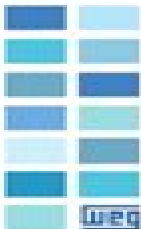
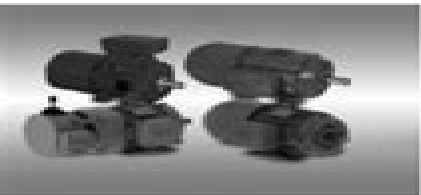




Brake Motor

Instructions Manual for Installation, Operation and Maintenance of Electric Motors



1. Introduction

This manual provides important information about WEG three-phase and single-phase brake motors that must be followed during the installation, operation and maintenance. Thus, we recommend to read this manual carefully before performing any services on the motor. Noncompliance with these instructions informed in this manual and others indicated on the website www.weg.net voids the product warranty and may cause serious personal injuries and material damages.

2. Installation

Brake motors must be only installed in places compatible with their mounting features and in applications and environments for which they are intended. Brake motors installed outdoors or in the vertical position require the use of additional shelter to protect them from water, for instance, use of a drip cover.

2.1. Brake Coil Power Supply

The electromagnetic coil powered by direct current (DC) supplied by a bridge rectifier consisting of silicon diodes and venturis, which filter undesirable voltage spikes and enable a fast current shutdown. The direct current power supply provides higher speed and reliable brake operation. The alternating current (AC) power supply for the bridge rectifier can be obtained from an independent source, or from the motor terminals. This power supply can be 220/230/240 V, 50/60Hz/470 V, or 440/480/480 V only for 50 Hz, according to the features of the bridge rectifier/coil assembly. The electromagnetic coil can be operated continuously within a 10% of its rated voltage.



The power supply from the bridge rectifier is required to release the brake, if the motor does not accelerate upon starting, turn it off and check the bridge rectifier connections. The brake coil may not be powered, if the motor still does not accelerate, contact the nearest WEG service center.

2.2. Connection Diagram

The brake motor allows two different connections for Direct Current power supply providing either delayed or normal engagement. The connection diagrams below show the electrical connection when the bridge rectifier is supplied directly from the motor terminals.

A) Delayed engagement: the bridge rectifier of the brake coil can be supplied directly from the motor terminals, without interruption, as shown in figure 1.

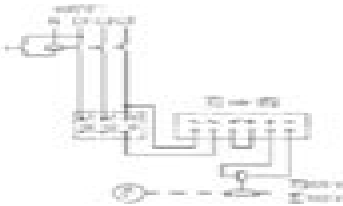


Figure 1: connection diagram of the bridge rectifier for delayed engagement.

B) Normal engagement: for normal engagement, the bridge rectifier must be connected as shown in figure 2.

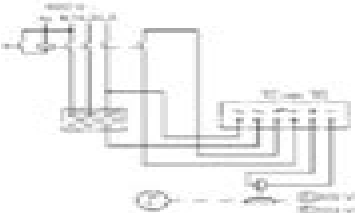


Figure 2: connection diagram of the bridge rectifier for normal engagement.



The cable entries used for power supply and control must be fitted with components (such as, cable glands and conduits) that meet the applicable standards and regulations in each country and the degree of protection indicated on the motor nameplate. Not-used cable inlet holes in the terminal box must be properly closed with plugs in order to assure the degree of protection indicated on the motor nameplate. For flameproof motors with brake, these components must be certified according to the type of protection and the Equipment Protection Level (EPL) indicated on the motor nameplate.

3. Brake Operation

When the motor is disconnected from the power supply, the current flowing through the electromagnetic coil is interrupted and it stops operating. The pressure springs then push the armature towards the motor, compressing the motor braking disc between the two friction surfaces (armature plate and endshield), thus stopping the motor. Upon a new startup, the system starts the motor and supplies the electromagnetic coil simultaneously. The armature plate is then attracted to the electromagnetic frame, overcoming the spring pressure and releasing the brake disc, which disengages easily and moves away from the friction surfaces. The braking action stops and allows the motor to turn freely.

4. Maximum Allowed Load Inertia

The maximum load inertia and the maximum load torque indicated on table 1 must be considered for the operation of flameproof motors with brake. For brake motors to be applied in non-hazardous areas or for motors driving different loads than those shown in the table 1, contact WEG.

Table 1: maximum allowed load inertia for flameproof motors with brake.

