

Outline of the Series

This is a compact snap-in rocker switch rated up to 10A, also available in LED spot illumination and dustproof types.

Features of the Series

1. Snap-in mounting allows for quick and easy installation.
2. Space-saving design with a minimum panel cutout size of 19.2 × 12.9 mm for single-pole models.
3. LED spot illumination type is available.
4. A dust-tight version is offered to prevent malfunction caused by foreign particles in factory or industrial environments.



Common Specifications

■ Ratings

Symbol Voltage	51, 53, 54	04	14	Load	Note
AC125V AC250V	10A	6A	3A	Resistive Load	Load only with Resistive, Power Factor=1

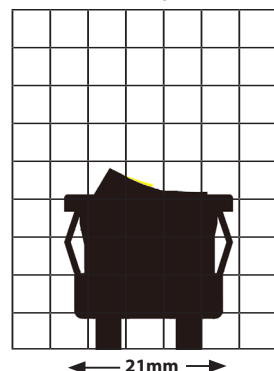
* A resistive load refers to a load consisting solely of resistance. In actual circuits, however, there may be inductive, capacitive, or motor loads, each of which can generate inrush current. Therefore, when selecting a switch, be sure to choose a rating with sufficient margin above the steady-state current.

For more details, please refer to "Useful Advices and Precautions on Usage of Operational Switches."

Packaging Quantity

VLA04 • 14 VLD04 • 14 VLK51 • 53	400 pcs
Others	200 pcs

Silhouette (VLK51)



Contact Resistance	20 mΩ Max. (DC2V 1A) (Initial value)
Withstanding Voltage	AC1,500V 1 Minute
Insulating Resistance	1,000MΩ Min. (DC500V)
Electrical Life	10,000 times
Operating Temperature Range	-20°C ~ +70°C
Storage Temperature Range	-20°C ~ +70°C
Hand-soldering Conditions	350 ± 3°C within 3 sec.

* For products other than those listed above or for custom items, please contact us.

Product Designations

Standard Type

Series Name	Operational-part Type	Switch Functions	Current Capacity	Type of Terminals	Details of Terminal Operational-part Indication
V	L	A	0	4	-61

Operational-part	Symbol
Rocker	L

Switch Functions			Symbol	
Left-push	Center	Right-push	SP	DP
ON	-	OFF	A	K
ON	-	ON	D	

Type of Terminals	Symbol
Solder Lug	1
PCB Terminal	3
Quick Connect #187	4

* SP is for Quick Connect #187 only.

Current Capacity	Symbol
6A 125/250V AC	0
3A 125/250V AC	1
10A 125/250V AC	5

* DP is with 10A only, SP is with 6A/3A only.

Details of terminal	Indication	Symbol
Solder Lug	Side ○	-
Solder Lug	White Dot	-60
Solder Lug	Upper ○	-62
PCB Terminal (Right-angle)	Side ○	-
PCB Terminal (Right-angle)	White Dot	-60
PCB Terminal (Right-angle)	Upper ○	-62
PCB Terminal (Left-angle)	Side ○	-18
PCB Terminal (Left-angle)	White Dot	-19
PCB Terminal (Left-angle)	Upper ○	-67
PCB Terminal (Straight)	Side ○	-17
PCB Terminal (Straight)	White Dot	-97
PCB Terminal (Straight)	Upper ○	-68
Quick Connect #187 (SP)	White Dot	-60
Quick Connect #187 (SP)	Side ○	-61
Quick Connect #187 (SP)	Upper ○	-62
Quick Connect #187 (DP)	Upper ○	-46
Quick Connect #187 (DP)	No indication	-48

Dust-tight Type

* SP is for -60, -61, -62 of Quick Connect #187 only.

Series Name	Operational-part Type	Switch Functions	Current Capacity	Type of Terminals	Operational-part Indication	Color of Operational-part
V	L	A	0	4	A	1

Operational-part	Symbol
Rocker	L

Current Capacity	Symbol
6A 125/250V AC	0

Switch Functions			Symbol
Left-push	Center	Right-push	SP
ON	-	OFF	A

Type of Terminals	Symbol
Quick Connect Terminal#187	4

Operational-part Indication	Symbol
Side ○	A
White Dot	B
Upper ○	C
No Indication	D

Color	Symbol
Black	1
Red	2

* The symbol of operational-part color is not displayed on the body.

* For Symbol A, the current ON/OFF status is indicated on the side of the actuator.
For Symbols C, the marking indicates the ON/OFF status that will result when that side is pressed. ("I" or "-" indicates ON, and "○" indicates OFF.)

Illuminated Type

Series Name	Operational-part Type	Switch Functions	Current Capacity	Type of Terminals	Illumination Type	Color of Operational-part or of LED
V	L	A	0	4	L	1

Operational-part	Symbol
Rocker	L

Current Capacity	Symbol
6A 125/250V AC	0

Switch Functions			Symbol
Left-push	Center	Right-push	SP
ON	-	OFF	A

Type of Terminals	Symbol
Quick Connect Terminal#187	4

LED Color	Symbol
Amber	1
Red	2
Green	3

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