## **SIEMENS**

Data sheet US2:30CUBB32A2VF



Figure similar

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 110V 50HZ / 120V 60HZ coil Enclosure NEMA type (open) No enclosure

design of the product special product feature ESP200 overload relay     Sepecial product feature   ESP200 overload relay	product brand name	Class 30
Weight [b] 8 lb Height x Width x Depth [in] 7.69 x 10.5 x 3.92 in touch protection against electrical shock Not finger-safe installation altitude [ft] at height above sea level maximum ambient temperature [*F] • during storage • during operation -4 +104 *F  ambient temperature • during storage • during operation -20 +65 °C country of origin Mexico  Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 20 contactor size of contactor rumber of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value mechanical service life (switching cycles) of the main contacts typical number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum sontact rating of auxiliary contacts for contacts maximum sontact rating of auxiliary contacts for contacts maximum sontact rating of auxiliary contacts for contacts for contacts maximum sontact rating of auxiliary contacts for contacts and contactor for auxiliary contacts sontact rating of auxiliary contacts for contacts according	design of the product	Full-voltage two speed motor starter
Height x Width x Depth [in]   7.69 × 10.5 × 3.92 in     touch protection against electrical shock   Not finger-safe     installation altitude [fi] at height above sea level maximum     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 460/480 V rated value   1.5 hp     • at 460/480 V rated value   2. hp     • at 575/600 V rated value   2. hp     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     operational current at AC at 600 V rated value   18 A     mechanical service life (switching cycles) of the main contacts typical     Auxiliary contact rumber of NO contacts at contactor for auxiliary contacts     number of NO contacts at contactor for auxiliary contacts   2     number of NO contacts at contactor for auxiliary contacts   2     number of NO 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 maximum   10A@600VAC (A600), 5A@600VDC (P600)	special product feature	ESP200 overload relay
Height x Width x Depth [in]  touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature [°F]  during storage during operation -4 +104 °F  during storage during operation -20 +40 °C  country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor at 1575/600 V rated value at 575/600 V rated value contactor  size of contactor number of NO contacts for main contacts operating value performatic are rounded and contacts of contacts typical  Auxiliary contact number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts for main contacts of contactor maximum  100,5 hp 0.5 hp 0.6 hp 0.7 hp 0.7 hp 0.8 hp 0.7 hp 0.8 hp 0.7 hp 0.8 hp 0.7 hp 0.8 hp 0.9 hp	General technical data	
touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature [°F] • during storage • during operation -4 +104 °F  ambient temperature • during storage • during operation -20 +40 °C  country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contacts rating of auxiliary contacts of contactor according 10A@600VAC (A600), 5A@600VDC (P600)	weight [lb]	8 lb
installation altitude [ft] at height above sea level maximum ambient temperature [°F] • during storage • during operation ambient temperature • during storage • during storage • during storage • during operation -20 +40 °F  • during operation -20 +65 °C -20 +40 °C  country of origin  Mexico  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value 2 hp  Contactor  size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum accontact rating of auxiliary contacts of contactor according location temperature  -22 +149 °F -4 +104 °F -4	Height x Width x Depth [in]	7.69 × 10.5 × 3.92 in
ambient temperature [°F]  • during storage  • during operation  ambient temperature  • during storage  • during operation  country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • at 220/230 V rated value  • at 460/480 V rated value  • at 460/480 V rated value  • at 575/600 V rated value  • at 675/600 V rated value  2 hp  Contactor  size of contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  8 contact rating of auxiliary contacts of contactor according 10A@600VAC (A600), 5A@600VDC (P600)	touch protection against electrical shock	Not finger-safe
• during storage • during operation ambient temperature • during storage • during operation • during storage • during operation • during operation • during operation • during operation • 20 +40 °C  country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 220/230 V rated value • at 675/600 V rated value • at 675/600 V rated value  Contactor  size of contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  nechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum econtact rating of auxiliary contacts of contactor according  10A@600VAC (A600), 5A@600VDC (P600)	installation altitude [ft] at height above sea level maximum	6560 ft
• during operation     ambient temperature     • during storage     • during operation     -20 +65 °C     -20 +40 °C     country of origin     Mexico  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor     • at 200/208 V rated value     • at 220/230 V rated value     • at 460/480 V rated value     • at 575/600 V rated value     • at 575/600 V rated value     • at 575/600 V rated value     • at 9 bp  Contactor  size of contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum     8 contact rating of auxiliary contacts of contactor according  10A@600VAC (A600), 5A@600VDC (P600)	ambient temperature [°F]	
