

# Switch Box

Plastic Bolt Type for Opening/Closing – IP67



►It weighs a fourth as much as steel box and is convenient for carrying or working. No corrosion and excellent insulation.

►It is an excellent product that passed a thorough waterproof, dustproof impact-resistant test.

►It is useful for the usages such as DIN-Rail and button box, small terminal, signal device, measuring equipment, communication connection box, etc and is easy to mount.

## Materials & Composition Table

<b>A G</b> •Material:ABS •Color: Gray	<b>A T</b> •Material:Cover(PC), Body(ABS) •Color: Cover(Clear), Body(Gray)
<b>P G</b> •Material:AC Flammability •Color: Gray	<b>P T</b> •Material:Cover(PC), Body(AC) •Color: Cover(Clear), Body(Gray)
<b>P C G</b> •Material:POLYESTER •Color: Gray	<b>P C T</b> •Material:Cover(PC), Body(POLYESTER) •Color: Cover(Clear), Body(Gray)

ABS:Acrylonitrile Butadiene Styrene

P C:PolyCarbonate

Polyester : PBT+PC

AC:ABS(30%)+PC(70%)

►SWITCH BOX Product has 6 product names as shown above and can be made of any of 4 materials shown above. SWITCH BOX Product acquired IP67 Grade on each product manufactured by any of 4 materials.

## Switch Box Products List

Part Number	Dimensions(mm)			Inch	Others
	W	H	D		
DS-000-0506-S	50	65	35	1.97 × 2.56 × 1.38	
DS-000-0506	50	65	55	1.97 × 2.56 × 2.17	
DS-000-0808	80	82	60	3.15 × 3.23 × 2.36	
DS-000-0712	75	125	75	2.92 × 4.92 × 2.92	
DS-000-0712-1	75	125	100	2.92 × 4.92 × 3.94	
DS-000-0712-2	75	125	125	2.92 × 4.92 × 4.92	
DS-000-0811-S	80	110	45	3.15 × 4.33 × 1.77	
DS-000-0811-S1	80	110	60	3.15 × 4.33 × 2.36	
DS-000-0811	80	110	70	3.15 × 4.33 × 2.76	
DS-000-0811-1	80	110	85	3.15 × 4.33 × 3.35	
DS-000-0813	80	130	70	3.15 × 5.12 × 2.76	
DS-000-0813-1	80	130	85	3.15 × 5.12 × 3.35	
DS-000-0816-S	80	160	55	3.15 × 6.30 × 2.17	
DS-000-0816	80	160	90	3.15 × 6.30 × 3.54	
DS-000-0818	80	180	70	3.15 × 7.09 × 2.76	
DS-000-0818-1	80	180	85	3.15 × 7.09 × 3.35	
DS-000-0820	80	200	70	3.15 × 7.09 × 2.76	
DS-000-0825	80	250	70	3.15 × 9.84 × 2.76	
DS-000-0825-1	80	250	85	3.15 × 9.84 × 3.35	
DS-000-1010-S	100	100	75	3.93 × 3.93 × 2.95	
DS-000-1010	100	100	100	3.93 × 3.93 × 3.93	
DS-000-1212-S	125	125	75	4.92 × 4.92 × 2.92	
DS-000-1212	125	125	100	4.92 × 4.92 × 3.94	
DS-000-1217	125	175	75	4.92 × 6.89 × 2.92	
DS-000-1217-1	125	175	100	4.92 × 6.89 × 3.94	
DS-000-1417	140	170	95	5.51 × 6.69 × 3.74	
DS-000-1123	110	230	70	4.33 × 9.06 × 2.76	
DS-000-1423	140	230	95	5.51 × 9.06 × 3.74	
DS-000-1515	150	150	100	5.91 × 5.91 × 3.94	
DS-000-1520-S	150	200	75	5.91 × 7.87 × 2.95	
DS-000-1520	150	200	100	5.91 × 7.87 × 3.94	
DS-000-1520-S1	150	200	105	5.91 × 7.87 × 4.13	
DS-000-1520-1	150	200	130	5.91 × 7.87 × 5.12	
DS-000-1520-B	150	200	130	5.91 × 7.87 × 5.12	
DS-000-1520-B1	150	200	160	5.91 × 7.87 × 6.30	
DS-000-1525	150	250	100	5.91 × 9.84 × 3.94	
DS-000-1525-1	150	250	130	5.91 × 9.84 × 5.12	
DS-000-1525-B	150	250	130	5.91 × 9.84 × 5.12	
DS-000-1525-B1	150	250	160	5.91 × 9.84 × 6.30	
DS-000-1717	175	175	75	6.89 × 6.89 × 2.92	
DS-000-1717-1	175	175	100	6.89 × 6.89 × 3.94	
DS-000-1717-2	175	175	125	6.89 × 6.89 × 4.92	
DS-000-1725	175	250	75	6.89 × 9.84 × 2.92	
DS-000-1725-1	175	250	100	6.89 × 9.84 × 3.94	
DS-000-2020-S	200	200	95	7.87 × 7.87 × 3.74	
DS-000-2020	200	200	130	7.87 × 7.87 × 5.12	
DS-000-2020-B	200	200	160	7.87 × 7.87 × 6.30	
DS-000-0811(A1)	80	110	70	3.15 × 4.33 × 2.76	
DS-000-0811-1(B1)	80	110	85	3.15 × 4.33 × 3.35	
DS-000-0813-1(A2)	80	130	85	3.15 × 5.12 × 3.35	
DS-000-0813-1(B2)	80	130	85	3.15 × 5.12 × 3.35	
DS-000-0818-1(A3)	80	180	85	3.15 × 7.09 × 3.35	
DS-000-0818-1(B3)	80	180	85	3.15 × 7.09 × 3.35	
DS-000-0825-1(A4)	80	250	85	3.15 × 9.84 × 3.35	
DS-000-0825-1(B4)	80	250	85	3.15 × 9.84 × 3.35	

