



# PowerFlex 400 Adjustable Frequency AC Drive

Catalog Number Z2C, Series B



## ATTENTION

Before installing, configuring, operating or maintaining this product, read this document and the documents listed in the Additional Resources section for installation, programming, or operating equipment. Users should familiarize themselves with installation and safety instructions in addition to requirements of all applicable codes, laws, and standards.

- Installation, adjustments, putting into service, use, assembly, disassembly and repair must be performed by trained personnel in accordance with applicable code of practice.
- If this equipment is used in a manner not specified by this manufacturer, the user assumes the responsibility for the consequences.
- Field status equipment has operational characteristics differing from those of standard equipment. Status equipment for the Application Manual, Installation and Maintenance of Solid State Controls, publication 500-0.1, available from your local Rockwell Automation sales office or online at <http://www.rockwellautomation.com/literature>. Document differences (important differences between field status equipment and standard equipment) between Rockwell Automation.



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## Additional Resources

These documents contain additional information concerning the installation, programming, and application of the AC drive.

| English   | This document is available in multiple languages at <a href="http://www.rockwellautomation.com/literature">http://www.rockwellautomation.com/literature</a> . Select publication language and type "Z2C-0000" in the search field.                                 |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Deutsch   | Dieses Dokument ist in mehreren Sprachen verfügbar. <a href="http://www.rockwellautomation.com/literature">http://www.rockwellautomation.com/literature</a> Wählen Sie Sprache aus und geben Sie "Z2C-0000" in das Suchfeld ein.                                   |
| Français  | Ces documents sont disponibles dans différentes langues à l'adresse suivante: <a href="http://www.rockwellautomation.com/literature">http://www.rockwellautomation.com/literature</a> . Sélectionnez la langue puis tapez "Z2C-0000" dans le champ de recherche.   |
| Italiano  | Le guide tecniche sono disponibili in varie lingue sul sito <a href="http://www.rockwellautomation.com/literature">http://www.rockwellautomation.com/literature</a> . Selezionare la lingua desiderata e digitare "Z2C-0000" nel campo di ricerca.                 |
| Português | Para encontrar mais ajuda de instalação, programação ou aplicação, visite o site <a href="http://www.rockwellautomation.com/literature">http://www.rockwellautomation.com/literature</a> . Selecione o idioma de publicação e digite "Z2C-0000" no campo de busca. |
| Português | Para obter mais informações sobre equipamento, visite o site <a href="http://www.rockwellautomation.com/literature">http://www.rockwellautomation.com/literature</a> . Selecione o idioma de publicação e digite "Z2C-0000" no campo de busca.                     |
| ES-ES     | Este documento está disponible en múltiples idiomas en <a href="http://www.rockwellautomation.com/literature">http://www.rockwellautomation.com/literature</a> . Seleccione el idioma de publicación y escriba "Z2C-0000" en el campo de búsqueda.                 |
| FR-FR     | Ces documents sont disponibles dans différentes langues sur le site <a href="http://www.rockwellautomation.com/literature">http://www.rockwellautomation.com/literature</a> . Sélectionnez la langue puis tapez "Z2C-0000" dans le champ de recherche.             |
| IT-IT     | Le guide tecniche sono disponibili in varie lingue sul sito <a href="http://www.rockwellautomation.com/literature">http://www.rockwellautomation.com/literature</a> . Selezionare la lingua desiderata e digitare "Z2C-0000" nel campo di ricerca.                 |
| PT-BR     | Para encontrar mais ajuda de instalação, programação ou aplicação, visite o site <a href="http://www.rockwellautomation.com/literature">http://www.rockwellautomation.com/literature</a> . Selecione o idioma de publicação e digite "Z2C-0000" no campo de busca. |

