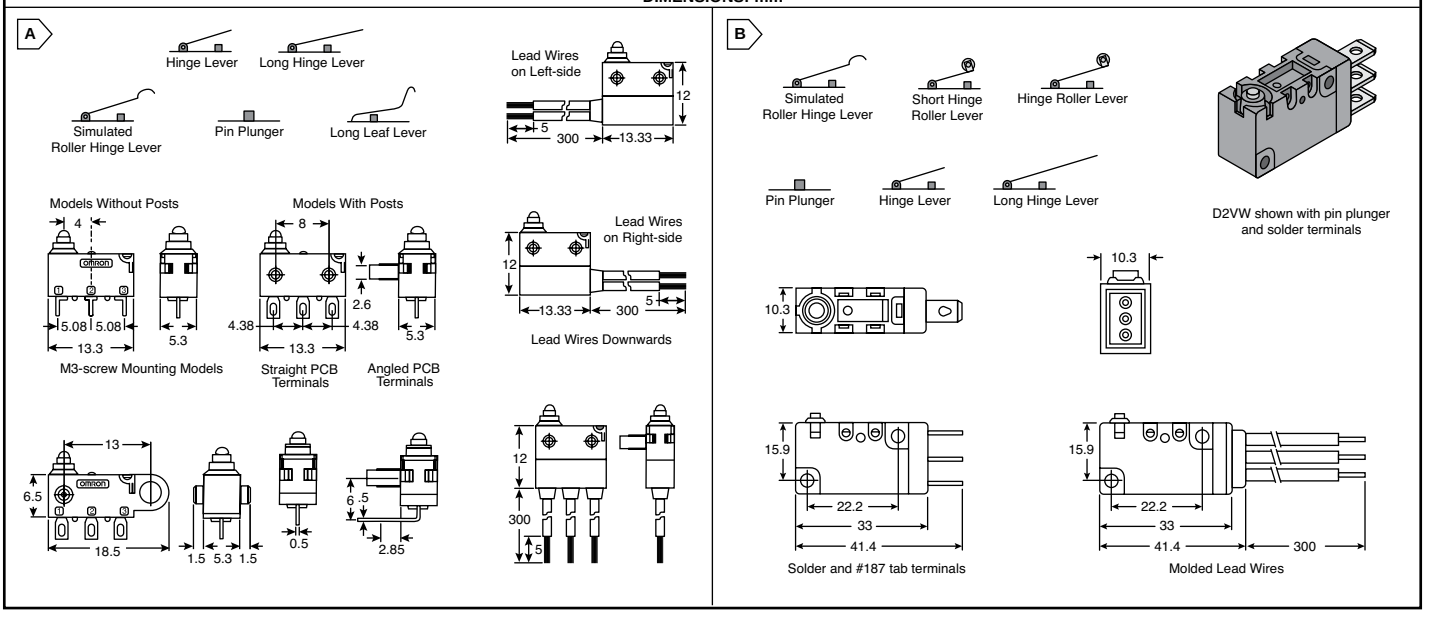
OMRON Sealed Basic Switches

OMRON ELECTRONIC COMPONENTS

DIMENSIONS: mm



OMRON D2HW SERIES: SEALED SUBMINIATURE SNAP ACTION SWITCHES

Specifications:

- Degree of protection: IEC IP67 lead wire types; IP50 for terminal solder types
- Extra-long stroke of 1.4mm OT
- Rated voltage: 0.1A @ 125 VAC; 2 A @ 12 VDC

The standard length of the molded lead wires is 30 cm

Features:

- Smallest sealed snap-action switch in the industry with a very long stroke for reliable ON/OFF action
- Made of environment-friendly materials. All models are lead-free, including molded lead wire models

RoHS Compliant

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Omron Part Number	Fig.	Actuator Type	Contact Form	Operating Force (max.)	Mounting Structure	Terminals	Price Each 1	25	50	100
653-D2HW-A201D	D2HW-A201D	A	Pin plunger	SPDT	76 gf	Without posts	PCB: Straight				
653-D2HW-A231D	D2HW-A231D	A	Simulated roller hinge lever	SPDT	66 gf	Without posts	PCB: Straight				
653-D2HW-BL201M	D2HW-BL201M	A	Pin plunger	SPDT	76 gf	Posts on left	Lead Wire: Downward				
653-D2HW-BR201M	D2HW-BR201M	A	Pin plunger	SPDT	76 gf	Posts on right	Lead Wire: Downward				
653-D2HW-BL203MR	D2HW-BL203MR	A	Pin plunger	SPST-NO	76 gf	Posts on left	Lead Wire: Right-side				
653-D2HW-C201M	D2HW-C201M	A	Pin plunger	SPDT	76 gf	M-3 screw mount	Lead Wire: Downward				
653-D2HW-BR211DR	D2HW-BR211DR	A	Hinge lever	SPDT	76 gf	Posts on right	PCB: Right-angle				
653-D2HW-C211M	D2HW-C211M	A	Hinge lever	SPDT	76 gf	M-3 screw mount	Lead Wire: Downward				
653-D2HW-BL212MR	D2HW-BL212MR	A	Hinge lever	SPST-NC	76 gf	Posts on left	Lead Wire: Right-side				
653-D2HW-BR212MR	D2HW-BR212MR	A	Hinge lever	SPST-NC	76 gf	Posts on right	Lead Wire: Right-side				
653-D2HW-C212MR	D2HW-C212MR	A	Hinge lever	SPST-NC	76 gf	M-3 screw mount	Lead Wire: Right-side				
653-D2HW-C213MR	D2HW-C213MR	A	Hinge lever	SPST-NO	76 gf	M-3 screw mount	Lead Wire: Right-side				
653-D2HW-BL221DL	D2HW-BL221DL	A	Long hinge lever	SPDT	50 gf	Posts on left	PCB: Left-angle				
653-D2HW-BL221M	D2HW-BL221M	A	Long hinge lever	SPDT	50 gf	Posts on left	Lead Wire: Right-side				
653-D2HW-BR231M	D2HW-BR231M	A	Simulated roller hinge lever	SPDT	66 gf	Posts on right	Lead Wire: Right-side				