\* Products such as A1, A2, A3, A4, B1, B2, B3 and B4 from above products list are products processed only on the cover.

■ 000 mark of product at the above product list is to express a material.

■ Materials : AG, AT, PG, PT, PCG, PCT

■ Please refer to Material Composition Diagram by Products on Page 13.

A1 Ø30.5mm 1Hole / A2 Ø30.5mm 2Hole / A3 Ø30.5mm 3Hole / A4 Ø30.5mm 4Hole  
B1 Ø22.5mm 1Hole / B2 Ø22.5mm 2Hole / B3 Ø22.5mm 3Hole / B4 Ø22.5mm 4Hole



ex) photo of products processed solely

# Switch Box

SUS draw latch Type for Opening/Closing- IP67



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## Materials & Composition Table

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<b>P G</b>	•Material:AC Flammability •Color: Gray	<b>P T</b>	•Material:Cover(PC), Body(AC) •Color: Cover(Clear), Body(Gray)
<b>P C G</b>	•Material:POLYESTER •Color: Gray	<b>P C T</b>	•Material:Cover(PC), Body(POLYESTER) •Color: Cover(Clear), Body(Gray)

ABS:Acrylonitrile Butadiene Styrene

P C:PolyCarbonate

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AC:ABS(30%)+PC(70%)