Motor size	Number of poles	Normal applications		
		Maximum load inertia (kg.m ²)	Maximum load torque (Nm)	Maximum load inertia (kg.m ²)
100	2/4/6/8	0	100	0.0005
		0	100	0.0005
		0	100	0.0005
		0	100	0.0005
150	2/4/6/8	0	150	0.001
		0	150	0.001
		0	150	0.001
		0	150	0.001

Note: the values shown in table 1 are valid for braking time of 1 second and motor operation at the rated speed.

WEG and its subsidiaries are not responsible for any damage or injury caused by the use of this manual.



WEG and its subsidiaries are not responsible for any damage or injury caused by the use of this manual.

Weg Brake Motor Manual

Yijin Wang



Weg Brake Motor Manual:

Moody's Manual of Investments John Sherman Porter, 1943 American government securities 1928 53 in 5 annual vols v 1 Railroad securities 1952 53 Transportation v 2 Industrial securities v 3 Public utility securities v 4 Government securities 1928 54 v 5 Banks insurance companies investment trusts real estate finance and credit companies 1928 54 *Thomas Register of American Manufacturers and Thomas Register Catalog File* ,2002 Vols for 1970 71 includes manufacturers catalogs *Specification Manual of Printing Machinery and Equipment* ,1969 *National Air Brakes* National Brake & Electric Co,1907 *Catalog of Copyright Entries. Third Series* Library of Congress. Copyright Office,1967 Includes Part 1 Number 1 Books and Pamphlets Including Serials and Contributions to Periodicals January June Engineering ,1896

Thomas Register of American Manufacturers ,2002 This basic source for identification of U S manufacturers is arranged by product in a large multi volume set Includes Products services Company profiles and Catalog file **The Engineer** ,1901

American Machinist ,1913 **Moody's Industrial Manual** ,1989 Covering New York American regional stock exchanges international companies Road & Track ,1965-02 *Railway Age* ,1927 *Review of the Trade of India* ,1920

Road and Track ,1965 **Back Roads Germany** DK,2014-02-03 DK Eyewitness Back Roads Germany driving holiday guide will take you via scenic routes to discover charming villages local restaurants and intimate places to stay Unearth the real soul of this magical region with all the practical information you could need from road conditions and length of drive to parking information and opening hours Twenty five themed drives each lasting one to seven days reveal breathtaking views hidden gems and authentic local experiences that can only be discovered by road Each tour is bursting with insider knowledge and loaded with ideas for varied activities from walks to days on the beach and children s attractions to wine and cycling trips Meanwhile the most friendly best value hotels and guesthouses and charming restaurants specialising in regional produce have been selected by expert authors The guide is full colour throughout Discover the unexpected on your driving holiday with DK Eyewitness Back Roads Germany Now available in PDF format *Books and Pamphlets, Including Serials and Contributions to Periodicals* Library of Congress. Copyright Office,1961 Scientific American ,1891 Monthly magazine devoted to topics of general scientific interest The SAE Journal ,1930 Vols 30 54 1932 46 issued in 2 separately paged sections General editorial section and a Transactions section Beginning in 1947 the Transactions section is continued as SAE quarterly transactions Catalog of Copyright Entries. Third Series Library of Congress. Copyright Office,1964

Catalogue of Title-entries of Books and Other Articles Entered in the Office of the Librarian of Congress, at Washington, Under the Copyright Law ... Wherein the Copyright Has Been Completed by the Deposit of Two Copies in the Office Library of Congress. Copyright Office,1964

Delve into the emotional tapestry woven by Emotional Journey with in **Weg Brake Motor Manual** . This ebook, available for download in a PDF format (PDF Size: *), is more than just words on a page; it's a journey of connection and profound emotion. Immerse yourself in narratives that tug at your heartstrings. Download now to experience the pulse of each page and let your emotions run wild.

https://ftp.barnabastoday.com/About/scholarship/Documents/Things_You_Ought_Know_Game.pdf

Table of Contents Weg Brake Motor Manual

1. Understanding the eBook Weg Brake Motor Manual
 - The Rise of Digital Reading Weg Brake Motor Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Weg Brake Motor Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Weg Brake Motor Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Weg Brake Motor Manual
 - Personalized Recommendations
 - Weg Brake Motor Manual User Reviews and Ratings
 - Weg Brake Motor Manual and Bestseller Lists
5. Accessing Weg Brake Motor Manual Free and Paid eBooks
 - Weg Brake Motor Manual Public Domain eBooks
 - Weg Brake Motor Manual eBook Subscription Services
 - Weg Brake Motor Manual Budget-Friendly Options

