side for 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 load-side outgoing feeder         Screw-type terminals           type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder solge or multi-stranded         2x (14 10 AWG)           temperature of the conductor for load-side outgoing feeder         2x (14 10 AWG)           type of electrical connection for load-side outgoing feeder         75 °C           material of the conductor for load-side outgoing feeder         2x (14 10 AWG)           temperature of the conductor for load-side outgoing feeder         75 °C           material of the conductor for load-side outgoing feeder         2x (14 10 AWG)           temperature of the conductor for load-side outgoing feeder         75 °C           material of the conductor for load-side outgoing feeder         2x (14 10 AWG)           type of electrical connection of magnet coil         5 crew-type terminals           tightening torque	design of the housing	indoors, usable on a general basis
fastening methodSurface mounting and installationtype of electrical connection for supply voltage line-sideBox lugtightening torque [lbf-in] for supply35 35 lbf-intype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded1x (14 2 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for load-side outgoing feederScrew-type terminalstightening torque [lbf-in] for load-side outgoing feeder20 24 lbf-intype of electrical connection for load-side outgoing feeder2x (14 10 AWG)temperature of the conductor for load-side outgoing feeder2x (14 10 AWG)temperature of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connection for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coil5 12 lbf-intightening torque [lbf-in] at magnet coil5 12 lbf-intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (16 12 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil5 °Ctightening torque [lbf-in] at conductor of maximum permissible75 °Ctup of electrical connection at contactor for auxiliary contactsScrew-type terminals	Mounting/wiring	
type of electrical connection for supply voltage line-sideBox lugtightening torque [lbf-in] for supply35 35 lbf-intype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded1x (14 2 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf-in] for load-side outgoing feeder20 24 lbf-intype of connectable conductor for load-side outgoing feeder2x (14 10 AWG)temperature of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder75 °Ctemperature of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coil5 12 lbf-intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (16 12 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil maximum permissible75 °Ctemperature of the conductor at magnet coil maximum permissible75 °Ctype of electrical connection at magnet coil maximum permissible75 °Ctype of electrical connection at magnet coil maximum 	Mounting/wining	
tightening torque [lbf:in] for supply35 35 lbf:intype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded1x (14 2 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf:in] for load-side outgoing feeder20 24 lbf:intype of connectable conductor for load-side outgoing feeder2x (14 10 AWG)temperature of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder2x (14 10 AWG)temperature of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder2x (14 10 AWG)tightening torque [lbf:in] at magnet coil5 12 lbf-intype of connectable conductor cross-sections of magnet coil5 12 lbf-intype of connectable conductor at magnet coil maximum75 °Cmaterial of the conductor at magnet coil maximum75 °Ctemperature of the conductor at magnet coil maximum75 °Ctemperature of the conductor at magnet coil maximum75 °Cmaterial of the conductor at magnet coil maximum75 °Ctemperature		vertical
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded1x (14 2 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf-in] for load-side outgoing feeder20 24 lbf-intype of connectable conductor for load-side outgoing feeder20 24 lbf-intype of connectable conductor for load-side outgoing feeder2x (14 10 AWG)for load-side outgoing feeder single or multi-stranded75 °Cmaterial of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil5 12 lbf-intype of connectable conductor at magnet coil for2x (16 12 AWG)AWG cables single or multi-stranded75 °Ctemperature of the conductor at magnet coil maximum permissible75 °Ctemperature of the conductor at magnet coil	mounting position	
ÁWG cables single or multi-stranded         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 for AWG cables for load-side outgoing feeder single or multi-stranded       2x (14 10 AWG)         temperature of the conductor for load-side outgoing feeder maximum permissible       75 °C         material of the conductor for load-side outgoing feeder maximum permissible       75 °C         material of the conductor for load-side outgoing feeder maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       75 °C         tightening torque [lbf-in] at magnet coil       Screw-type terminals         tightening torque [lbf-in] at magnet coil       Screw-type terminals         tightening torque [lbf-in] at magnet coil       5 12 lbf-in         type of connectable conductor at magnet coil for 2x (16 12 AWG)       2x (16 12 AWG)         temperature of the conductor at magnet coil maximum permissible       75 °C         material of the conductor at magnet coil maximum permissible       75 °C <td>mounting position fastening method</td> <td>Surface mounting and installation</td>	mounting position fastening method	Surface mounting and installation
material of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf-in] for load-side outgoing feeder20 24 lbf-intype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded2x (14 10 AWG)temperature of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil5 12 lbf-intype of connectable conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil for AWG cables single or multi-stranded2x (16 12 AWG)temperature of the conductor at magnet coil maximum 	mounting position fastening method type of electrical connection for supply voltage line-side	Surface mounting and installation Box lug
type of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf-in] for load-side outgoing feeder20 24 lbf-intype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded2x (14 10 AWG)temperature of the conductor for load-side outgoing feeder material of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder type of electrical connection of magnet coilCUtype of connectable conductor cross-sections of magnet coil5 12 lbf-intype of connectable conductor at magnet coil maximum permissible75 °Ctemperature of the conductor at magnet coil maximum permissible75 °Ctemperature of the conductor at magnet coil maximum permissible5 12 lbf-intype of electrical connection at contactor for auxiliary contactsCU	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	Surface mounting and installation Box lug 35 35 lbf-in
tightening torque [lbf in] for load-side outgoing feeder20 24 lbf intype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded2x (14 10 AWG)temperature of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf in] at magnet coil5 12 lbf intype of connectable conductor at magnet coil maximum75 °Ctemperature of the conductor at magnet coil for AWG cables single or multi-stranded2x (16 12 AWG)temperature of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminals	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	Surface mounting and installation Box lug 35 35 lbf·in 1x (14 2 AWG)
