

# UL Online Certifications Directory

## NMMS.E124534 Power Conversion Equipment

Page Bottom

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### Power Conversion Equipment

[See General Information for Power Conversion Equipment](#)

#### ABB AUTOMATION INC

E124534

16250 W GLENDALE DR  
NEW BERLIN, WI 53151 USA

**AC adjustable, enclosed Type 1, R5 frame size, speed drive**, Constant torque Model ACS611 or AWI611 followed by 0025, 0030, 0040, 0050, 0060 or 0070, followed by 5, followed by 0, B, C, D, E, G, H, L, M, N, P, S, T or U, followed by 0, followed by 0, followed by any letter A through Z, followed by 0 or 1, followed by 2 or 7, followed by 0, followed by 0, followed 9 or 0, followed by 0, followed by 1.

**AC adjustable, Type 1 R5 frame size, speed drive**, Constant torque, Model ACS611 followed by 0075, followed by 5, followed by 0, followed by 0, followed by 0, followed by C, followed by 1, followed by 2, followed by 0, followed by 0, followed by F, followed by 0, followed by 0.

**AC adjustable, open type, Type 1 or Type 12, R2-R9 frame size, speed drive**, Constant torque Model ADE601 followed by 0006, 0009, 0011, 0016, 0020, 0025, 0030, 0040, 0050, 0060, 0070, 0100, 0120, 0140, 0170, 0210, 0260, 0320 or 0400, followed by 5 or 6, followed by 0 or D, followed by 0, followed by 0, followed by C or D, followed by 0 or 1, followed by 2 or 5, followed by 0, followed by 0, followed by 0 or 9, followed by 0 or 1, followed by 0, A, B, C, D, E or S.

**AC adjustable, open type, Type R8, R9 frame size, speed drive**, Constant torque Model ACC604, ACP601, ACS604 or ACX624 followed by 120, 0140, 0170, 0210, 0260, 0320 or 0400, followed by 2, 3, 4, 5 or 6, followed by 0, followed by 0, followed by A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, S, T, U, V, W, X, Y or Z, followed by 0, followed by 0 or 8, followed by 0, followed by 0, followed by 9, followed by 0, followed by 0.

**AC adjustable, open, Type R1-R4 frame size speed drives**, Constant torque Model ACS401 followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F, G or H, followed by 004, 005, 006, 009, 011, 016, 020, 025, 030, or 041, followed by 1, 2 or 3, followed by 2, 5 or 6.

Variable torque Model ACH401 followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F, G or H, followed by 004, 005, 006, 009, 011, 016, 020, 025, 030 or 041, followed by 1, 2 or 3, followed by 2 or 5.

**AC adjustable, Type 1 or Type 12, R5-R7 frame size speed drives**, Variable torque, Model ACH401 or ACH404 followed by 0, 1, 6, B or C, followed by 042, 050, 060, 070, 080, 100, 120 or 140, followed by 1 or 3, followed by 2, 5 or 0.

**AC adjustable, open type, R8 and R9 frame size speed drives**, Variable torque, Model ACH404 followed by 0, 1, 6, B or C, followed by 170, 210, 260, 320 or 400, followed by 1 or 3, followed by 0.

**AC adjustable speed drives, open type**, Model ACS followed by 101 or 103, followed by 1H1, -1H6, -1K1, -1K6, -2K1, -2K7, -4K1, -H18, -H25, -H37, -H75, -K18, -K25, -K37, -K75, followed by -1, may be followed by U; Model ACS followed by 141 or 143, followed by -1K1, -1K6, -2K1, -2K7, -4K1, -K18, -K25, -K37 or -K75, followed by -1, may be followed by U; Model ACS followed by 143, followed by -1H1, -1H60R, -1K1, -1K6, -2H1, -2K1, -2K7, -4K1, -H75, or -K75, followed by 3.

