

ASCO 4000 SERIES ATS

Automatic Open-Transition Transfer Switches

D—design 30 - 230 A, J—design 260 - 600A,

H—design 800 - 1200A, G—design 1000 - 4000A,

F—design 4000A

Operator's Manual

381333-270 ©

8/2018



DANGER

DANGER is used in this manual to warn of a hazardous situation which, if not avoided, will result in death or serious injury.



WARNING

WARNING is used in this manual to warn of a hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION

CAUTION is used in this manual to warn of a hazardous situation which, if not avoided, could result in minor or moderate injury.

Refer to the outline and wiring drawings provided with your 4000 Series ATS for all installation and connection details and accessories.

Refer to Group B Controller User's Guide 381333-126 for ATS status display messages, time delays, pickup & dropout settings, and adjustments.

Rating Label

Each automatic transfer switch contains a rating label to define the loads and fault circuit withstand / clearing ratings. Refer to the label on the transfer switch for specific values.



WARNING

Do not exceed the values on the rating label. Exceeding the rating can cause personal injury or serious equipment damage.

An experienced licensed electrician must install the ATS.



Ats 4000 Series User Manual

American Radio Relay League

A red circular graphic with a gradient, appearing as a stylized arrow or a partial circle, located to the right of the American Radio Relay League text.

Ats 4000 Series User Manual:

Operator's Manual ,1992 **The Nimbus 6 User's Guide** Goddard Space Flight Center,1975 **The ARRL**

Operating Manual American Radio Relay League,1995 **Cellular Communications** Nishith Tripathi,Jeffrey H.

Reed,2014-09-12 Even as newer cellular technologies and standards emerge many of the fundamental principles and the components of the cellular network remain the same Presenting a simple yet comprehensive view of cellular communications technologies Cellular Communications provides an end to end perspective of cellular operations ranging from physical layer details to call set up and from the radio network to the core network This self contained source for practitioners and students represents a comprehensive survey of the fundamentals of cellular communications and the landscape of commercially deployed 2G and 3G technologies and provides a glimpse of emerging 4G technologies **Austrian Information** ,2002

Computerworld ,1988-05-09 For more than 40 years Computerworld has been the leading source of technology news and information for IT influencers worldwide Computerworld s award winning Web site Computerworld com twice monthly publication focused conference series and custom research form the hub of the world s largest global IT media network

Technologies and Approaches to Reducing the Fuel Consumption of Medium- and Heavy-Duty Vehicles

National Research Council,Transportation Research Board,Division on Engineering and Physical Sciences,Board on Energy and Environmental Systems,Committee to Assess Fuel Economy Technologies for Medium- and Heavy-Duty Vehicles,2010-08-30 Technologies and Approaches to Reducing the Fuel Consumption of Medium and Heavy Duty Vehicles evaluates various technologies and methods that could improve the fuel economy of medium and heavy duty vehicles such as tractor trailers transit buses and work trucks The book also recommends approaches that federal agencies could use to regulate these vehicles fuel consumption Currently there are no fuel consumption standards for such vehicles which account for about 26 percent of the transportation fuel used in the U S The miles per gallon measure used to regulate the fuel economy of passenger cars is not appropriate for medium and heavy duty vehicles which are designed above all to carry loads efficiently Instead any regulation of medium and heavy duty vehicles should use a metric that reflects the efficiency with which a vehicle moves goods or passengers such as gallons per ton mile a unit that reflects the amount of fuel a vehicle would use to carry a ton of goods one mile This is called load specific fuel consumption LSFC The book estimates the improvements that various technologies could achieve over the next decade in seven vehicle types For example using advanced diesel engines in tractor trailers could lower their fuel consumption by up to 20 percent by 2020 and improved aerodynamics could yield an 11 percent reduction Hybrid powertrains could lower the fuel consumption of vehicles that stop frequently such as garbage trucks and transit buses by as much 35 percent in the same time frame *Computerworld* ,1985-07-08 For more than 40 years Computerworld has been the leading source of technology news and information for IT influencers worldwide Computerworld s award winning Web site Computerworld com twice monthly publication focused