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## Switch Box Products List

Part Number	Dimensions(mm)			Inch	Others
	W	H	D		
DS-000H-0712	75	125	75	2.92 × 4.92 × 2.92	
DS-000H-0712-1	75	125	100	2.92 × 4.92 × 3.94	
DS-000H-0712-2	75	125	125	2.92 × 4.92 × 4.92	
DS-000H-0811-S	80	110	45	3.15 × 4.33 × 1.77	
DS-000H-0811-S1	80	110	60	3.15 × 4.33 × 2.36	
DS-000H-0811	80	110	70	3.15 × 4.33 × 2.76	
DS-000H-0811-1	80	110	85	3.15 × 4.33 × 3.35	
DS-000H-0813	80	130	70	3.15 × 5.12 × 2.76	
DS-000H-0813-1	80	130	85	3.15 × 5.12 × 3.35	
DS-000H-0816-S	80	160	55	3.15 × 6.30 × 2.17	
DS-000H-0816	80	160	90	3.15 × 6.30 × 3.54	
DS-000H-0818	80	180	70	3.15 × 7.09 × 2.76	
DS-000H-0818-1	80	180	85	3.15 × 7.09 × 3.35	
DS-000H-0820	80	200	70	3.15 × 7.09 × 2.76	
DS-000H-0825	80	250	70	3.15 × 9.84 × 2.76	
DS-000H-0825-1	80	250	85	3.15 × 9.84 × 3.35	
DS-000H-1010-S	100	100	75	3.93 × 3.93 × 2.95	
DS-000H-1010	100	100	100	3.93 × 3.93 × 3.93	
DS-000H-1212-S	125	125	75	4.92 × 4.92 × 2.92	
DS-000H-1212	125	125	100	4.92 × 4.92 × 3.94	
DS-000H-1217	125	175	75	4.92 × 6.89 × 2.92	
DS-000H-1217-1	125	175	100	4.92 × 6.89 × 3.94	
DS-000H-1417	140	170	95	5.51 × 6.69 × 3.74	
DS-000H-1123	110	230	70	4.33 × 9.06 × 2.76	
DS-000H-1423	140	230	95	5.51 × 9.06 × 3.74	
DS-000H-1515	150	150	100	5.91 × 5.91 × 3.94	
DS-000H-1520-S	150	200	75	5.91 × 7.87 × 2.95	
DS-000H-1520	150	200	100	5.91 × 7.87 × 3.94	
DS-000H-1520-S1	150	200	105	5.91 × 7.87 × 4.13	
DS-000H-1520-1	150	200	130	5.91 × 7.87 × 5.12	
DS-000H-1520-B	150	200	130	5.91 × 7.87 × 5.12	
DS-000H-1520-B1	150	200	160	5.91 × 7.87 × 6.30	
DS-000H-1525	150	250	100	5.91 × 9.84 × 3.94	
DS-000H-1525-1	150	250	130	5.91 × 9.84 × 5.12	
DS-000H-1525-B	150	250	130	5.91 × 9.84 × 5.12	
DS-000H-1525-B1	150	250	160	5.91 × 9.84 × 6.30	
DS-000H-1717	175	175	75	6.89 × 6.89 × 2.92	
DS-000H-1717-1	175	175	100	6.89 × 6.89 × 3.94	
DS-000H-1717-2	175	175	125	6.89 × 6.89 × 4.92	
DS-000H-1725	175	250	75	6.89 × 9.84 × 2.92	
DS-000H-1725-1	175	250	100	6.89 × 9.84 × 3.94	
DS-000H-2020-S	200	200	95	7.87 × 7.87 × 3.74	
DS-000H-2020	200	200	130	7.87 × 7.87 × 5.12	
DS-000H-2020-B	200	200	160	7.87 × 7.87 × 6.30	
DS-000H-0811(A1)	80	110	70	3.15 × 4.33 × 2.76	
DS-000H-0811-1(B1)	80	110	85	3.15 × 4.33 × 3.35	
DS-000H-0813-1(A2)	80	130	85	3.15 × 5.12 × 3.35	
DS-000H-0813-1(B2)	80	130	85	3.15 × 5.12 × 3.35	
DS-000H-0818-1(A3)	80	180	85	3.15 × 7.09 × 3.35	
DS-000H-0818-1(B3)	80	180	85	3.15 × 7.09 × 3.35	
DS-000H-0825-1(A4)	80	250	85	3.15 × 9.84 × 3.35	
DS-000H-0825-1(B4)	80	250	85	3.15 × 9.84 × 3.35	

