



## Push-Button Pendant Series 100



### Features

- Compact safety-yellow enclosure.
- Two-piece enclosure simplified field wiring.
- Easy to read legend plates.
- Neoprene Booted buttons.
- NEMA 4x Enclosure rating. Degree of protection IP65.
- Range of -15°C to 40°C (5°F to 104°F) operation temperature.
- UL/CSA Listed.
- Contacts rated 5A at 120 VAC.
- 100 gr. shock resistance.
- Indoor or outdoor use.

### General Description

The ACI push button pendant buttons are available to fit in a wide variety of applications... from the simplest one motion hoist to the three-motion cranes with multiple switches and accessories. They may be purchased as complete assemblies with switches and accessories pre-installed, or you may build your own station by purchasing individual components and assembling them yourself.



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# Push-Button Pendant Series 100



**Cable Bushing Cover**  
Designed for bushing collar diameter varying from .30 in to .77 in.

**Cable Bushing**  
Available in sizes varying from .30 in to .77 in.

**Lamp & Horn Switch**  
Knock-out holes in 12 mm (.47 in) and 19 mm (.75 in) dia. are available for a lamp and horn switch on 6 through 12 button enclosures.

**Hanger Ring**  
S Hook is included for strain relief cable connection.

**Bushing Collar**  
Cable diameter sizes vary from .30 in to .77 in.

**Button**  
With Neoprene booted buttons, a seal against dirt moisture is guaranteed. Buttons are available in red, green, and black.

**Enclosure**  
Ergonomic design, visible safety yellow, shock vibration resistant and rugged LEXAN polycarbonate casing.

**Jumpers**  
Included with all preassembled pendants.

**Fasteners**  
To prevent thread stripping, self-captive stainless steel hardware and threaded inserts have been applied to the housing.

**Button Legends**  
Standard button legends are included.

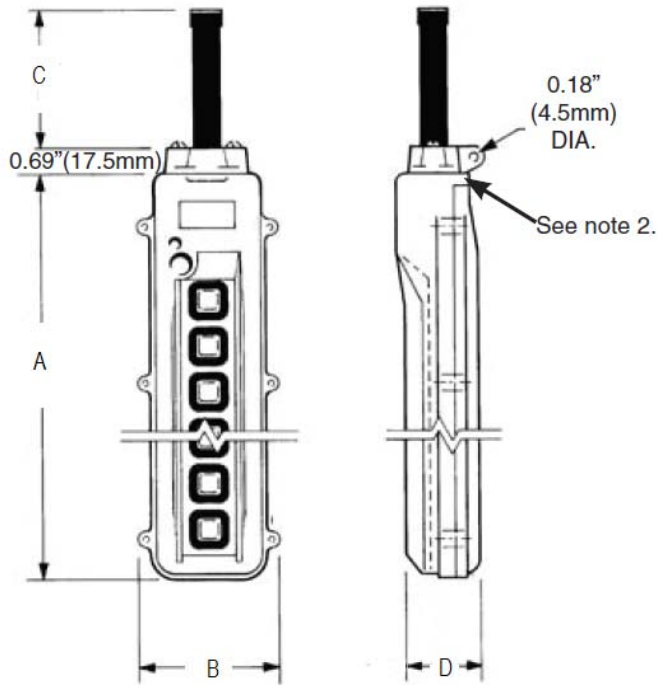
## Model 100 Series Pendant Push Button Stations

Pendants stations are provided fully assembled. For custom pendant stations please contact ACI at info@acihoist.com.