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded2x (14 10 AWG)temperature of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf·in] at magnet coil5 12 lbf·intype of connectable conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil maximum permissible75 °Ctemperature of the conductor for load-side outgoing feeder5 12 lbf·intype of connectable conductor at magnet coil maximum permissible75 °Ctemperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil5 12 lbf·intype of electrical connection at contactor for auxiliary contactsCU	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	Surface mounting and installation Box lug 35 35 lbf-in 1x (14 2 AWG) 75 °C
for load-side outgoing feeder single or multi-strandedtemperature of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil5 12 lbf-intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (16 12 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil coil coil connection at contactor for auxiliary contactsCU	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         material of the conductor for supply	Surface mounting and installation Box lug 35 35 lbf-in 1x (14 2 AWG) 75 °C AL or CU
maximum permissibleCUmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil5 12 lbf-intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (16 12 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminals	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	Surface mounting and installation Box lug 35 35 lbf-in 1x (14 2 AWG) 75 °C AL or CU Screw-type terminals
material of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil5 12 lbf-intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (16 12 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminals	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	Surface mounting and installation Box lug 35 35 lbf-in 1x (14 2 AWG) 75 °C AL or CU Screw-type terminals 20 24 lbf-in
type of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil5 12 lbf-intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (16 12 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminals	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         type of connectable conductor cross-sections for AWG cables         for load-side outgoing feeder single or multi-stranded         temperature of the conductor for load-side outgoing feeder	Surface mounting and installation Box lug 35 35 lbf-in 1x (14 2 AWG) 75 °C AL or CU Screw-type terminals 20 24 lbf-in 2x (14 10 AWG)
tightening torque [lbf-in] at magnet coil       5 12 lbf-in         type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded       2x (16 12 AWG)         temperature of the conductor at magnet coil maximum permissible       75 °C         material of the conductor at magnet coil       CU         type of electrical connection at contactor for auxiliary contacts       Screw-type terminals	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         type of connectable conductor for supply         type of electrical connection for load-side outgoing feeder         tightening torque [lbf·in] for load-side outgoing feeder         type of connectable conductor cross-sections for AWG cables         for load-side outgoing feeder single or multi-stranded         temperature of the conductor for load-side outgoing feeder         maximum permissible	Surface mounting and installation Box lug 35 35 lbf-in 1x (14 2 AWG) 75 °C AL or CU Screw-type terminals 20 24 lbf-in 2x (14 10 AWG) 75 °C
type of connectable conductor cross-sections of magnet coil for       2x (16 12 AWG)         AWG cables single or multi-stranded       2x (16 12 AWG)         temperature of the conductor at magnet coil maximum       75 °C         permissible       CU         type of electrical connection at contactor for auxiliary contacts       Screw-type terminals	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         type of connectable conductor for supple or multi-stranded         temperature of the conductor for load-side outgoing feeder         type of connectable conductor cross-sections for AWG cables         for load-side outgoing feeder single or multi-stranded         temperature of the conductor for load-side outgoing feeder         maximum permissible         material of the conductor for load-side outgoing feeder	Surface mounting and installation Box lug 35 35 lbf-in 1x (14 2 AWG) 75 °C AL or CU Screw-type terminals 20 24 lbf-in 2x (14 10 AWG) 75 °C CU
temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminals	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         type of connectable conductor for load-side outgoing feeder         type of connectable conductor for load-side outgoing feeder         type of connectable conductor for load-side outgoing feeder         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         type of electrical connection of magnet coil	Surface mounting and installation Box lug 35 35 lbf-in 1x (14 2 AWG) 75 °C AL or CU Screw-type terminals 20 24 lbf-in 2x (14 10 AWG) 75 °C CU Screw-type terminals
type of electrical connection at contactor for auxiliary contacts Screw-type terminals	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         type of cload-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         tightening torque [lbf-in] at magnet coil         type of connectable conductor cross-sections of magnet coil for	Surface mounting and installation Box lug 35 35 lbf-in 1x (14 2 AWG) 75 °C AL or CU Screw-type terminals 20 24 lbf-in 2x (14 10 AWG) 75 °C CU Screw-type terminals 5 12 lbf-in
type of electrical connection at contactor for auxiliary contacts Screw-type terminals	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         type of electrical connection of 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         tightening torque [lbf-in] at magnet coil         type of connectable conductor cross-sections of magnet coil for         AWG cables single or multi-stranded         temperature of the conductor at magnet coil maximum	Surface mounting and installation Box lug 35 35 lbf-in 1x (14 2 AWG) 75 °C AL or CU Screw-type terminals 20 24 lbf-in 2x (14 10 AWG) 75 °C CU Screw-type terminals 5 12 lbf-in 2x (16 12 AWG)
tightening torque [lbf.in] at contactor for auxiliary contacts 10, 15 lbf.in	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         type of connectable conductor for load-side outgoing feeder         type of connectable 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         tightening torque [lbf-in] at magnet coil         type of connectable conductor cross-sections of magnet coil for         AWG cables single or multi-stranded         temperature of the conductor at magnet coil maximum         permissible	Surface mounting and installation Box lug 35 35 lbf-in 1x (14 2 AWG) 75 °C AL or CU Screw-type terminals 20 24 lbf-in 2x (14 10 AWG) 75 °C CU Screw-type terminals 5 12 lbf-in 2x (16 12 AWG) 75 °C
tightening torque [lbf-in] at contactor for auxiliary contacts 10 15 lbf-in	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         type of connectable conductor for load-side outgoing feeder         type of connectable 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         tightening torque [lbf-in] at magnet coil         type of connectable conductor cross-sections of magnet coil for         AWG cables single or multi-stranded         temperature of the conductor at magnet coil maximum         permissible         material of the conductor at magnet coil	Surface mounting and installation         Box lug         35 35 lbf-in         1x (14 2 AWG)         75 °C         AL or CU         Screw-type terminals         20 24 lbf-in         2x (14 10 AWG)         75 °C         CU         Screw-type terminals         5 12 lbf-in         2x (16 12 AWG)         75 °C         CU         Screw-type terminals         5 12 lbf-in         2x (16 12 AWG)         75 °C         CU