conference series and custom research form the hub of the world's largest global IT media network **InfoWorld**, 1989-03-06 InfoWorld is targeted to Senior IT professionals Content is segmented into Channels and Topic Centers InfoWorld also celebrates people companies and projects **Tax Guide for Small Business**, 1966 *Power Engineering*, 1973 **Protestants & Pictures** David Morgan, 1999 In exploring the rise of this culture author David Morgan shows how Protestants used mass produced images to dedicate religious revival proselytism mass education and domestic nurture to the aim of national renewal BOOK JACKET **Networking -- ICN 2005** Pascal Lorenz, Petre Dini, 2005-04-04 The two volume set LNCS 3420 3421 constitutes the refereed proceedings of the 4th International Conference on Networking ICN 2005 held in Reunion Island France in April 2005 The 238 revised full papers presented were carefully reviewed and selected from 651 submissions The papers are organized in topical sections on grid computing optical networks wireless networks QoS WPAN sensor networks traffic control communication architectures audio and video communications differentiated services switching streaming MIMO MPLS ad hoc networks TCP routing signal processing mobility performance peer to peer networks network security CDMA network anomaly detection multicast 802.11 networks and emergency disaster and resiliency **InfoWorld**, 1988-09-05 InfoWorld is targeted to Senior IT professionals Content is segmented into Channels and Topic Centers InfoWorld also celebrates people companies and projects Real-Time and Embedded Computing Systems and Applications Jing Chen, Seongsoo Hong, 2004-04-08 This volume contains the 37 papers presented at the 9th International Conference on Real Time and Embedded Computing Systems and Applications RTCSA 2003 RTCSA is an international conference organized for scientists and researchers from both academia and industry to hold intensive discussions on advancing technologies topics on real time systems embedded systems ubiquitous pervasive computing and related topics RTCSA 2003 was held at the Department of Electrical Engineering of National Cheng Kung University in Taiwan Paper submissions were well distributed over the various aspects of real time computing and embedded system technologies There were more than 100 participants from all over the world The papers including 28 regular papers and 9 short papers are grouped into the categories of scheduling networking and communication embedded systems pervasive ubiquitous computing systems and architectures resource management systems and databases performance analysis and tools and development The grouping is basically in accordance with the conference program Earlier versions of these papers were published in the conference proceedings However some papers in this volume have been modified or improved by the authors in various aspects based on comments and feedback received at the conference It is our sincere hope that researchers and developers will benefit from these papers We would like to thank all the authors of the papers for their contribution We thank the members of the program committee and the reviewers for their excellent work in evaluating the submissions We are also very grateful to all the members of the organizing committees for their help guidance and support **Network World**, 1991-11-18 For more than 20 years Network World has been the premier provider of information

intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations Readers are responsible for designing implementing and managing the voice data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce **PC Mag**,1986-07 PCMag com is a leading authority on technology delivering Labs based independent reviews of the latest products and services Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology **Maintaining Mission Critical Systems in a 24/7 Environment** Peter M. Curtis,2007-04-13 The latest tested and proven strategies to maintain business resiliency and sustainability for our ever growing global digital economy Here is a comprehensive study of the fundamentals of mission critical systems which are designed to maintain ultra high reliability availability and resiliency of electrical mechanical and digital systems and eliminate costly downtime Readers learn all the skills needed to design fine tune operate and maintain mission critical equipment and systems Practical in focus the text helps readers configure and customize their designs to correspond to their organizations unique needs and risk tolerance Specific strategies are provided to deal with a wide range of contingencies from power failures to human error to fire In addition the author highlights measures that are mandated by policy and regulation The author of this text has worked in mission critical facilities engineering for more than twenty years serving clients in banking defense utilities energy and education environments His recommendations for maintaining essential operations are based on firsthand experience of what works and what does not Most chapters in this text concentrate on an individual component of the mission critical system including standby generators automatic transfer switches uninterruptible power supplies and fuel fire and battery systems For each component the author sets forth applications available models design choices standard operating procedures emergency action plans maintenance procedures and applicable codes and standards Extensive use of photographs and diagrams illustrates how individual components and integrated systems work With the rapid growth of e commerce and 24 7 business operations mission critical systems have moved to the forefront of concerns among both private and public operations Facilities engineers senior administrators and business continuity professionals involved in information technology and data center design should consult this text regularly to ensure they have done everything they can to protect and sustain their operations to reduce human error equipment failures and other critical events Adapted from material the author has used in academic and professional training programs this guide is also an ideal desktop reference and textbook

Geomatica ,1998 **Scientific and Technical Aerospace Reports** ,1981

Unveiling the Magic of Words: A Overview of "**Ats 4000 Series User Manual**"

In some sort of defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their power to kindle emotions, provoke contemplation, and ignite transformative change is actually awe-inspiring. Enter the realm of "**Ats 4000 Series User Manual**," a mesmerizing literary masterpiece penned with a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve in to the book is central themes, examine its distinctive writing style, and assess its profound impact on the souls of its readers.

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