Part No.	Description	Bushing
100021	2 Button-all one speed	100COBA2
100022	2 Button-all two speed	100COBA2
100041	4 Button-all one speed	100COBA2
100042	4 Button-all two speed	100COBA2
100041MO	4 Button-2 one speed with momentary On/Off	100COBA2
100041MA	4 Button-2 one speed with maintain On/Off	100COBA2
100042MO	4 Button-2 two speed with momentary On/Off	100COBA2
100042MA	4 Button-2 two speed with maintain On/Off	100COBA2
100061	6 Button-all one speed	100COBA2
100062	6 Button-all two speed	100COBA2
100061MO	6 Button- 4 one speed with momentary On/Off	100COBA2
100061MA	6 Button-4 one speed with maintain On/Off	100COBA2
100062MO	6 Button-4 two speed with momentary On/Off	100COBB1
100062MA	6 Button-4 two speed with maintain On/Off	100COBB1
100081	8 Button-all one speed	100COBB1
100082	8 Button-all two speed	100COBB1
100081MO	8 Button- 6 one speed with momentary On/Off	100COBB1
100081MA	8 Button-6 one speed with maintain On/Off	100COBB1
100082MO	8 Button-6 two speed with momentary On/Off	100COBB1
100082MA	8 Button-6 two speed with maintain On/Off	100COBB1
100083MO	8 Button-6 three speed with momentary on/off	100COBB1
100083MA	8 Button-6 three speed with maintain on/off	100COBB1
100101	10 Button-all one speed	100COBB1
100102	10 Button-all two speed	100COBB1
100101MO	10 Button- 8 one speed with momentary On/Off	100COBB1
100101MA	10 Button-8 one speed with maintain On/Off	100COBB1
100102MO	10 Button-8 two speed with momentary On/Off	100COBB1
100102MA	10 Button-8 two speed with maintain On/Off	100COBB1
100121	12 Button-all one speed	100COBD1
100122	12 Button-all two speed	100COBD1
100121MO	12 Button- 10 one speed with momentary On/Off	100COBD1
100121MA	12 Button-10 one speed with maintain On/Off	100COBD1
100122MO	12 Button-10 two speed with momentary On/Off	100COBD1
100122MA	12 Button-10 two speed with maintain On/Off	100COBD1

# Model 100 Series Pendant Push Button Stations

## Dimensions



**Note 1:** Please consult the factory for custom design.


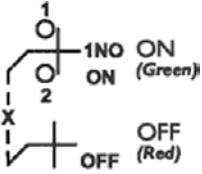
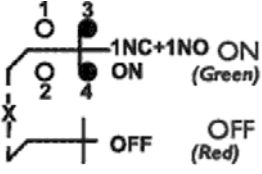

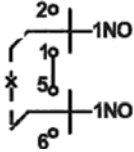
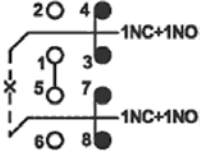

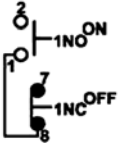
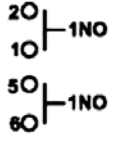


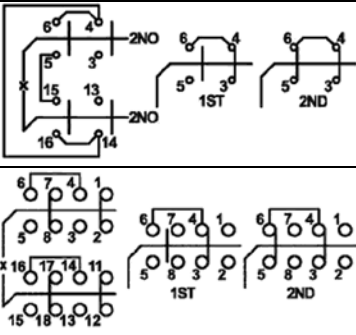

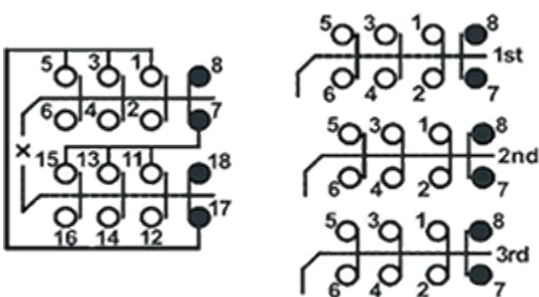
**Note 2:** Bushing collar can be mounted facing front or rear


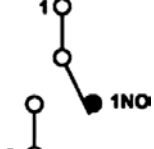

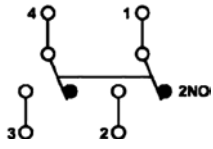

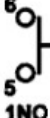
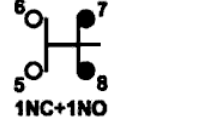

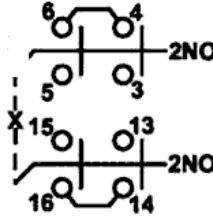
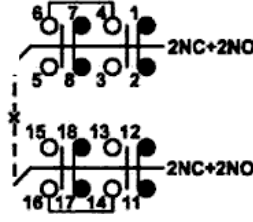








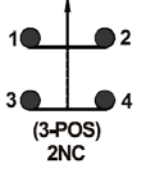
No of positions	A		B		C				D			
					100COBA1 & 100COBA2		100COBB1 & 100COBB2		Standard		Deep Back	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)
2	4.49	114	3.07	78	3.15	80	3.54	90	2.24	57	n/a	n/a
3	6.18	157	3.23	82								
4	7.09	180	3.07	78								
5	8.54	217	3.23	82					2.24	57	2.80	71
6	10.31	262	3.23	82								
7	11.61	295	3.23	82								
8	12.68	322	3.23	82								
10	15.24	387	3.43	87					2.80	71		
12	17.60	447	3.43	87								
14-24	See note 1											