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

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=US2:32CUBB92B2V2A

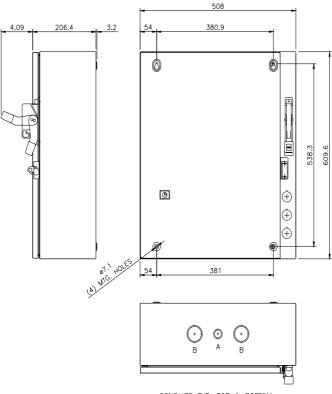
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/US/en/ps/US2:32CUBB92

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:32CUBB92B2V2A&lang=en

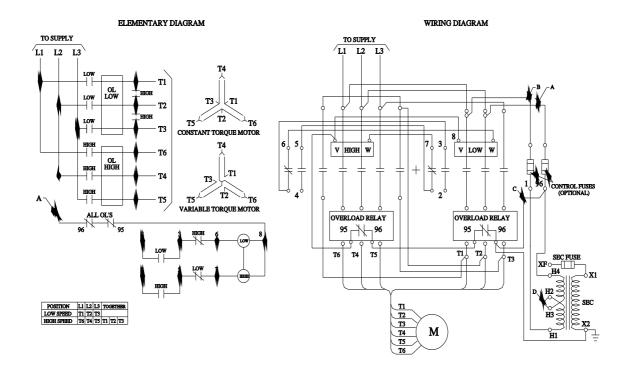
Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:32CUBB92B2V2A/certificate



CONDUITS TYP. TOP & BOTTOM

LETTER	CONDUIT SIZE
	ø12.7 & ø19 CONDUIT
В	ø31.8 & ø38.1 CONDUIT



D46590004

last modified:

1/25/2022 🖸