



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1267392

Master Contract: 206573

Project: 1750344

Date Issued: 2006/01/26

Issued to: ABB OY

Drives
Hiomotie 13
Helsinki, 00381
Finland
Attention: n/a

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'



Issued by: Stanislav Christov, Eng.

Authorized by: Helene Vaillancourt, Manager,
Certification Services

PRODUCTS

CLASS 3211 06 - INDUSTRIAL CONTROL EQUIPMENT - Motor Controllers -
Miscellaneous

CLASS 3211 86 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers -
Miscellaneous-Certified to U.S. Standards

PART A

Enclosed Type 1 or open chassis Type R2, R3 and R4 frame size speed drives, constant torque Model ACS800, followed by -01, -DEMAG 01, -04 or U1, followed by -0001, -0002 -0003, -0004, -0005, -0006, 0009, -0011, -0016, -0020, -0023, -0025, -0028, -0030, -0035, -0040 or -0045, followed by -2, 3, -5 or -7. May be followed

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.



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by any combination of +L500, +L501, +2*L501, +L502, +L503, +L509, +L508, +K451, +K452, +K454, +K457, +K458, +K462, +K466, +NXXX, +J400, +0J400 +B056, +C132, +C135, +P901, +E200, +E202, +D150, +H357, +H358, +0R715, +RXXX, +P901 +P904, +Q950.

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

General - Drive Frame Sizes R2, R3 and R4 are enclosed Type 1 or open Type AC drive controllers. These devices convert 3 phase, 50/60 Hz input power to an adjustable AC frequency and voltage source for controlling the speed of AC induction motors. The output voltage varies proportionally with the output frequency to maintain a constant excitation value from 0 to 300 Hz. The drive includes power conversion components, power and control logic devices and regulator circuitry. The microprocessor is used to control the drive regulators and

power semiconductors which generate a pulse width modulated (PWM) output wave form. Overspeed protection provided by software.

Option extension I/O module can be internally mounted or can be installed in the field.

RATINGS: 600 V max, 55amp max, 40Hp max.

PART B

Enclosed Type 1 or open chassis Types R5 and R6 frame size variable speed drives, constant torque Model ACS800, followed by 01, -DEMAG 01, -2, -04, -7 or -U1 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 of +L500, +L501, +2*L501, +L502, +L503, +L509, +L508, +K451, +K452+K454, +K457, +K458, +K462, +K466, +NXXX, +B056, +C132, +C135, +H357, +RXXX, +P901, +E200, +E202, +D150, +H358, +J400, +0J400, +0R715, +R701, +R702, +R703, +R704, +R705, +R706, +R707, +R708, +P901+P904, +Q950.

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

General - Drive Frame Size R5 or R6 ARE a Type 1 or open Type AC drive controller. This device converts 3 phase, 50/60 Hz input power to an adjustable AC frequency and voltage source for controlling the speed of AC induction motors. The output voltage varies proportionally with the output frequency to maintain a constant excitation value from 0 to 300 Hz. The drive includes power conversion components, power and control logic devices and regulator circuitry. The microprocessor is used to control the drive regulators and power semiconductors which generate a pulse width modulated (PWM) output wave form. Over speed protection provided by software.

RATINGS: 600 V max, 202 amp max, 125Hp max.

PART C

AC adjustable, enclosed Type 1, or open type, 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 +D150, +E210, +E202, +E204, +E208, +E209,



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+F250,, +Q951, +Q950, +F260, +G304, +G320, +H350, +H351, +H352, +H353, +H356, +H357, +H358, +H363, +H354, +H362, +H355, +H356, +H360, +0H354,+0J400 +J400, +J410, +J413, +K451, +K452 +K454, +K457, +K458, +K462, +K466, +L500, +L501, +L502, +L503, +L509, +L508, +L504, +L505, +L506, +B060, +NXXX, +P901, +P904, +RXXX.

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

Accessory – Filter unit open type model ACS800-04/07 EMC Filter.

General - These enclosed Type 1 AC drive controllers convert 3 phase, 50/60 Hz input power to an adjustable AC frequency and voltage source for controlling the speed of AC induction motors. The output voltage varies proportionally with the output frequency to maintain a constant excitation value from 0 to 300 Hz. The drive includes power conversion components, power and control logic devices, and regulator circuitry. The microprocessor is used to control the drive regulators and power semiconductors, which generate a pulse width, modulated (PWM) output waveform. Overspeed protection provided by software.

RATINGS: 600 V max, 730 amp max, 600Hp max.

PART D

Output Choke, Open Type Model FOCH followed by –0260-70, 0320-50, or 0610-70.

Ratings: 600Vac max, 730A max.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 14-05 - Industrial Control Equipment

UL Std No. 508C (3rd Edition) - Power Conversion Equipment