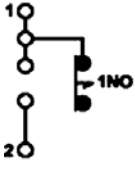
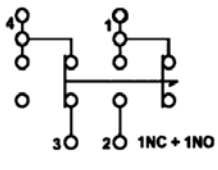
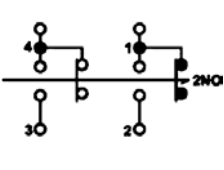




## Bushings

Cable bushing	Cable size	
	Diameter (mm)	Diameter (in)
100COBA1	7.5 – 10.5	.30 - .41
100COBA2	10.3 – 13.5	.41 - .53
100COBB1	13.3 – 16.5	.52 - .65
100COBB2	16.3 – 19.5	.64 - .77


# Switches

PART NUMBER	APPEARANCE	CONTACT ARRANGEMENT		OPERATION	
100UN80B10 100UN80B11		 <p>100UN80B10</p>	 <p>100UN80B11</p>	Maintained on-off	
100UN80C20 100UN80C22		 <p>100UN80C20</p>	 <p>100UN80C22</p>	Single speed with mechanical interlocking	
100UN80J11 100UN80J20 100UN80J22		 <p>100UN80J11</p>	 <p>100UN80J20</p>	 <p>100UN80J22</p>	Momentary on-off
100UN80D40 100UN80D44 100UN80D48		 <p>100UN80D40</p> <p>100UN80D44</p> <p>100UN80D48 Same as 100UN80D44 with delayed opening in contact 7 and 8, it is also called 'Break-Before-Make' contact arrangement.</p>		2-Speed with mechanical interlocking	
100UN80W62				3-Speed with mechanical interlocking	

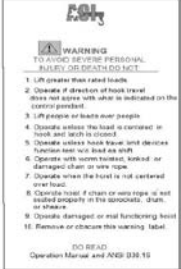
PART NUMBER	APPEARANCE	CONTACT ARRANGEMENT		OPERATION	
100UN80F10 100UN80F11 100UN80F20		 100UN80F10	 100UN80F11	 100UN80F20	Toggle switch
100UN80S10 100UN80S11		 100UN80S10	 100UN80S11	Momentary single speed button	
100UN80T40 100UN80T44		 100UN80T40	 100UN80T44	Momentary mechanical interlocking	
100UN80H		-----		Blind rubber	
100UN80V 1K		-----		Buzzer	
100UN80PJ210		 100UN80PJ210		Key Switch 2 positions	
100UN80MK01 100UN80MK11		 100UN80MK01	 100UN80MK11	Push lock	
100UN80P302		 100UN80P302		Maintained selector switch 2 and 3 positions	

PART NUMBER	APPEARANCE	CONTACT ARRANGEMENT			OPERATION
100UN80E10 100UN80E20 100UN80E11					Alternate switch
100LNR082B1R 100LER082B24R 100LER082B12R		100LNR082B1R - Lamp (Neon), 12 mm dia, 110 V / AC (Red) 100LER082B24R - Lamp (LED), 12 mm dia, 24 V / DC (Red) 100LER082B12R- Lamp (LED), 12mm dia, 12 V/ DC (Red)			Lamp, 12 mm dia.
100LNR103B1R 100LER103B24R 100LNR103B24R		100LNR103B1R - Lamp (Neon), 19 mm dia, 110 V / AC (Red) 100LER103B24R - Lamp (LED), 19 mm dia, 24 V / DC (Red) 100LNR103B12R- Lamp (Neon), 19 mm dia, 24 V / DC (Red)			Lamp, 19 mm dia.
100UNL		100UNL – Momentary Horn Switch, 19 mm dia.			Horn Switch
100UN80G1R 100UN80GD24R		100UN80G1R - Pilot Light Switch (Neon), 110 V / AC (Red) 100UN80GD24R - Pilot Light Switch (LED), 24 V / DC (Red)			Pilot Light
100GC 100BC 100RC		100GC – Neoprene Green Button Cover 100BC – Neoprene Black Button Cover 100RC – Neoprene Red Button Cover			Button Cover (Rubber)

## Button legends

PART NUMBER	APPEARANCE	DESCRIPTION	OPERATION
100BL		One (1) sheet is included with each assembled pendant	Button legend

## Warning Label

100WL		One (1) label is included with each assembled pendant	Warning label
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