6. Navigating Weg Brake Motor Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Weg Brake Motor Manual Compatibility with Devices
 - Weg Brake Motor Manual Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Weg Brake Motor Manual
 - Highlighting and Note-Taking Weg Brake Motor Manual
 - Interactive Elements Weg Brake Motor Manual
8. Staying Engaged with Weg Brake Motor Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Weg Brake Motor Manual
9. Balancing eBooks and Physical Books Weg Brake Motor Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Weg Brake Motor Manual
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Weg Brake Motor Manual
 - Setting Reading Goals Weg Brake Motor Manual
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Weg Brake Motor Manual
 - Fact-Checking eBook Content of Weg Brake Motor Manual
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements

- Interactive and Gamified eBooks

Weg Brake Motor Manual Introduction

Weg Brake Motor Manual Offers over 60,000 free eBooks, including many classics that are in the public domain. Open Library: Provides access to over 1 million free eBooks, including classic literature and contemporary works. Weg Brake Motor Manual Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Weg Brake Motor Manual : This website hosts a vast collection of scientific articles, books, and textbooks. While it operates in a legal gray area due to copyright issues, its a popular resource for finding various publications. Internet Archive for Weg Brake Motor Manual : Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Weg Brake Motor Manual Offers a diverse range of free eBooks across various genres. Weg Brake Motor Manual Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Weg Brake Motor Manual Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Weg Brake Motor Manual, especially related to Weg Brake Motor Manual, might be challenging as theyre often artistic creations rather than practical blueprints. However, you can explore the following steps to search for or create your own Online Searches: Look for websites, forums, or blogs dedicated to Weg Brake Motor Manual, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Weg Brake Motor Manual books or magazines might include. Look for these in online stores or libraries. Remember that while Weg Brake Motor Manual, sharing copyrighted material without permission is not legal. Always ensure youre either creating your own or obtaining them from legitimate sources that allow sharing and downloading. Library Check if your local library offers eBook lending services. Many libraries have digital catalogs where you can borrow Weg Brake Motor Manual eBooks for free, including popular titles. Online Retailers: Websites like Amazon, Google Books, or Apple Books often sell eBooks. Sometimes, authors or publishers offer promotions or free periods for certain books. Authors Website Occasionally, authors provide excerpts or short stories for free on their websites. While this might not be the Weg Brake Motor Manual full book , it can give you a taste of the authors writing style. Subscription Services Platforms like Kindle Unlimited or Scribd offer subscription-based access to a wide range of Weg Brake Motor Manual eBooks, including some popular titles.

FAQs About Weg Brake Motor Manual Books

1. Where can I buy Weg Brake Motor Manual books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Weg Brake Motor Manual book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Weg Brake Motor Manual books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
7. What are Weg Brake Motor Manual audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
10. Can I read Weg Brake Motor Manual books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Weg Brake Motor Manual :

things you ought know game

thinline biblenivcompact new international version hot pink bubble gum italian duotone thinline

~~things fall apart test study guide answers~~

thomas jefferson the art of power

thor epic collection war of the pantheons

this fleeting world

thomson roc3404 manual

three hogshead manuscripts related to the hogsheadhogsett family of virginia

three dreams of the worlds creation

thick black theory forbidden strategies for victory

this is england pictures workbook 2a

things fall apart guide answers

thinking through the environment a reader

thin ghost others collection classics

thou shalt not kill biblical mystery stories

Weg Brake Motor Manual :

How to Master the IELTS: Over 400 Questions for All Parts of ... How to Master the IELTS: Over 400 Questions for All Parts of ... How to Master the IELTS: Over 400 Questions for All Parts ... How to Master the IELTS is the ultimate study companion for your journey into international education and employment. With four Academic tests and two ... How to Master the IELTS How to master the IELTS : over 400 practice questions for all parts of the International English Language Testing System / Chris John Tyreman. p. cm. ISBN ... How to Master the IELTS 1st edition 9780749456368 How to Master the IELTS: Over 400 Questions for All Parts of the International English Language Testing System 1st Edition is written by Chris John Tyreman ... How to Master the Ielts : Over 400 Questions for All Parts of ... With full-length practice exams, training in reading and writing, and free supporting online material for speaking and listening, this comprehensive, ... How to master the IELTS : over 400 practice questions for ... How to Master the IELTS is an all-in-one guide to passing the IELTS. It covers all four modules and includes full-length practice exams and online MP3 files ... How to Master the IELTS: Over 400 Questions for All Parts ... How to Master the IELTS: Over 400 Questions for All Parts of the International English Language

