Skip to main content Skip to primary navigation
Menu
Home Home About this postal.
 About this portal Latest updates
<u>Latest updates</u>
Print Save Email
Resource detail
<u>Citations</u>
AS/NZS 3832:1998 Electrical installations - Cold-cathode illumination systems
Table of Contents
View on Information Provider website {{ linkText }}
((mixtexe))
Abbreviation
AS/NZS 3832:1998
Valid from
04/09/1998
Information provider
Standards New Zealand Author
Standards New Zealand, Standards Australia
Information type
New Zealand Standard
Format
PDF
Cited By
This resource is cited by 1 document (show Citations)
Description
This Standard sets out requirements for the construction, testing and methods of installation of cold-cathode illumination systems
(neon signs) to ensure safety from fire and electrical shock. It includes requirements for electrical components and wiring and
covers recommendations for maintenance and repair.
Scope
It applies to systems operating at no-load rated voltages greater than 1000 V and not greater than 15,000 V and having tube
currents of not more than 750 mA.
For assistance with locating previous versions, please contact the information provider.
Table of Contents View on Information Provider website {{ linkText }}

 $\label{prop:constraints} \mbox{For assistance with locating previous versions, please contact the information provider.}$

This resource is cited by:

AS/NZS 3832:1998 Electrical installations - Cold-cathode illumination systems

This document is CITED BY:

AS/NZS 3000:2007

AS/NZS 3832:1998 is cited by AS/NZS 3000:2007 Electrical installations (known as the Australian/New Zealand Wiring Rules)



AS/NZS 3832:1998 Electrical installations - Cold-cathode illumination systems

Show what documents this resource is CITED BY

Show what documents this resource CITES

Description

This Standard sets out requirements for the construction, testing and methods of installation of cold-cathode illumination systems (neon signs) to ensure safety from fire and electrical shock. It includes requirements for electrical components and wiring and covers recommendations for maintenance and repair.

View on Information Provider website

AS/NZS 3832:1998 Electrical installations - Cold-cathode illumination systems

Description

This Standard sets out requirements for the construction, testing and methods of installation of cold-cathode illumination systems (neon signs) to ensure safety from fire and electrical shock. It includes requirements for electrical components and wiring and covers recommendations for maintenance and repair.

View on Information Provider website

This resource does not cite any other resources.

AS/NZS 3832:1998 Electrical installations - Cold-cathode illumination systems

This resource does not CITE any other resources.



Table of Contents

Section 1 General

- 1.1 Scope And Application
- 1.2 Referenced Documents
- 1.3 Definitions
- 1.4 Fundamental Principles
- 1.5 Marking

1.6 Maintenance
Section 2 Safety
2.1 Protection Against Electric Shock
2.2 Protection Against Thermal Effects In Normal Service
2.3 Flammable And Explosive Conditions
Section 3 Design, Construction And Installation
3.1 General
3.2 Installation Of Type I Systems And Erection Of Type Ii Systems
3.3 Requirements For Transformers, Inverters, Convertors And Ballasts
3.4 Open-Circuit protective devices
3.5 Protection Against Ingress Of Water And Access To Hazardous Parts
3.6 Isolating Switch
3.7 Temperature Rating Of Components
Section 4 Wiring
4.1 General
4.2 Insulated Cables
4.3 Distance Between Supports Of Insulated Cables
4.4 Separation From Adjacent Metal
4.5 Bare Conductors Or Cables Not Complying With As/NZS 3166
4.6 Tubulation
4.7 Segregation Of Circuits
4.8 Earthing
4.9 Earthing Not Required
4.10 Entry Of Cables

4.11 Cord Anchorage

Section 5 Cold-Cathode Tubes
5.1 Supports For Cold-Cathode Tubes
5.2 Clearance From Material
5.3 Entry Of Tubes Into Enclosures
Section 6 Inspection And Testing
6.1 Inspection And Testing Of Type I Systems
6.2 Inspection And Testing Of Type Ii Systems
Appendices
Appendix A - Illustration Of The Definition Of Arm's Reach
Appendix B - Illustration Of Metal Not Required To Be Earthed
Appendix C - Typical Syllabus Of A Training Course For Competent Persons
Appendix D - Typical Statement Of Conformity
Appendix E - Dangerous Voltage Symbol 417-lec-5036-50 In Accordance With As 1104
Appendix F - Maintenance Guide
Appendix G - Cold-Cathode System Circuits
Appendix H - Method Of Making Twisted Connections
Appendix I - Examples Of Tube Connections
Appendix J - Methods Of Testing Transformer Loading
Appendix K - Brief Description Of IP Ratings
Print Save Email Feedback Contact us Privacy policy Disclaimer
• Copyright

