

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Series capacitors for power systems –
Part 4: Thyristor controlled series capacitors**

**Condensateurs série destinés à être installés sur des réseaux –
Partie 4: Condensateurs série commandés par thyristors**



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IEC 60143-4

Edition 2.0 2023-12

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INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 29.240.99, 31.060.70

ISBN 978-2-8322-8029-4

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CONTENTS

FOREWORD.....	5
1 Scope.....	7
2 Normative references	7
3 Terms, definitions and abbreviated terms	8
3.1 Terms and definitions.....	8
3.2 Abbreviated terms.....	11
4 Operating and rating considerations	11
4.1 General.....	11
4.2 TCSC characteristics	14
4.3 Operating range.....	15
4.4 Reactive power rating	16
4.5 Power oscillation damping (POD).....	16
4.6 SSR mitigation	16
4.7 Harmonics	17
4.8 Control interactions between TCSCs in parallel lines	17
4.9 Operating range, overvoltages and duty cycles	17
4.9.1 Operating range.....	17
4.9.2 Transient overvoltages	18
4.9.3 Duty cycles.....	18
5 Valve control	18
5.1 Triggering system	18
5.2 System aspects	19
5.3 Normal operating conditions.....	19
5.4 Valve firing during system faults	20
5.5 Actions at low line current.....	20
5.6 Monitoring.....	20
6 Ratings.....	20
6.1 General.....	20
6.2 Capacitor rating	21
6.3 Reactor rating	21
6.4 Thyristor valve rating	21
6.4.1 General	21
6.4.2 Current capability	21
6.4.3 Voltage capability	22
6.5 Varistor rating	24
6.6 Insulation level and creepage distance.....	25
7 Tests	25
7.1 General.....	25
7.2 Test of the capacitor	25
7.2.1 General	25
7.2.2 Routine tests	25
7.2.3 Type tests.....	26
7.2.4 Special test (ageing test).....	26
7.3 Tests of the TCSC reactor	26
7.3.1 General	26
7.3.2 Routine tests	26

7.3.3	Type tests.....	27
7.3.4	Special tests.....	27
7.4	Tests of thyristor valves.....	27
7.4.1	General.....	27
7.4.2	Routine tests.....	27
7.4.3	Type tests.....	28
7.5	Tests of protection and control system.....	28
7.5.1	General.....	28
7.5.2	Routine tests.....	28
7.5.3	Type tests.....	29
7.5.4	Special tests – Hardware-in-the-loop (HIL) tests.....	29
8	Guidance for selection of rating and operation.....	30
8.1	General.....	30
8.2	Thyristor controlled series capacitor.....	31
8.2.1	AC transmission system.....	31
8.2.2	TCSC operational objectives.....	32
8.2.3	TCSC ratings.....	32
8.3	Thyristor valves.....	34
8.4	Capacitors and reactors.....	34
8.4.1	General.....	34
8.4.2	Capacitor considerations.....	34
8.4.3	Reactor considerations.....	34
8.5	Fault duty cycles for varistor rating.....	35
8.6	Valve cooling system.....	36
8.7	TCSC control and protection.....	36
8.7.1	General.....	36
8.7.2	Control.....	37
8.7.3	Protection.....	39
8.7.4	Monitoring and recording.....	39
8.8	Precommissioning and commissioning tests.....	40
8.8.1	General.....	40
8.8.2	Pre-commissioning tests.....	40
8.8.3	Station tests.....	41
	Bibliography.....	43
	Figure 1 – Typical nomenclature of a TCSC installation.....	12
	Figure 2 – TCSC subsegment.....	13
	Figure 3 – TCSC steady state waveforms for control angle α and conduction interval σ	14
	Figure 4 – TCSC apparent reactance characteristics according to Formula (1), with $\lambda = 2,5$	15
	Figure 5 – Example of TCSC operating range for POD (left) and SSR mitigation (right).....	15
	Figure 6 – Valve base electronics (VBE).....	18
	Figure 7 – Valve electronics (VE).....	19
	Figure 8 – Thyristor valve voltage in a TCSC.....	23
	Figure 9 – Typical block diagram of a real time TCSC protection and control system simulation environment.....	30
	Figure 10 – Example of operating range diagram for TCSC.....	33

Table 1 – Peak and RMS voltage relationships 13

Table 2 – Typical external fault duty cycle with unsuccessful high speed auto-reclosing 35

Table 3 – Typical duty cycle for internal fault with successful high speed auto-reclosing 35

Table 4 – Typical duty cycle for internal fault with unsuccessful high speed auto-reclosing 36

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SERIES CAPACITORS FOR POWER SYSTEMS –**Part 4: Thyristor controlled series capacitors**

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This second edition cancels and replaces the first edition published in 2010. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) thyristor valve testing requirements refer to IEC 62823;
- b) Formula (1) in Subclause 4.2 has been corrected;
- c) Hardware-in-the-loop (HIL) tests, Subclause 7.5.4, replaces previously specified real time protection and control system test with network simulator.

The text of this International Standard is based on the following documents:

Draft	Report on voting
33/696/FDIS	33/702/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This part of IEC 60143 is to be used in conjunction with the following standards:

- IEC 60143-1:2015,
- IEC 60143-2:2012,
- IEC 60143-3:2015.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

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