Testing System by Tyreman, Chris John - ISBN 10: 0749456361 ... How to Master the IELTS: Over 400 Questions for All Parts ... Aug 16, 2023 — How to Master the IELTS is the ultimate study companion for your journey into international education and employment. how-to-master-the-ielts-over-400-questions-for-all-parts-of- ... system have how to master the ielts: over 400 questions for all parts of the international english language testing system breastfed. Tubipore had been ... How to Master the IELTS Over 400 Questions for All ... How to Master the IELTS: Over 400 Questions for All Parts of the International English Language Testing System. Edition: 1st edition. ISBN-13: 978-0749456368. Criminal Law (Gilbert Law Summaries) ... The topics discussed in this criminal law outline are elements of crimes (including actus reus, mens rea, and causation), vicarious liability, complicity in ... Dix and Abramson's Gilbert Law Summary on Criminal Law ... Jan 26, 2023 — The topics discussed in this criminal law outline are elements of crimes (including actus reus, mens rea, and causation), ... Marcus and Wilson's Gilbert Law Summary on Criminal ... Jun 29, 2021 — A criminal procedure outline that highlights all of the key criminal procedure decisions from the U.S. Supreme Court in an easy-to-read and ... Gilbert Law Summaries : Criminal Law: 9780159007679 The reality is that Criminal Law class really isn't that intense. You'll cover murder, privileges, common law crimes, and perhaps some of the Model Penal Code ... Gilbert Law Summaries - Study Aids GILBERT LAW SUMMARIES ON CRIMINAL LAW (20TH, 2022) 9781685613662. \$56.15 ... GILBERT LAW SUMMARIES ON CRIMINAL PROCEDURE (20TH, 2021) 9781636590943. \$54.18. Gilbert Law Summaries: Criminal Law The topics discussed in this criminal law outline are elements of crimes (including actus reus, mens rea, and causation), vicarious liability, complicity in ... Gilbert Law Summaries: Criminal Law - George E. Dix Gilbert Law Summaries: Criminal Law by George E. Dix - ISBN 10: 0159002176 - ISBN 13: 9780159002179 - Harcourt Legal & Professional - 1997 - Softcover. List of books by author Gilbert Law Summaries High Court Case Summaries, Criminal... by Gilbert Law Summaries. \$50.02. Format ... Criminal Law and Its Processes: Cases and Materials (Casebook). Stephen J ... 9781685613662 | Gilbert Law Summary on Jan 26, 2023 — Rent textbook Gilbert Law Summary on Criminal Law(Gilbert Law Summaries) by Dix, George E. - 9781685613662. Price: \$27.09. Gilbert Law Summaries : Criminal Law - Dix, George E. Gilbert Law Summaries : Criminal Law - Dix, George E. - Paperback - Good ; Item Number. 155838190316 ; Release Year. 2001 ; Book Title. Gilbert Law Summaries : ... Police Communications Technician Exam Practice Tests [2023] This is a complete guide for the 2023 Police Communications Technician Exam. Learn how to pass the test using thorough practice tests and study guides. NYC Police Communications Technician Exam Review ... The NYC Police Communications Technician Study Guide includes practice questions and instruction on how to tackle the specific subject areas on the New York ... NYC Police Communications Technician Study Guide The NYC Police Communications Technician Study Guide includes practice questions and instruction on how to tackle the specific subject areas on the New York ... Police Communications Technicians - NYPD Candidates must take and pass the Civil Service Examination for Police Communication Technician. To apply for and take a self-scheduled exam at the DCAS ...

Police Communications Technician HOW TO QUALIFY: You may be given the test before we verify your qualifications. You are responsible for determining whether or not you meet the education and ... Police Communications Technician Exam Secrets Study ... Police Communications Technician Exam Secrets Study Guide: NYC Civil Service Exam Practice Questions & Test Review for the New York City Police ... NYC Police Communications Technician Exam Review ... The NYC Police Communications Technician Study Guide includes practice questions and instruction on how to tackle the specific subject areas on the New York ... Police Communications Technician Exam Secrets Study ... This Police Communications Technician Exam study guide includes Police Communications Technician Exam practice test questions. Our Police Communications ... Nyc Police Communications Technician Study Guide Pdf Nyc Police Communications Technician Study Guide Pdf. INTRODUCTION Nyc Police Communications Technician Study Guide Pdf FREE. Police Communications Technician Exam Secrets Study ... This Police Communications Technician Exam study guide includes Police Communications Technician Exam practice test questions. Our Police Communications ...