

Reyrolle
Protection
Devices

7PG1968 - B68

Voltage Selection Relay

Answers for energy

SIEMENS

7PG1968 - B68

Voltage Selection Relay



Description

The relay is of the attracted armature type; the L-shaped armature operating the self-reset contacts directly. The element is basically an undervoltage device fitted with a rectifier and has 'pick-up' and 'drop-off' levels of 40 and 20% respectively.

Application

The type B68 relay meets the requirements of the UK National Grid for automatic voltage-selection at mesh substations. The relay is V.T. operated and automatically switches the voltage selection scheme when the associated V.T. becomes live/dead. It may be used for V.T. live/dead detection in other schemes.

Technical Information

Ratings	63.5V, 110V a.c.
Operating Time	30ms
Operating Range	40 to 120% of rating

Contact Arrangement

Epsilon E2 Case

2M2B, 2M4B, 4M2B or 4B.

Contact Rating

Making and carrying a maximum of 1500VA a.c. or 1500W d.c. within the under mentioned limits.

Voltage	660V
Current	3A continuously 8A for 3 seconds 16A for 1 second
Break	300VA a.c. or 75W d.c. (inductive) within the limits of 250V and 5A
Burden	3.5W

Ordering Information

Information required when ordering.

Voltage Rating

Contact Arrangement

Published by and copyright © 2011:

Siemens AG
Energy Sector
Freyeslebenstrasse 1
91058 Erlangen, Germany

Siemens Protection Devices Limited

P.O. Box 8
North Farm Road
Hebburn
Tyne & Wear
NE31 1TZ
United Kingdom
Phone: +44 (0)191 401 7901
Fax: +44 (0)191 401 5575
www.siemens.com/energy

For more information, please contact our
Customer Support Center.

Phone: +49 180/524 70 00
Fax: +49 180/524 24 71 (Charges depending on provider)
E-mail: support.energy@siemens.com

Power Distribution Division Order No. E53000-K7076-C42-2

Printed in Fürth

Printed on elementary chlorine-free bleached paper.

All rights reserved.

Trademarks mentioned in this document are the property of Siemens AG, its affiliates, or their respective owners.

Subject to change without prior notice.

The information in this document contains general descriptions of the technical options available, which may not apply in all cases. The required technical options should therefore be specified in the contract.