

## DPDT Basic Switch for Two Independent Circuit Control



- Ideal for switching the circuits operating on two different voltages, and for controlling two independent circuits.
- Interchangeable with OMRON Z Basic Switches, as both switches are identical in mounting hole dimensions, mounting pitch and pin plunger position.



Be sure to read *Safety Precautions* on page 7 and *Safety Precautions for All Basic Switches*.

For the most recent information on models that have been certified for safety standards, refer to your OMRON website.

## Model Number Structure

### Model Number Legend

**DZ-10G**□-1□

(1) (2)(3) (4)(5)

#### (1) Ratings

10 : 10 A (250 VAC)

#### (2) Contact Gap

G : 0.5 mm

#### (3) Actuator

None : Pin plunger  
 V : Hinge lever  
 V22 : Short hinge roller lever  
 W : Hinge lever  
 W22 : Short hinge roller lever  
 W2 : Hinge roller lever

#### (4) Contact Form

1 : DPDT

#### (5) Terminals

A : Solder terminal  
 B : Screw terminal

## Ordering Information

Actuator	Terminal	Terminal	
		Solder terminal (-1A)	Screw terminal (-B)
		Model	Model
Pin plunger		DZ-10G-1A	DZ-10G-1B
Hinge lever	High OT	DZ-10GW-1A	DZ-10GW-1B
	Low OT	DZ-10GV-1A	DZ-10GV-1B
Short hinge roller lever	High OT	DZ-10GW22-1A	DZ-10GW22-1B
	Low OT	DZ-10GV22-1A	DZ-10GV22-1B
Hinge roller lever	High OT	DZ-10GW2-1A	DZ-10GW2-1B
	Low OT	DZ-10GV2-1A	DZ-10GV2-1B

## Specifications

### Ratings

Rated voltage	Non-inductive load (A)				Inductive load (A)			
	Resistive load		Lamp load		Inductive load		Motor load	
	NC	NO	NC	NO	NC	NO	NC	NO
125 VAC	10		2	1	6		3	1.5
250 VAC	10		1.5	0.7	4		2	1
8 VDC	10		3	1.5	6		5	2.5
14 VDC	10		3	1.5	6		5	2.5
30 VDC	10		3	1.5	4		3	1.5
125 VAC	0.5		0.5		0.05		0.05	
250 VDC	0.25		0.25		0.03		0.03	

Note: 1. The above values are for steady-state current.

2. Inductive load has a power factor of 0.4 min. (AC) and a time constant of 7 ms max. (DC).

3. Lamp load has an inrush current of 10 times the steady-state current.

4. Motor load has an inrush current of 6 times the steady-state current.

5. The ratings values apply under the following test conditions:

(1) Ambient temperature: 20±2°C

(2) Ambient humidity: 65±5%RH

(3) Operating frequency: 20 operations/min

### Certified Standard Ratings

Ask your OMRON representative for information on certified models.

#### UL/CSA

Rated voltage	DZ-10G
125 VAC	10 A 1/8 HP
250 VAC	10 A 1/4 HP
480 VAC	2 A
125 VDC	0.5 A
250 VDC	0.25 A