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A1 Ø30.5mm 1Hole / A2 Ø30.5mm 2Hole / A3 Ø30.5mm 3Hole / A4 Ø30.5mm 4Hole  
B1 Ø22.5mm 1Hole / B2 Ø22.5mm 2Hole / B3 Ø22.5mm 3Hole / B4 Ø22.5mm 4Hole

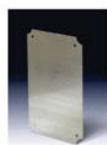


# Switch Box Drawing Information

Division Model	H1	H2	H3	H4	W1	W2	W3	D1	D2
DS-0506-S	67	58	52	38	53	42	37	25	10
DS-0506	65	59	52	40	50	44	37	35	20
DS-0808	82	76	70	55	79	74	68	45	15
DS-0712	125	120	107	90	75	70	57	52	25
DS-0712-1	125	120	107	90	75	70	57	52	50
DS-0712-2	125	120	107	90	75	70	57	52	75
DS-0811-S	110	104	92	80	80	74	62	25	20
DS-0811	110	104	92	80	80	74	62	50	20
DS-0811-1	110	104	92	80	80	74	62	50	35
DS-0813	130	124	112	100	80	74	62	50	20
DS-0813-1	130	124	112	100	80	74	62	50	35
DS-0816-S	162	156	145	136	82	75	66	40	15
DS-0816	162	156	145	136	82	75	66	75	15
DS-0818	180	174	162	150	80	74	62	50	20
DS-0818-1	180	174	162	150	80	74	62	50	35
DS-0820	180	174	162	150	80	74	62	50	35
DS-0825	250	244	232	220	80	74	62	50	20
DS-0825-1	250	244	232	220	80	74	62	50	35
DS-1010	100	91	80	68	100	91	80	80	20
DS-1010-S	100	91	80	68	100	91	80	55	20
DS-1212-S	125	117	105	70	125	117	105	55	20
DS-1212	125	117	105	70	125	117	105	80	20
DS-1217	175	167	157	140	127	121	109	49	25
DS-1217-1	175	167	157	140	127	121	109	49	50
DS-1417	170	162	152	130	140	132	122	75	20
DS-1123	230	222	205	182	110	103	91	57	55
DS-1423	230	220	212	190	140	132	122	60	75
DS-1515	150	139.5	131	109.5	150	139.5	131	80	20
DS-1520-S	200	190	182	160	150	139	132	52	25
DS-1520	200	190	182	160	150	139	132	80	20
DS-1520-1	200	190	182	160	150	139	132	80	50
DS-1520-B	200	190	182	160	150	139	132	110	20
DS-1520-B1	200	190	182	160	150	139	132	110	50
DS-1525	250	240	232	210	150	140	132	80	20
DS-1525-1	250	240	232	210	150	140	132	80	50
DS-1525-B	250	240	232	210	150	140	132	110	20
DS-1525-B1	250	240	232	210	150	140	132	110	50
DS-1717	175	170	157	140	175	170	157	52	25
DS-1717-1	175	170	157	140	175	170	157	52	50
DS-1717-2	175	170	157	140	175	170	157	52	75
DS-1725	250	245	232	211	175	170	157	52	25
DS-1725-1	250	245	232	211	175	170	157	52	50
DS-2020-S	200	193	182	120	200	193	182	75	20
DS-2020	200	193	182	120	200	193	182	110	20
DS-2020-B	201	193.5	182	120	201	193.5	182	140	20

