

PENTAIR plc  
Form 4  
May 17, 2017

**FORM 4**

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

OMB APPROVAL

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
GARDEN EDWARD P

(Last) (First) (Middle)  
280 PARK AVENUE, 41ST FLOOR  
(Street)

NEW YORK, NY 10017

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
PENTAIR plc [PNR]

3. Date of Earliest Transaction  
(Month/Day/Year)  
05/15/2017

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**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)
Common (Ordinary) Shares	05/15/2017		P	V Amount (A) or (D) 290,000 A	\$ 65.3147 (1) 14,625,888	I	Please see explanation below (2) (3)
Common (Ordinary) Shares	05/16/2017		P	V Amount (A) or (D) 175,000 A	\$ 65.4105 (4) 14,800,888	I	Please see explanation below (2) (3)
Common (Ordinary) Shares	05/17/2017		P	V Amount (A) or (D) 64,100 A	\$ 65.1087 (5) 14,864,988	I	Please see explanation below (2) (3)
Common (Ordinary) Shares	05/17/2017		P	V Amount (A) or (D) 102,036 A	\$ 64.72 (6) 14,967,024	I	Please see explanation below (2) (3)

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Common (Ordinary) Shares	05/17/2017	P	231,864	A	\$ 65.31 (7)	15,198,888	I		Please see explanation below (2) (3)
Common (Ordinary) Shares - Restricted Stock Units						1,122 (8)	D		
Common (Ordinary) Shares	05/16/2017	F	231	D	\$ 65.5	921 (8)	D		

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.**

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(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. 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 Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
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Code	V	(A)	(D)
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
GARDEN EDWARD P 280 PARK AVENUE, 41ST FLOOR NEW YORK, NY 10017	X			
TRIAN FUND MANAGEMENT, L.P. 280 PARK AVENUE, 41ST FLOOR NEW YORK, NY 10017				Please see remarks below

## Signatures

Daniel R. Marx, Attorney-In-Fact for Edward P. Garden	05/17/2017
__Signature of Reporting Person	Date
Daniel R. Marx, Attorney-In-Fact for Edward P. Garden, member of the general partner of Trian Fund Management, L.P.	05/17/2017
__Signature of Reporting Person	Date

## 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).
- The price shown in Column 4 is a weighted average purchase price. The price range for the purchases is \$65.18 to \$65.55. The Reporting
- (1) Persons undertake to provide upon request by the staff of the Securities and Exchange Commission, the Issuer or a security holder of the Issuer, full information regarding the number of shares purchased at each separate price.
- Trian Fund Management, L.P. ("Trian Management") serves as the management company for Trian Partners, L.P., Trian Partners Master Fund, L.P., Trian Partners Master Fund (ERISA), L.P., Trian Partners Parallel Fund I, L.P., Trian Partners Strategic Investment Fund II, L.P., Trian Partners Strategic Investment Fund-A, L.P., Trian Partners Strategic Investment Fund-N, L.P., Trian Partners Strategic Investment Fund-D, L.P., Trian Partners Fund (Sub)-G, L.P., Trian Partners Strategic Fund-G II, L.P., Trian Partners Strategic Fund-G III, L.P., Trian Partners Strategic Fund-K, L.P. and Trian Partners Strategic Fund-C, Ltd. (collectively, the "Trian Entities").
- (FN 2, contd.) and as such determines the investment and voting decisions of the Trian Entities with respect to the shares of the Issuer held by them. Mr. Garden is a member of Trian Fund Management GP, LLC, which is the general partner of Trian Management, and therefore is in a position to determine the investment and voting decisions made by Trian Management on behalf of the Trian Entities.
- (3) Accordingly, Mr. Garden and Trian Management may be deemed to indirectly beneficially own (as that term is defined in Rule 13d-3 under the Securities Exchange Act of 1934) the shares beneficially owned by the Trian Entities. The Reporting Persons disclaim beneficial ownership of such shares except to the extent of their respective pecuniary interests therein and this report shall not be deemed an admission that the Reporting Persons are the beneficial owner of such securities for purposes of Section 16 or for any other purpose.
- The price shown in Column 4 is a weighted average purchase price. The price range for the purchases is \$65.085 to \$65.425. The
- (4) Reporting Persons undertake to provide upon request by the staff of the Securities and Exchange Commission, the Issuer or a security holder of the Issuer, full information regarding the number of shares purchased at each separate price.
- The price shown in Column 4 is a weighted average purchase price. The price range for the purchases is \$64.51 to \$65.42. The Reporting
- (5) Persons undertake to provide upon request by the staff of the Securities and Exchange Commission, the Issuer or a security holder of the Issuer, full information regarding the number of shares purchased at each separate price.
- The price shown in Column 4 is a weighted average purchase price. The price range for the purchases is \$64.48 - \$64.99. The Reporting
- (6) Persons undertake to provide upon request by the staff of the Securities and Exchange Commission, the Issuer or a security holder of the Issuer, full information regarding the number of shares purchased at each separate price.
- The price shown in Column 4 is a weighted average purchase price. The price range for the purchases is \$65.00 - \$65.57. The Reporting
- (7) Persons undertake to provide upon request by the staff of the Securities and Exchange Commission, the Issuer or a security holder of the Issuer, full information regarding the number of shares purchased at each separate price.
- (8) End-of-period holdings reflect the vesting of certain restricted stock units that were previously reported.

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.