| Frame | Drive Power (kW) / Output Power (hp) / Motor Power (kW) / Motor Power (hp)                                                                                                    |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | 0.18 (0.25) / 0.25 (0.34) / 0.18 (0.25) / 0.25 (0.34)                                                                                                                         |
| 2     | 0.37 (0.5) / 0.5 (0.68) / 0.37 (0.5) / 0.5 (0.68)                                                                                                                             |
| 3     | 0.75 (1.0) / 1.0 (1.36) / 0.75 (1.0) / 1.0 (1.36)                                                                                                                             |
| 4     | 1.5 (2.0) / 2.0 (2.72) / 1.5 (2.0) / 2.0 (2.72)                                                                                                                               |
| 5     | 3.0 (4.0) / 4.0 (5.44) / 3.0 (4.0) / 4.0 (5.44)                                                                                                                               |
| 6     | 4.5 (6.0) / 6.0 (8.16) / 4.5 (6.0) / 6.0 (8.16)                                                                                                                               |
| 7     | 7.5 (10.0) / 10.0 (13.6) / 7.5 (10.0) / 10.0 (13.6)                                                                                                                           |
| 8     | 15.0 (20.0) / 20.0 (27.2) / 15.0 (20.0) / 20.0 (27.2)                                                                                                                         |
| 9     | 30.0 (40.0) / 40.0 (54.4) / 30.0 (40.0) / 40.0 (54.4)                                                                                                                         |
| 10    | 45.0 (60.0) / 60.0 (81.6) / 45.0 (60.0) / 60.0 (81.6)                                                                                                                         |
| 11    | 75.0 (100.0) / 100.0 (136.0) / 75.0 (100.0) / 100.0 (136.0)                                                                                                                   |
| 12    | 150.0 (200.0) / 200.0 (272.0) / 150.0 (200.0) / 200.0 (272.0)                                                                                                                 |
| 13    | 300.0 (400.0) / 400.0 (544.0) / 300.0 (400.0) / 400.0 (544.0)                                                                                                                 |
| 14    | 450.0 (600.0) / 600.0 (816.0) / 450.0 (600.0) / 600.0 (816.0)                                                                                                                 |
| 15    | 750.0 (1000.0) / 1000.0 (1360.0) / 750.0 (1000.0) / 1000.0 (1360.0)                                                                                                           |
| 16    | 1500.0 (2000.0) / 2000.0 (2720.0) / 1500.0 (2000.0) / 2000.0 (2720.0)                                                                                                         |
| 17    | 3000.0 (4000.0) / 4000.0 (5440.0) / 3000.0 (4000.0) / 4000.0 (5440.0)                                                                                                         |
| 18    | 4500.0 (6000.0) / 6000.0 (8160.0) / 4500.0 (6000.0) / 6000.0 (8160.0)                                                                                                         |
| 19    | 7500.0 (10000.0) / 10000.0 (13600.0) / 7500.0 (10000.0) / 10000.0 (13600.0)                                                                                                   |
| 20    | 15000.0 (20000.0) / 20000.0 (27200.0) / 15000.0 (20000.0) / 20000.0 (27200.0)                                                                                                 |
| 21    | 30000.0 (40000.0) / 40000.0 (54400.0) / 30000.0 (40000.0) / 40000.0 (54400.0)                                                                                                 |
| 22    | 45000.0 (60000.0) / 60000.0 (81600.0) / 45000.0 (60000.0) / 60000.0 (81600.0)                                                                                                 |
| 23    | 75000.0 (100000.0) / 100000.0 (136000.0) / 75000.0 (100000.0) / 100000.0 (136000.0)                                                                                           |
| 24    | 150000.0 (200000.0) / 200000.0 (272000.0) / 150000.0 (200000.0) / 200000.0 (272000.0)                                                                                         |
| 25    | 300000.0 (400000.0) / 400000.0 (544000.0) / 300000.0 (400000.0) / 400000.0 (544000.0)                                                                                         |
| 26    | 450000.0 (600000.0) / 600000.0 (816000.0) / 450000.0 (600000.0) / 600000.0 (816000.0)                                                                                         |
| 27    | 750000.0 (1000000.0) / 1000000.0 (1360000.0) / 750000.0 (1000000.0) / 1000000.0 (1360000.0)                                                                                   |
| 28    | 1500000.0 (2000000.0) / 2000000.0 (2720000.0) / 1500000.0 (2000000.0) / 2000000.0 (2720000.0)                                                                                 |
| 29    | 3000000.0 (4000000.0) / 4000000.0 (5440000.0) / 3000000.0 (4000000.0) / 4000000.0 (5440000.0)                                                                                 |
| 30    | 4500000.0 (6000000.0) / 6000000.0 (8160000.0) / 4500000.0 (6000000.0) / 6000000.0 (8160000.0)                                                                                 |
| 31    | 7500000.0 (10000000.0) / 10000000.0 (13600000.0) / 7500000.0 (10000000.0) / 10000000.0 (13600000.0)                                                                           |
