Eaton Corp plc Form 4 December 13, 2016

FORM 4

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

OMB APPROVAL

OMB
3235-0287

Washington, D.C. 20549

Number:
Expires:

January 31,

2005

if no longer subject to Section 16. Form 4 or

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

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See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * SEMELSBERGER KEN D			2. Issuer Name and Ticker or Trading Symbol Eaton Corp plc [ETN]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) (First) (Middle)		(Middle)	3. Date of Earliest Transaction				
			(Month/Day/Year)	Director 10% Owner			
1000 EATON BOULEVARD		ARD	12/09/2016	X Officer (give title Other (specify below)			
				See Remarks below.			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line)			
CLEVELAND, OH 44122				_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Tak	ole I - Non-	Derivative	Secu	rities Acquir	ed, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired (A) Transactiomr Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of 6. Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported (I) Transaction(s) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Ordinary Shares	12/09/2016		M	2,487	A	\$ 40.405	88,706	D	
Ordinary Shares	12/09/2016		F	1,452 (1)	D	\$ 69.16	87,254	D	
Ordinary Shares	12/09/2016		M	19,913	A	\$ 40.405	107,167	D	
Ordinary Shares	12/09/2016		S	19,913	D	\$ 69.1463 (2)	87,254	D	
Ordinary Shares	12/09/2016		M	2,405	A	\$ 41.565	89,659	D	

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Ordinary Shares	12/09/2016	F	1,444 (1)	D	\$ 69.2	88,215	D	
Ordinary Shares						4,554.986	I	by trustee of ESP

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

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 control number.

SEC 1474

(9-02)

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. Transactic Code (Instr. 8)			6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option	\$ 40.405	12/09/2016		M		2,487	02/27/2008	02/27/2017	Ordinary Shares	2,487
Stock Option	\$ 40.405	12/09/2016		M		19,913	02/27/2008	02/27/2017	Ordinary Shares	19,913
Stock Option	\$ 41.565	12/09/2016		M		2,405	02/26/2009	02/26/2018	Ordinary Shares	2,405

Reporting Owners

Reporting Owner Name / Address	Relationships
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Director 10% Owner Officer Other

SEMELSBERGER KEN D 1000 EATON BOULEVARD See Remarks below. CLEVELAND, OH 44122

Signatures

/s/ Lizbeth L. Wright, as Attorney-in-Fact

**Signature of Reporting Person Date

Reporting Owners 2

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Explanation of Responses:

- * 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).
- (1) These shares were delivered to the Issuer to pay for the applicable option exercise price and withholding tax.
 - Price reported constitutes the average weighted price of shares sold. Shares were sold at varying prices in the range of \$69.05 \$69.165.
- (2) The reporting person hereby undertakes, upon request of the Commission, the issuer or a security holder of the issuer, to provide full information regarding the number of shares sold at each separate price.

Remarks:

Senior Vice President and Controller of Eaton Corporation, a subsidiary of the Issuer

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.