

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * <u>BUSCH AUGUST A III</u> (Last) (First) (Middle) <u>1 MID RIVERS MALL DRIVE</u> <u>SUITE 210</u> (Street) <u>ST. PETERS</u> <u>MO</u> <u>63376</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>EMERSON ELECTRIC CO</u> [<u>EMR</u>] 3. Date of Earliest Transaction (Month/Day/Year) <u>08/17/2009</u> 4. If Amendment, Date of Original Filed (Month/Day/Year)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
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Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	08/17/2009		P		10,000	A	\$33.9998 ⁽¹⁾	154,500	D	
Common Stock								600	I	Trust ⁽²⁾
Common Stock								600	I	Trust ⁽³⁾⁽⁴⁾

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

1. The price reported in Column 4 is a weighted average price. These shares were bought in multiple transactions at prices ranging from \$33.99 to \$34.00. The prices reported in Column 4 of the Reporting Person's Form 4s filed on August 10, 2009 and August 17, 2009 were also weighted average prices. The shares bought on August 7, 2009 and reported in the August 10, 2009 Form 4 were bought in multiple transactions at prices ranging from \$35.42 to \$35.46. The shares bought on August 14, 2009 and reported in the August 17, 2009 Form 4 were bought in multiple transactions at prices ranging from \$35.08 to \$35.11. The reporting person undertakes to provide to Emerson Electric Co., any security holder of Emerson Electric Co., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote.
2. Co-Trustee and beneficiary of Trust U/W Elizabeth O. Busch dated 11/23/55 F/B/O August A. Busch III.
3. Co-Trustee of Trust U/W Elizabeth O. Busch dated 11/23/55 F/B/O Elizabeth B. Burke.
4. Beneficial ownership of these shares is disclaimed.

/s/ Timothy G. Westman, Attorney-
in-fact for August A. Busch III 08/19/2009

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.