

# Connector with DVC media detector switch SW series

## Features

- ◇ High reliability by gold plated contact.
- ◇ Detector switch with light operating force.
- ◇ Superb reliability by wiping effect of detector switch with normally close contact..

## Applications

- ◇ Media detection of DVC.



Actual size

## Products Line

No	Products No	Existence of switch	No. of circuits	No. of contacts	Circuit diagram
1	BSW-206	Without	—	—	—
2	SW-195P	With	1	1	Normally close
3	SW-201P	With	1	1	Normally close
4	SW1BA-342AU	With	1	1	Normally close
5	SW1BB-205-1AU	With	1	1	Normally close
6	SW1BB-343AU	With	1	1	Normally close
7	SW1AA-345	With	1	1	Normally open
8	SW1BA-347AU	With	1	1	Normally close
9	SW1AA-348	With	1	1	Normally open

## Typical Specifications

Items	Contact part	Switch part
Rating	0.2 mA 3 V DC	0.2 mA 3 V DC
Operating force	—	0.35 N max
Contact resistance	1 ohm	1 ohm
Insulation resistance	50 megohm min 250 V DC	50 megohm min 250 V DC
Withstanding voltage	250 V AC for 1 min.	250 V AC for 1 min.
Electrical life	10,000 cycles	100,000 cycles

DXF data is not exhibited as products are all custom-made

Dimensions

Unit : mm

No	Style
1	<p>BSW-206</p>
2	<p>SW-195P</p>



Dimensions

Unit : mm

No	Style
5	<p>SW1BB-205-1AU</p> <p>Technical drawing of SW1BB-205-1AU switch. The drawing includes a front view, a side view, and a detail view of the contact assembly. Dimensions are provided in millimeters. Key dimensions include: front view (14.38, 11.18, 7.98, 4.78, 3.5, 0.5, 2.2, 1.2, 13.4, 15.3, 0.1, 0.5, 0.2, 1.2), side view (16.2, 8.4, 7.2, 5.8, 1, 0.2, 0.5, 3, R1.3, R1.5, 0.9, 2.5, 4.1, 2.9, 1.05, 0.5), and detail view (4.5, 2.5, 0.6, 1.3, 0.8, 1.3, 0.7, 2.9, 1.4, 0.5, 13.7, 14.3, 15.3).</p>
6	<p>SW1BB-343AU</p> <p>Technical drawing of SW1BB-343AU switch. The drawing includes a front view, a side view, and a detail view of the contact assembly. Dimensions are provided in millimeters. Key dimensions include: front view (13.58, 10.38, 7.18, 3.98, 0.5, 0.2, 2.2, 0.15, 1.7, 2.2, 14.1, 2.7, 3.45, 0.1, 1.2, 6.2, 8, 16.5, 0.6), side view (1.3, 5.2, 1.8, 2.5, 2.2, 0.2, 0.8, 3, 4.7, 4.7, 1.9, 17.9, 16.8, 3.45, 2.5, 0.7, 6.1, 2.1, 1.4, 0.5, 1.7), and detail view (4.5, 2.5, 0.6, 1.3, 0.8, 1.3, 0.7, 2.9, 1.4, 0.5, 13.7, 14.3, 15.3, 17.3).</p>

Dimensions

Unit : mm

No	Style
7	<p>SW1AA-345</p>
8	<p>SW1BA-347AU</p>

## Dimensions

Unit : mm

No	Style
9	SW1AA-348

## Notes

1. The appearance and specifications of the product may be modified without prior notice to improve its performance.
2. This catalog shows only outline specifications. When using the product, please obtain formal specifications.
3. Please see exhibit [Cautions in Using Switches ].
4. This switch is not washable.
5. Care shall be taken not to attach flux on plastic portion.
6. Note that if the load is applied to the terminals during soldering, they might suffer deformation and defects in electrical performance.
7. Care shall be taken not to apply stress to the body of switch as it may affect the performance.
8. Please confirm the performance on actual operation by simulation with actual environment environments for high reliability.