ambient temperature  • during storage • during operation -20 +65 °C -20 +40 °C country of origin  Mexico  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value  1.5 hp  contactor  size of contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  a NEMA controller size 0  600 V  18 A  10000000  2 D  10000000  2 D  100000000000000000000000000000000000	<ul> <li>during storage</li> </ul>	-22 +149 °F
during storage     during operation     country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor     o at 200/208 V rated value     o at 220/230 V rated value     o at 460/480 V rated value     o at 575/600 V rated value     o at 575/600 V rated value     o at 575/600 V rated value     inumber of NO contacts for main contacts     operating voltage for main current circuit at AC at 60 Hz maximum     operational current at AC at 600 V rated value     rechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum     secondact rating of auxiliary contacts of contactor according     10A@600VAC (A600), 5A@600VDC (P600)	during operation	-4 +104 °F
during operation     country of origin     Mexico  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor      at 200/208 V rated value     at 220/230 V rated value     at 460/480 V rated value     at 575/600 V rated value  Size of contactor  size of contactor  number of NO contacts for main contacts     operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  secontact rating of auxiliary contacts of contactor according  10A@600VAC (A600), 5A@600VDC (P600)	ambient temperature	
country of origin  Mexico  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value  Contactor  size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contacts for ouxiliary contacts number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according 10A@600VAC (A600), 5A@600VDC (P600)	<ul> <li>during storage</li> </ul>	-30 +65 °C
yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value 2 hp  Contactor size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according 10A@600VAC (A600), 5A@600VDC (P600)	during operation	-20 +40 °C
yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value 2 hp  Contactor  size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according 10A@600VAC (A600), 5A@600VDC (P600)	country of origin	Mexico
motor	Horsepower ratings	
at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value 2 hp  Contactor  size of contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  18 A  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  8  contact rating of auxiliary contacts of contactor according  10A@600VAC (A600), 5A@600VDC (P600)		
<ul> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>2 hp</li> </ul> Contactor <ul> <li>size of contactor</li> <li>number of NO contacts for main contacts</li> <li>operating voltage for main current circuit at AC at 60 Hz maximum</li> <li>operational current at AC at 600 V rated value</li> <li>nechanical service life (switching cycles) of the main contacts typical</li> </ul> Auxiliary contact <ul> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of total auxiliary contacts maximum</li> <li>contact rating of auxiliary contacts of contactor according</li> <li>10A@600VAC (A600), 5A@600VDC (P600)</li> </ul>	<ul><li>at 200/208 V rated value</li></ul>	0.5 hp
at 575/600 V rated value      Contactor      size of contactor     number of NO contacts for main contacts     operating voltage for main current circuit at AC at 60 Hz     maximum     operational current at AC at 600 V rated value     operational service life (switching cycles) of the main     contacts typical  Auxiliary contact     number of NC contacts at contactor for auxiliary contacts     number of NO contacts at contactor for auxiliary contacts     number of total auxiliary contacts maximum     sontact rating of auxiliary contacts of contactor according  10A@600VAC (A600), 5A@600VDC (P600)	• at 220/230 V rated value	0.75 hp
size of contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  8  contact rating of auxiliary contacts of contactor according  NEMA controller size 0  6  600 V  18 A  10000000  2  10000000  2  100000000  100000000	• at 460/480 V rated value	1.5 hp
size of contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according  NEMA controller size 0  6  000 V  18 A  100000000  2  100000000  2  1000000000	<ul><li>at 575/600 V rated value</li></ul>	2 hp
number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according  10A@600VAC (A600), 5A@600VDC (P600)	Contactor	
operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according  600 V  18 A  10000000  2  10000000  2  100000000  2  100000000	size of contactor	NEMA controller size 0
maximum operational current at AC at 600 V rated value mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according  18 A  10000000  2  10000000  2  100000000  100000000	number of NO contacts for main contacts	6
mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according  10000000  2  10000000  2  100000000  100000000		600 V
contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according  10A@600VAC (A600), 5A@600VDC (P600)	operational current at AC at 600 V rated value	18 A
number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according  10A@600VAC (A600), 5A@600VDC (P600)	,	10000000
number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according  10A@600VAC (A600), 5A@600VDC (P600)	Auxiliary contact	
number of total auxiliary contacts maximum  8 contact rating of auxiliary contacts of contactor according 10A@600VAC (A600), 5A@600VDC (P600)	number of NC contacts at contactor for auxiliary contacts	2
contact rating of auxiliary contacts of contactor according 10A@600VAC (A600), 5A@600VDC (P600)	number of NO contacts at contactor for auxiliary contacts	2
	number of total auxiliary contacts maximum	8
		10A@600VAC (A600), 5A@600VDC (P600)
Coil	Coil	
type of voltage of the control supply voltage AC	type of voltage of the control supply voltage	AC
control supply voltage	control supply voltage	