**AC adjustable, enclosed Type 1, Type 12, or open type**, R1-R4 frame size speed drives, constant torque Model ACS550 or ACX550: or variable torque; Model ACH550, followed by -01, U0, -U1, UH or XXXU, followed by -04A6, -06A6, -07A5, -012A, -017A, -024A, -031A, -046A, -059A, -075A, -078A, -088A, -114A, -02A7, -03A9, -06A1, -09A0, -011A, -017A, -022A, -027A, -032A, -041A, -052A, -062A, -143A, -03A3, -04A1, -05A4, -06A9, -08A8, -012A, -015A, -023A, -031A, -038A, -044A, -045A, -059A, -072A, -097A, followed by -2, -4 or 6. may be followed by any combination of the following +B055, +L511, +L502, +L512, +K451, +K452, +K454, +K457, +K462, +K464, +K465, +K466, may be followed by +N, followed by three numbers, may be followed by +R followed by three numbers, may be followed by +P901, +P904, +P917 or +P918.

**AC adjustable, Enclosed Type 1**, R5-R6 frame size speed drives, constant torque Model ACS550 or ACX550; or variable torque Model ACH550, followed by -01, U0, -U1, -UH or XXXU, followed by -143A, -178A, -221A, -248A, -077A, -096A, -099A, -124A, -125A, -144A, -157A, -180A, followed by 2, -3, -4 or 6. May be followed by any combination of +B055, +P901, +0J400, +J404, +L502, +L511, +L512, +K451, +K452, +K454, +K457, +K462, +K464, +K465, +K466, +R700, +R701, +R702, +R703, +R704, +R705, +R706, +R707, +R708, +R709, +R711, +R713, +R714, +P904, may be followed by +N, followed by

three numbers.

**AC adjustable, enclosed Type 1 or open type, R7, and R8 frame size speed drives**, Constant torque, Model ACS550/ACX550 or variable torque Model ACH550, followed by -02, -U2, U0 or UH, followed by -4. May be followed by any combination of options listed in Nomenclature section.

**AC adjustable, Type 1, R2-R6 frame size, speed drive**, Constant torque Model ACC601, ACP601, ACS601 or ACX624, followed by 0005, 0006, 0009, 0011, 0016, 0020, 0025, 0030, 0040, 0050, 0060, 0070, 0100, followed by 2, 3, 5 or 6, followed by 0, B, C, D, E, H, L, M, N, P, S, T, or U, followed by 0, followed by 0, followed by A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, S, T, U, V, W, X, Y or Z, followed by 0 or 1, followed by 2, 5, 7 or 9, followed by 0, followed by 0, followed by 0, 8 or 9, followed by 0, 1 or R, followed by 0 or 1.

**AC adjustable speed drive, enclosed Type 1**, Model ACT followed by 143, followed by -4K1, followed by -3, may be followed by U.

**AC adjustable, Type 1, R7 frame size, speed drive**, Constant torque Model ACC601, ACC604, ACP601, ACS601, ACS604 or ACX624 followed by 0100, 0120 or 0140, followed by 2, 3, 4, 5 or 6, followed by 0, B, C, D, E, H, M, N, P, S, T or U, followed by 0, followed by 0, followed by A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, S, T, U, V, W, X, Y or Z, followed by 0 or 1, followed by 2 or 7, followed by 0, followed by 0, followed by 0 or 9, followed by 0 or 1, followed by B, 0 or 1.

**AC adjustable, Type R2-R7 frame size, speed drive**, Constant torque Model SD601 followed by -230 or -460, followed by -3, followed by -5, -07, -10, -15, -20, -25, -30, -40, followed by 0, followed by 0, followed by 0.

**Accessories - Brake choppers**, Models NBRA-653, -663 are Type 12 enclosed, externally mounted device for use with the R2, R3 frame sizes. Models NBRA-654, -655, -656, -657, -664, -665, -666, -667 are open type internally mounted devices for use with the R4, R5, R6, R7 frame sizes.

**Accessories - Option modules**, Models NAI0-02, NCSA-01, NDIO-01, NDNA-01, NIBA-01, NMBA-01, NMFA-01, NMBP-01, NPBA-02, NTAC-02 are open type internally mounted devices for the R4, R5, R6, R7 frame sizes and externally mounted for the R2, R3, R8, R9 frame sizes. One module can be powered by the 24 V dc, 300 mA supply on the NIOC-01 PCB Terminal X23. If more than one module is selected, an external UL Recognized power supply rated 1 A, 24 V dc output must be used. The secondary circuit of the supply must be fused at 4 A or less.

