DESCRIPTION

The **IDEC ABW and AOW Series push button switches** are for manual control of fans, pumps, compressors, or control circuits.

FEATURES

• **Flush, extended, or mushroom style available**
• **Snap-fit blocks with N.O. and N.C. contacts**
• **Self-cleaning silver contacts**
• **Rugged, oil-tight construction**

SSG1-67

AOW411R mounted in E-1PBG

Extended

Mushroom

Flush

SPECIFICATIONS

Contact Rating	10A, 600 VAC/VDC max.; 5mA, 3 VAC/VDC minimum
Contact Resistance	50 mΩ maximum (inital value)
Contact Material	Silver
Electrical Life	500,000 minimum operations
Protection Rating	NEMA 1, 2, 3R, 4, 4X, 12, 13
Insulation	600V
Applicable Wire Size	
Minimum	1 x 22 AWG
Maximum	2 x 14 AWG or 1 x 12 AWG
Mechanical Life	500,000 minimum operations
Operating Temperature	-13° to 122°F (-25° to 50°C)
Panel Thickness	Panel thickness adjustment ring, 0.04" to 0.24" (0.10 to 0.61 cm)
Approvals	UL File #E68961; CSA File #LR48366, CE, RoHs
Warranty	1 year

DIMENSIONS

in (cm)

0.78 (2.00)

Panel thickness 0.04 to 0.24 (0.10 to 0.60)

Panel cutout

2 Blocks: 1.89 (4.85)

4 Blocks: 2.67 (6.85)

A

B

0.86 (2.20)

PUSHBUTTONS	A	B
Flush	0.507 (1.30)	Ø 0.936 (2.40)
Extended	0.741 (1.90)	Ø 0.936 (2.40)

ORDERING INFORMATION

MODEL	DESCRIPTION
ABW	Momentary action push-button switch
AOW	Maintained action push-button switch
1	Flush (includes colored buttons of red, green, and black)
2	Extended (specify color below, red standard)
4	Mushroom (specify color below, red standard)
	# Normally open contacts (max 2)
	# Normally closed contacts (max 2)
	Button color for extended and mushroom models
	Black, Green, and Red are all included

ABW	1	0	1

Example: **ABW101** Momentary flush push button with one normally closed contact

RELATED PRODUCTS

E-1PBG	One-hole NEMA 12/13 push-button enclosure
E-2PBG	Two-hole NEMA 12/13 push-button enclosure
E-3PBG	Three-hole NEMA 12/13 push-button enclosure
E-4PBG	Four-hole NEMA 12/13 push-button enclosure
HW-U01	Normally closed contact
HW-U10	Normally open contact
NWAR-27	Emergency stop label 2.75" (6.99 cm) round
SSG1-67	Wall plate box mount 7/8" hole
TW-DB	Dummy block (needed when only 1 HW-C10 or HW-C01 is used)

*Holes are 22.5 mm in a vertical arrangement