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Thyristor rectifiers for floating charge

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Contents

	Page
Introduction	1
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Classification	4
4.1 Classification by nominal d.c. voltage and rated d.c. current	4
4.2 Classification by construction	4
5 Rating	5
5.1 A.C. ratings	5
5.2 D.C. ratings	5
6 Service conditions	7
6.1 Standard service conditions	7
6.2 Special service conditions	7
7 Performances	8
7.1 Voltage and current characteristics	8
7.2 Temperature rise	8
7.3 Efficiency	9
7.4 Dielectric withstand voltage	9
7.5 Noise	9
7.6 Operation	9
7.7 Insulation resistance	9
8 Construction	9
8.1 General construction	9
8.2 Class of wires	10
8.3 Arrangement of terminals	10
8.4 Circuit configuration	11
8.5 Coating colour, colour coding of wires and conductors	12
9 Shapes and dimensions	14
9.1 Shape of cabinets and arrangement of apparatus on panel	14
9.2 Dimensions of cabinets	15
10 Materials and principal components	19
11 Tests	20
11.1 Test conditions	20
11.2 Test load	20
11.3 Test items and type inspection items	20

11.4	Test methods	21
12	Acceptance inspection	23
13	Designation of product	23
14	Marking	23

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Battery Association of Japan (BAJ)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS C 4402** : 2004 is replaced with this Standard.

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Thyristor rectifiers for floating charge

Introduction

This Japanese Industrial Standard was established in March 1980. In the last revision in 2004, a thorough review was made which resulted in changes of normative references, enlargement of direct current range, changes in requirements of battery accommodation system and outside dimensions of cabinet, etc. related to the addition of valve regulated lead-acid batteries. The revision at this time is principally aimed at expanding the scope so as to include small valve-controlled lead-acid batteries, and seeking harmonization with the revised Fire Defense Law.

1 Scope

This Standard specifies the thyristor rectifiers for floating charge (hereafter referred to as “rectifiers”) of batteries specified in JIS C 8702-1, JIS C 8702-2, JIS C 8702-3, JIS C 8704-1, JIS C 8704-2-1, JIS C 8704-2-2 and JIS C 8706, of which the nominal d.c. voltage is 200 V or less and the rated d.c. current is 600 A or less. Rectifiers used for communication equipment are excluded.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS B 0405 *General tolerances — Part 1 : Tolerances for linear and angular dimensions without individual tolerance indications*

JIS C 1102-1 *Direct acting indicating analogue electrical measuring instruments and their accessories — Part 1 : Definitions and general requirements common to all parts*

JIS C 1102-2 *Direct acting indicating analogue electrical measuring instruments and their accessories Part 2 : Special requirements for ammeters and voltmeters*

JIS C 1102-8 *Direct acting indicating analogue electrical measuring instruments and their accessories Part 8 : Special requirements for accessories*

JIS C 1103 *Dimensions of electrical indicating instruments for switchboards*

JIS C 1509-1 *Electroacoustics — Sound level meters — Part 1 : Specifications*

JIS C 2552 *Non-oriented magnetic steel sheet and strip*