**Accessories-Line reactors**, choke type NOCH0120-6, -0260-6, -0400-6, -0760-6, -0016-6, -0030-6, -0070-6; Open choke Type, AOCH0120-70, AOCH0260-70, AOCH0400-70, AOCH0760-70.

**Advanced motor control modules**, Models NAMC-11, NDCU-11.

**Brake choppers**, Models NBRA-658, -659, -669, NBRC-51 are open type devices intended to be mounted in an end-use enclosure external to the R8, R9 frame sizes.

**Communication modules**, NBAA-01, NFLN-01, NLON-01 are protocol modules. The NBAA-01 is the N2 protocol. The NFLN-01 is the Landis protocol. The NLON-01 is the communication protocol.

**Option modules**, Models NAI0-XX, NCSA-XX, NDCO-XX, NDIO-XX, NDNA-XX, NIBA-XX, NMBA-XX, NMFA-XX, NMBP-XX, NPBA-XX, NTAC-XX, are open type internally mounted devices for the R4, R5, R6, R7 frame sizes and externally mounted for the R2, R3, R8, R9 frame sizes. One module can be powered by the 24 V dc, 300 mA supply on the NIOC-01 PCB Terminal X23. If more than one module is selected, an external UL Recognized power supply rated 1 A, 24 V dc output must be used. The secondary circuit of the supply must be fused at 4 A or less.

Series ACS800, Enclosed Type 1, or open chassis Types R2, R3, R4 frame size speed drives, constant torque Model ACS800, followed by -01, DEMAG01, -04 or -U1, followed by -0001, -0002, -0003, -0004, -0005, -0006, -0009, -0011, -0016, -0020, -0025, -0030 or -0040, followed by -2, -3, -5 or -7. May be followed by combination of +L500, +L501, +2\*L501, +L502, +L503, +L509, +L508, +K451, +K454, +K458, +NXXX, +J405, +P901, +E200, +E202, +D150, +H358, +RXXX, +P904.

**AC adjustable, enclosed Type 1 or open type, R7, and R8 frame size speed drives, constant torque**, Series ACS800, Enclosed Type 1, or open chassis Types R7 and R8, frame size speed drives, constant torque Model ACS800, followed by -02, -U2, -04, 04M -DEMAG 04, -DEMAG 04M, U4M or -U4 followed by -0080, -0100, -0120, -0140, -0170, -0210, -0230, -0260, -0270, -0300, -0320, -0400, -0440, -0490, -0550, or -0610, followed by -2, -3, -5 or -7. May be followed by any combination of +C111, +C127, +0C111, +C131, +C135, +C136, +D150, +E210, +E202, +E204, +E208, +E209, +F250+Q951, +Q950, +G304, +G320, +H350, +H351, +H352, +H353, +H354, +0H354, +H355, +H356, +H357, +H358, +H360, +H362, +H363, +0J400, +J410, +J413, +J414, +K451, +K452, +K454, +K457, +K458, +K462, +K466, +L500, +L501, +L502, +L503, +L509, +L508, +L504, +L505, +L506, +B060, +NXXX, +P901, +P904, +0R715, +RXXX. The +NXXX and +RXXX can be any number 0-9.

**ACS800 R7 & R8 Accessory - Filter unit, open type**, Model ACS800-04/07 EMC Filter.

**Enclosed Type 1 or open chassis**, Types R5, R6 frame size variable speed drive, constant torque Model ACS800, followed by -01, -U1, DEMAG01 or -04 followed by -0025, -0030, -0040, -0050, -0060, -0070, -0100, -0120, -0130, -0140, -0150, followed by -2, -3, -5 or -7. May be followed by any combination +L500, +L501, +2\*L501, +L502, +L503, +L509, +L508, +K451, +K452, +K454, +K458, +K462, +NXXX, +B056, +C132, +C135, +RXXX, +0J400, +J405, +P901, +C131, +C132, +E200,

+E202, +D150, +H357, +OR715, +H358, +P904, +Q950.

The +NXXX and +RXXX can be any number 0-9.

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[Page Top](#)

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