

Reyrolle
Protection
Devices

7PG1968 - B68

Voltage Selection Relay

Energy Management

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

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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

E-mail: marketing.spdl.gb@siemens.com

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For enquires please contact our Customer Support Center

Phone: +49 180/524 8437 (24hrs)

Fax: +49 180/524 24 71

E-mail: support.energy@siemens.com

www.siemens.com/protection

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