## Steel Mounting Panel

Product	mm W×H×D	inch W×H×D	MODEL
DS-000-0506	55 × 40 × 1.6	2.17 × 1.57 × 0.06	DS-0506
DS-000-0712(-1,-2)	106 × 60 × 1.6	4.17 × 2.36 × 0.06	DS-0712
DS-000-0808	71 × 65 × 1.6	2.79 × 2.56 × 0.06	DS-0808
DS-000-0811-S	93 × 63 × 1.6	3.66 × 2.48 × 0.06	DS-0811-S
DS-000-0811(-1)	96.5 × 68 × 1.6	3.80 × 2.68 × 0.06	DS-0811
DS-000-0813(-1)	116 × 68 × 1.6	4.57 × 2.68 × 0.06	DS-0813
DS-000-0816(-S)	150 × 65 × 1.6	5.91 × 2.56 × 0.06	DS-0816
DS-000-0818(-1)	165.5 × 68 × 1.6	6.52 × 2.68 × 0.06	DS-0818
DS-000-0820	165.5 × 68 × 1.6	6.52 × 2.68 × 0.06	DS-0820
DS-000-0825(-1)	235 × 68 × 1.6	9.25 × 2.68 × 0.06	DS-0825
DS-000-1010(-S)	88 × 88 × 1.6	3.46 × 3.46 × 0.06	DS-1010
DS-000-1212(-S)	99 × 99 × 1.6	3.90 × 3.90 × 0.06	DS-1212
DS-000-1217(-1)	157 × 99 × 1.6	6.18 × 3.90 × 0.06	DS-1217
DS-000-1417	156 × 124 × 1.6	6.14 × 4.88 × 0.06	DS-1417
DS-000-1423	212 × 122 × 1.6	8.35 × 4.80 × 0.06	DS-1423
DS-000-1520(-1,-S,B1)	186 × 136 × 1.6	7.32 × 5.35 × 0.06	DS-1520
DS-000-1525(-1,B,B1)	235.5 × 136 × 1.6	9.27 × 5.35 × 0.06	DS-1525
DS-000-1717(-1,-2)	161 × 161 × 1.6	6.34 × 6.34 × 0.06	DS-1717
DS-000-1725(-1)	235 × 165 × 1.6	9.25 × 6.50 × 0.06	DS-1725
DS-000-2020(-S,-B)	187 × 187 × 1.6	7.36 × 7.36 × 0.06	DS-2020



## Plastic Mounting Panel

Product	mm W×H×D	inch W×H×D	MODEL
DS-000-0811(-S,-1)	96.5 × 68 × 3.5	3.80 × 2.68 × 0.14	DS-0811 P/L
DS-000-0813(-1)	116 × 68 × 3.5	4.57 × 2.68 × 0.14	DS-0813 P/L
DS-000-0818(-1)	165.5 × 68 × 3.5	6.52 × 2.68 × 0.14	DS-0818 P/L
DS-000-0825(-1)	235 × 68 × 3.5	9.25 × 2.68 × 0.14	DS-0825 P/L
DS-000-1010(-S)	88 × 88 × 1.6	3.46 × 3.46 × 0.06	DS-1010 P/L
DS-000-1515	124 × 124 × 3.75	4.48 × 4.48 × 0.15	DS-1515 P/L
DS-000-1520(-1,-S,B1)	186 × 136 × 3.0	7.32 × 5.35 × 0.12	DS-1520 P/L
DS-000-1525(-1,B,B1)	235 × 136 × 3.7	9.25 × 5.35 × 0.15	DS-1525 P/L
DS-000-2020(-S)	187 × 187 × 3.3	7.36 × 7.36 × 0.13	DS-2020 P/L
DS-000-0712(-1,-2)	112 × 57 × 3.9	4.41 × 2.24 × 0.15	DS-0712 P/L
DS-000-1212(-S)	107 × 107 × 4.0	4.21 × 4.21 × 0.16	DS-1212 P/L
DS-000-1417	149 × 119 × 4.0	5.87 × 4.68 × 0.16	DS-1417 P/L
DS-000-1423	211 × 121 × 4.0	8.31 × 4.76 × 0.16	DS-1423 P/L
DS-000-1717(-1,-2)	159 × 159 × 4.0	6.26 × 6.26 × 0.16	DS-1717 P/L
DS-000-1725(-1)	230 × 157 × 4.0	9.05 × 6.18 × 0.16	DS-1725 P/L
DS-000-1217(-1)	107 × 119 × 4.0	4.21 × 4.68 × 0.16	DS-1217 P/L

## Dimension (Allowable error: ± 1mm)

