

Supplement to IEEE Standard Rating Structure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis

Sponsor
**Switchgear Committee
of the
IEEE Power Engineering Society**

Approved December 6, 1990
IEEE Standards Board

The Institute of Electrical and Electronics Engineers, Inc. 345 East 47th Street, New York, NY 10017-2394, USA

© 1991 by the Institute of Electrical and Electronics Engineers, Inc.

All rights reserved. Published 1991. Printed in the United States of America

ISBN 1-55937-109-9

No part of this publication may be reproduced in any form, in an electronic retrieval system or otherwise, without the prior written permission of the publisher.

Supplement to IEEE Standard Rating Structure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis

On page 28 of IEEE C37.04-1979, add subsection 6.5 as follows:

6.5 Operating Mechanism Requirements

The circuit breaker operating mechanism(s) shall be “trip-free” or “trip-free in any position.” To meet either of these requirements, the tripping function shall prevail over the closing function when a tripping signal is received while a closing operation is being executed, even if the closing signal is maintained.

Circuit breaker contacts shall be permitted to be closed momentarily during either type of trip-free operation.

NOTE — If the tripping circuit is completed through the circuit breaker auxiliary switch contact(s), electrical tripping devices will not be energized until after the auxiliary switch contacts have been closed.