

Magnetic Catches with Sensors / Ball Catches

Wire Connection Type

RoHS 10

① Main Body

② Catch Plate

③ Back Plate

Material

Polycarbonate

EN 1.0330

Equiv.

Surface Treatment

-

Nickel Plating

①

②

③

2-Ø4

2-Ø3.5 Ø6.7 Countersink

2-Ø4

5

250

11.2

15

17

29

36

45

36

1.5

5

9

7

12

4

2.5

51

40

1.6

16

45

36

10

A lead switch is built in.

Performance

Maximum ON/OFF Power	10W
Maximum ON/OFF Voltage	100V DC
Maximum ON/OFF Current	0.5A DC
Maximum Contact Resistance	0.15Ω *1
Operating Temp. Range	0 ~ 60°C
Lead Wire	UL1007 AWG#26 / Black
Lead Wire Tensile Strength	1kgf

*1: Lead wire conductor resistance is excluded.

Part Number		Operation	Retention Force (kgf)	Mass (g)	Unit Price		Volume Discount Rate
Type	No.				1 ~ 4 pc (s).	5~200	
	1	OFF when attracted	3	28			
	2	ON when attracted					

Ordering Example

Part Number

Caution

Do not apply any strong impacts since a lead switch is used.

Do not use or store in places with strong magnetic fields.

Carefully keep magnetic materials (particles) and adhesive objects and etc. away from the attraction surface of the product.

To mount it on a nonmagnetic object (wood, plastic, glass, aluminum, etc.), mount the included back plate or a similar magnetic object on the mounting surface.

Magnetic Catches with Switch

RoHS 10

①

②

③

2-Ø4

2-4x5 Slotted Holes

2-Way Lead Wire Outlet (Slit provided)

41

33

29

25

4

13.5

41

50

1.5

9

12

1.5

7.5

2

1.5

190

7.2

There is no catch plate.

Performance

Circuit Type	Circuit, 1 Contact, Normally Closed
Rating	30VDC 10mA (Resistive Load)
Maximum ON/OFF Voltage	500VAC/min.
Maximum Contact Resistance	100MΩ or More (500VDC)
Operating Temp. Range	-10°C ~ +70°C
Lead Wire	For IL-G of Japan Aviation Electronics
Lead Wire Tensile Strength	1kgf

Part Name

Material

Surface Treatment

Main Body

Polypropylene

-

Magnet

Ferrite

-

Part Number		Retention Force (kgf)	Case Color	Mass (g)	Unit Price		Volume Discount Rate
Type					1 ~ 9 pc (s).	10~49	50~200
		3	Black	13			

For orders larger than indicated quantity, please check with WOS.

Ball Catches

RoHS 10

BCAS (Stainless Steel)

BCASS (Stainless Steel)

BCASD (Zinc Die Cast)

2-d e Countersink

2-d e Countersink

A

B

C

D

d

e

F

G

T

I

J

K

N

L

R

(S)

Latching Force N (kgf)

Unlatching Force N (kgf)

Mass (g)

Type

Material

Surface Treatment

BCAS

EN 1.4401 Equiv.

-

BCASS

EN 1.4301 Equiv.

-

BCASD

Zinc Die Cast

Chrome Plating

Part Number		B	C	D	d	e	F	G	T	I	J	K	N	L	R	(S)	Latching Force N (kgf)	Unlatching Force N (kgf)	Mass (g)	Unit Price		
Type	A																			BCAS	BCASS	BCASD
BCAS BCASS BCASD	32	25	8	4	3.2	6.2	18	9	2	18	11	8	6.5	3.2	6	11.5	17 (1.7)	8 (0.8)	12			
	43	35	8	5.9	3.2	6.2	28.4	10	2.5	25	16	7.5	8.5	4.5	6	13.5	20 (2)	13 (1.3)	16			
	50	40	10	7.5	4.2	8.2	31.5	12.2	2.9	30	20	9	10.3	6	7.7	15.9	23 (2.3)	18 (1.8)	28			
	70	60	13	13			51	17	4	42	30	10.5	15	10	10.5	23	56 (5.7)	38 (3.9)	78			

Ordering Example

Part Number

BCAS50