OMRON D2VW SERIES: MINIATURE WATERTIGHT SNAP ACTION SWITCHES

Specifications:

- Contact form: SPDT
- Rating for UL/CSA approval is as follows: D2VW-01 - 0.1A @ 125 VAC/30 VDC; D2VW-5 - 3A @ 125 VAC/250 VAC
- Mechanical life: 10,000,000 operations min.

The standard length of the molded lead wires is 30 cm.

Features:

- High-quality watertight, high-precision miniature snap action switches meet IP67 (IEC 529) requirements (for lead wire types) and IP50 (for terminal types)
- Monoblock construction assures high sealing capability and is ideal for dusty environments or where water is sprayed

RoHS Compliant

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Omron Part Number	Fig.	Actuator Type	Contact Rating	Operating Force (max.)	Terminals	Price Each 1	25	50	100
653-D2VW-5-1HS	D2VW-5-1HS	B	Pin plunger	5A @ 125/250 VAC/30 VDC	200 gf	Solder and #187 tab terminals				
653-D2VW-01-1HS	D2VW-01-1HS	B	Pin plunger	0.1A @ 125 VAC/30 VDC	200 gf	Solder and #187 tab terminals				
653-D2VW-5-1MS	D2VW-5-1MS	B	Pin plunger	5A @ 125/250 VAC/30 VDC	200 gf	Molded lead wires				
653-D2VW-5L1-1HS	D2VW-5L1-1HS	B	Hinge lever	5A @ 125/250 VAC/30 VDC	120 gf	Solder and #187 tab terminals				
653-D2VW-01L1-1HS	D2VW-01L1-1HS	B	Hinge lever	0.1A @ 125 VAC/30 VDC	120 gf	Solder and #187 tab terminals				
653-D2VW-5L1-1MS	D2VW-5L1-1MS	B	Hinge lever	5A @ 125/250 VAC/30 VDC	120 gf	Molded lead wires				
653-D2VW-01L1-1MS	D2VW-01L1-1MS	B	Hinge lever	0.1A @ 125 VAC/30 VDC	120 gf	Molded lead wires				
653-D2VW-01L2A-1MS	D2VW-01L2A-1MS	B	Short hinge roller lever	0.1A @ 125 VAC/30 VDC	230 gf	Molded lead wires				
653-D2VW-01L2A1HS	D2VW-01L2A-1HS	B	Short hinge roller lever	0.1A @ 125 VAC/30 VDC	230 gf	Solder and #187 tab terminals				
653-D2VW-5L2-1HS	D2VW-5L2-1HS	B	Hinge roller lever	5A @ 125/250 VAC/30 VDC	120 gf	Solder and #187 tab terminals				
653-D2VW-01L2-1HS	D2VW-01L2-1HS	B	Hinge roller lever	0.1A @ 125 VAC/30 VDC	120 gf	Solder and #187 tab terminals				
653-D2VW-5L2-1MS	D2VW-5L2-1MS	B	Hinge roller lever	5A @ 125/250 VAC/30 VDC	120 gf	Molded lead wires				
653-D2VW-01L2-1MS	D2VW-01L2-1MS	B	Hinge roller lever	0.1A @ 125 VAC/30 VDC	120 gf	Molded lead wires				
653-D2VW-5L1B-1MS	D2VW-5L1B-1MS	B	Long hinge lever	5A @ 125/250 VAC/30 VDC	60 gf	Molded lead wires				
653-D2VW-5L2A-1HS	D2VW-5L2A-1HS	B	Short hinge roller lever	5A @ 125/250 VAC/30 VDC	230 gf	Solder and #187 tab terminals				
653-D2VW-5L2A-1MS	D2VW-5L2A-1MS	B	Short hinge roller lever	5A @ 125/250 VAC/30 VDC	230 gf	Molded lead wires				
653-D2VW-01L3-1HS	D2VW-01L3-1HS	B	Simulated roller lever	0.1A @ 125 VAC/30 VDC	120 gf	Solder and #187 tab terminals				
653-D2VW-5L3-1HS	D2VW-5L3-1HS	B	Simulated roller lever	5A @ 125/250 VAC/30 VDC	120 gf	Solder and #187 tab terminals				
653-D2VW-5L3-1MS	D2VW-5L3-1MS	B	Simulated roller lever	5A @ 125/250 VAC/30 VDC	120 gf	Molded lead wires				

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