| 32    | 15000000.0 (20000000.0) / 20000000.0 (27200000.0) / 15000000.0 (20000000.0) / 20000000.0 (27200000.0)                                                                         |
| 33    | 30000000.0 (40000000.0) / 40000000.0 (54400000.0) / 30000000.0 (40000000.0) / 40000000.0 (54400000.0)                                                                         |
| 34    | 45000000.0 (60000000.0) / 60000000.0 (81600000.0) / 45000000.0 (60000000.0) / 60000000.0 (81600000.0)                                                                         |
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| 36    | 150000000.0 (200000000.0) / 200000000.0 (272000000.0) / 150000000.0 (200000000.0) / 200000000.0 (272000000.0)                                                                 |
| 37    | 300000000.0 (400000000.0) / 400000000.0 (544000000.0) / 300000000.0 (400000000.0) / 400000000.0 (544000000.0)                                                                 |
| 38    | 450000000.0 (600000000.0) / 600000000.0 (816000000.0) / 450000000.0 (600000000.0) / 600000000.0 (816000000.0)                                                                 |
| 39    | 750000000.0 (1000000000.0) / 1000000000.0 (1360000000.0) / 750000000.0 (1000000000.0) / 1000000000.0 (1360000000.0)                                                           |
| 40    | 1500000000.0 (2000000000.0) / 2000000000.0 (2720000000.0) / 1500000000.0 (2000000000.0) / 2000000000.0 (2720000000.0)                                                         |
| 41    | 3000000000.0 (4000000000.0) / 4000000000.0 (5440000000.0) / 3000000000.0 (4000000000.0) / 4000000000.0 (5440000000.0)                                                         |
| 42    | 4500000000.0 (6000000000.0) / 6000000000.0 (8160000000.0) / 4500000000.0 (6000000000.0) / 6000000000.0 (8160000000.0)                                                         |
| 43    | 7500000000.0 (10000000000.0) / 10000000000.0 (13600000000.0) / 7500000000.0 (10000000000.0) / 10000000000.0 (13600000000.0)                                                   |
| 44    | 15000000000.0 (20000000000.0) / 20000000000.0 (27200000000.0) / 15000000000.0 (20000000000.0) / 20000000000.0 (27200000000.0)                                                 |
| 45    | 30000000000.0 (40000000000.0) / 40000000000.0 (54400000000.0) / 30000000000.0 (40000000000.0) / 40000000000.0 (54400000000.0)                                                 |
| 46    | 45000000000.0 (60000000000.0) / 60000000000.0 (81600000000.0) / 45000000000.0 (60000000000.0) / 60000000000.0 (81600000000.0)                                                 |
| 47    | 75000000000.0 (100000000000.0) / 100000000000.0 (136000000000.0) / 75000000000.0 (100000000000.0) / 100000000000.0 (136000000000.0)                                           |
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| 50    | 450000000000.0 (600000000000.0) / 600000000000.0 (816000000000.0) / 450000000000.0 (600000000000.0) / 600000000000.0 (816000000000.0)                                         |
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| 52    | 1500000000000.0 (2000000000000.0) / 2000000000000.0 (2720000000000.0) / 1500000000000.0 (2000000000000.0) / 2000000000000.0 (2720000000000.0)                                 |
| 53    | 3000000000000.0 (4000000000000.0) / 4000000000000.0 (5440000000000.0) / 3000000000000.0 (4000000000000.0) / 4000000000000.0 (5440000000000.0)                                 |
| 54    | 4500000000000.0 (6000000000000.0) / 6000000000000.0 (8160000000000.0) / 4500000000000.0 (6000000000000.0) / 6000000000000.0 (8160000000000.0)                                 |
| 55    | 7500000000000.0 (10000000000000.0) / 10000000000000.0 (13600000000000.0) / 7500000000000.0 (10000000000000.0) / 10000000000000.0 (13600000000000.0)                           |
| 56    | 15000000000000.0 (20000000000000.0) / 20000000000000.0 (27200000000000.0) / 15000000000000.0 (20000000000000.0) / 20000000000000.0 (27200000000000.0)                         |
| 57    | 30000000000000.0 (40000000000000.0) / 40000000000000.0 (54400000000000.0) / 30000000000000.0 (40000000000000.0) / 40000000000000.0 (54400000000000.0)                         |
| 58    | 45000000000000.0 (60000000000000.0) / 60000000000000.0 (81600000000000.0) / 45000000000000.0 (60000000000000.0) / 60000000000000.0 (81600000000000.0)                         |
| 59    | 75000000000000.0 (100000000000000.0) / 100000000000000.0 (136000000000000.0) / 75000000000000.0 (100000000000000.0) / 100000000000000.0 (136000000000000.0)                   |
| 60    | 150000000000000.0 (200000000000000.0) / 200000000000000.0 (272000000000000.0) / 150000000000000.0 (200000000000000.0) / 200000000000000.0 (272000000000000.0)                 |
| 61    | 300000000000000.0 (400000000000000.0) / 400000000000000.0 (544000000000000.0) / 300000000000000.0 (400000000000000.0) / 400000000000000.0 (544000000000000.0)                 |
| 62    | 450000000000000.0 (600000000000000.0) / 600000000000000.0 (816000000000000.0) / 450000000000000.0 (600000000000000.0) / 600000000000000.0 (816000000000000.0)                 |
| 63    | 750000000000000.0 (1000000000000000.0) / 1000000000000000.0 (1360000000000000.0) / 750000000000000.0 (1000000000000000.0) / 1000000000000000.0 (1360000000000000.0)           |
| 64    | 1500000000000000.0 (2000000000000000.0) / 2000000000000000.0 (2720000000000000.0) / 1500000000000000.0 (2000000000000000.0) / 2000000000000000.0 (2720000000000000.0)         |
| 65    | 3000000000000000.0 (4000000000000000.0) / 4000000000000000.0 (5440000000000000.0) / 3000000000000000.0 (4000000000000000.0) / 4000000000000000.0 (5440000000000000.0)         |
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# Allen Bradley Powerflex 400 User Manual