at AC at 50 Hz rated value	110 V
at AC at 50 Hz rated value      at AC at 60 Hz rated value	110 V 120 V
holding power at AC minimum	8.6 W
apparent pick-up power of magnet coil at AC	218 VA
apparent holding power of magnet coil at AC	25 VA
operating range factor control supply voltage rated value of magnet coil	0.85 1.1
percental drop-out voltage of magnet coil related to the input voltage	50 %
ON-delay time	19 29 ms
OFF-delay time	10 24 ms
Overload relay	
product function	
overload protection	Yes
phase failure detection	Yes
asymmetry detection	Yes
ground fault detection	Yes
test function	Yes
external reset	No
reset function	Manual, automatic and remote
trip class	CLASS 5 / 10 / 20 (factory set) / 30
adjustable current response value current of overload relay	OLITOO OT TOT 20 (Idoloty Self) 700
for low rotational speed	0.75 3.4 A
for high rotational speed	0.75 3.4 A
tripping time at phase-loss maximum	3 s
	1%
relative repeat accuracy product feature protective coating on printed-circuit board	Yes
number of NC contacts of auxiliary contacts of overload	1
relay	
number of NO contacts of auxiliary contacts of overload relay	1
operational current of auxiliary contacts of overload relay	
• at AC at 600 V	5 A
• at DC at 250 V	1 A
contact rating of auxiliary contacts of overload relay according to UL	5A@600VAC (B600), 1A@250VDC (R300)
insulation voltage (Ui)	
with single-phase operation at AC rated value	600 V
with multi-phase operation at AC rated value	300 V
Enclosure	
	Onen device (no enclosure)
degree of protection NEMA rating	Open device (no enclosure)
Mounting/wiring	Vertical
mounting position	Vertical
fastening method	Surface mounting and installation
type of electrical connection for supply voltage line-side	Screw-type terminals
tightening torque [lbf-in] for supply  type of connectable conductor cross-sections at line-side	20 20 lbf·in 1x (14 2 AWG)
at AWG 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
	20 24 lbf-in
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- 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	CU
type of electrical connection of magnet coil	Screw-type terminals
tightening torque [lbf·in] at magnet coil	5 12 lbf·in

type of connectable conductor cross-sections of magnet coil at 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 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	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 at 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)
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=US2:30CUBB32A2VF

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

https://support.industry.siemens.com/cs/US/en/ps/US2:30CUBB32A2VF

 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$ 

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:30CUBB32A2VF&lang=en

Certificates/approvals
<a href="https://support.industry.siemens.com/cs/US/en/ps/US2:30CUBB32A2VF/certificate">https://support.industry.siemens.com/cs/US/en/ps/US2:30CUBB32A2VF/certificate</a>

last modified: 11/29/2021