

Reyrolle  
Protection  
Devices

## **7PG1968 - B68**

Voltage Selection Relay

**Answers for energy**

**SIEMENS**  
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# 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 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](http://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](mailto:support.energy@siemens.com)

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