**VM Jensen**



## **Allen Bradley Powerflex 400 User Manual:**

**January 2023 - Surplus Record Machinery & Equipment Directory** Thomas C. Scanlan, 2023-01-01 SURPLUS RECORD is the leading independent business directory of new and used capital equipment machine tools machinery and industrial equipment listing over 110 000 industrial assets including metalworking and fabricating machine tools chemical and process equipment cranes air compressors pumps motors circuit breakers generators transformers turbines and more Over 1 100 businesses list with the SURPLUS RECORD March 2022 issue Vol 100 No 1 *Plant & Control Engineering* ,2003 **InTech** ,2003 Control Solutions ,2002 **Machine Design** ,2009 Bussysteme in der Automatisierungs- und Prozesstechnik Gerhard Schnell, Bernhard Wiedemann, 2019-05-03 Dieses Fachbuch behandelt alle wichtigen in der Automatisierung eingesetzten Bussysteme Im Vordergrund stehen die Feldbussysteme seien es Master Slave oder Multimaster Systeme Eine ausführliche Einführung in die technischen Grundlagen gibt Auskunft über Netzwerktopologien Kommunikationsmodelle Buszugriffsverfahren Datensicherung Telegrammformate Standards bei Leitungen Übertragungsarten und Netzverbindungen Den Netzwerkhierarchien unter CIM und der internationalen Feldbusnormung sind eigene Kapitel gewidmet Im zweiten Teil werden die verschiedenen Bussysteme ausführlich beschrieben auch PC Busse Für die 9 Auflage wurden KNX ehemals EIB und Sercos neu aufgenommen **Soft Computing Models in Industrial and Environmental Applications** Václav Snášel, Ajith Abraham, Emilio S. Corchado, 2012-08-23 This volume of Advances in Intelligent and Soft Computing contains accepted papers presented at SOCO 2012 held in the beautiful and historic city of Ostrava Czech Republic in September 2012 Soft computing represents a collection or set of computational techniques in machine learning computer science and some engineering disciplines which investigate simulate and analyze very complex issues and phenomena After a thorough peer review process the SOCO 2012 International Program Committee selected 75 papers which are published in these conference proceedings and represents an acceptance rate of 38% In this relevant edition a special emphasis was put on the organization of special sessions Three special sessions were organized related to relevant topics as Soft computing models for Control Theory Applications in Electrical Engineering Soft computing models for biomedical signals and data processing and Advanced Soft Computing Methods in Computer Vision and Data Processing The selection of papers was extremely rigorous in order to maintain the high quality of the conference and we would like to thank the members of the Program Committees for their hard work in the reviewing process This is a crucial process to the creation of a high standard conference and the SOCO conference would not exist without their help **Key British Enterprises** ,1993 The Advertising Red Books ,2008-07 **Europ production** ,1961 *Canadian Periodical Index* ,1965

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It is your totally own era to doing reviewing habit. along with guides you could enjoy now is **Allen Bradley Powerflex 400 User Manual** below.

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## Allen Bradley Powerflex 400 User Manual Introduction

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