



Push-Button Pendant T Series



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 purchase as complete assemblies with switches and accessories pre-installed, or you may build your own station by purchasing individual components and assembling them yourself.



689 7th Terrace
Dania, FL 33004
(954) 367-6116
www.acihoist.com

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1 General Information and Specifications

1.1 Description

T Series pendant stations are designed for standard or medium duty control circuit applications. The enclosures are made from double insulated thermoplastic material and these stations have been designed for easy handling and operation.

We offer two styles of stations: “small hoist” pistol grip stations with integral parts (see table 2 on page 4), and “general purpose” station components with modular assembly required. The general purpose components are available as custom, factory-assembled stations. For custom applications, a wide range of operators, contact blocks, legend plates, and accessories are offered. These pendants can be used on applications such as overhead cranes, tower cranes, fixed hoists, beam hoists and feature single and two speed versions, they are double insulated, shock and corrosion resistant, 3, 5, 7, 9, 11, 13 element versions and incredible ease of operation!

1.2 Premade Pendants

Model Number	# of Buttons	Description
T-XAC-A2713	3	1 SP, WITH E-STOP
T-XAC-A2713-Y	3	1 SP, WITH KEY SWITCH
T-XAC-A2913	3	2 SP, WITH E-STOP
T-XAC-A2913-Y	3	2 SP, WITH KEY SWITCH
T-XAC-A4713	5	1 SP, WITH E-STOP
T-XAC-A4713-Y	5	1 SP, WITH KEY SWITCH
T-XAC-A4913	5	2 SP, WITH E-STOP
T-XAC-A4913-Y	5	2 SP, WITH KEY SWITCH
T-XAC-A6713	7	1 SP, WITH E-STOP
T-XAC-A6713-Y	7	1 SP, WITH KEY SWITCH
T-XAC-A6913	7	2 SP, WITH E-STOP
T-XAC-A6913-Y	7	2 SP, WITH KEY SWITCH
T-XAC-A8713	9	1 SP, WITH E-STOP
T-XAC-A8713-Y	9	1 SP, WITH KEY SWITCH
T-XAC-A8913	9	2 SP, WITH E-STOP
T-XAC-A8913-Y	9	2 SP, WITH KEY SWITCH
T-XAC-A1013	11	1 SP, WITH E-STOP
T-XAC-A1013-Y	11	1 SP, WITH KEY SWITCH
T-XAC-A1013-D	11	2 SP, WITH E-STOP
T-XAC-A1013-YD	11	2 SP, WITH KEY SWITCH
T-XAC-A1213	13	1 SP, WITH E-STOP
T-XAC-A1213-Y	13	1 SP, WITH KEY SWITCH
T-XAC-A1213-D	13	2 SP, WITH E-STOP
T-XAC-A1213-YD	13	2 SP, WITH KEY SWITCH

1.3 Specifications

Specifications (Table 1 Below)

Electrical Ratings	NEMA / UL A600, Q600
Enclosure XACA0	NEMA/ UL Type 4, 4X (Indoor/Outdoor) 5, IP 65
XACA2 (Pistol Grip)	NEMA/ UL Type 4, 4X (Indoor/Outdoor) 5, IP 65
Operating Temperature	-15°C to +70°C (-5°F to +158°F)
Storage Temperature	-40°C to +70°C (-40°F to +158°F)
Housing Material	Yellow polypropylene V2
Shock Resistance	100 g
Vibration Resistance	15 g for 40 to 500 Hz
Mechanical Life	1 Million Operations (The product life expressed is based on average usage and normal operating conditions. Actual operating life varies with conditions. The above statements are not intended to nor shall they create any express or implied warranties as to product operation or life. For information on the limited warranty offered on this product, please contact ACI Hoist and Crane.)
Operating Force	T-Series multi-element types -With contact T-ZB2-BE: 1 daN (36 oz) for N.O.; 1.3 daN (46.8 oz.) for 1 N.O. / 1 N.C. -With contact T-XEN-G1191: 1.4 daN (50.4 oz.) for 1st step; 2.5 daN (89.9 oz.) for 2nd Step
Cable Entry	T-XACD: 7 to 18 mm All other models: 8 to 26 mm
Cabling	Screw and captive cable clamp terminals. Recommended torque 15.62 lb-in (1.8 Nm) Capacity: minimum 1 x 0.5 mm ² (20 AWG) solid or stranded; maximum, with or without cable end: 2 x 1.5 mm ² (16 AWG) or 1 x 2.5 mm ² (14 AWG) or by cable quick connector conforming to NF C 20-20 (on request)

Contact Blocks for Operators in Cover: (Table 4 Below)

Description	Wiring Diagram	Model Number
1 N.O. / Spring return / 1 speed	-	T-ZB2-BE101
1 N.C. / spring return / 1 speed	-	T-ZB2-BE102
1 N.O. early close, and 1 N.C. and 1 N.O. / spring return / 2 Speed	A	T-XEN-G1191
1 N.O. and 1 N.O. latching / 1 speed / interlocked	C	T-XEN-G3781
1 N.O. and 1 N.C. latching / 1 speed / interlocked	D	T-XEN-G3791



Booted Push Button



Mushroom Head



Selector Switch



Selector Switch
(Key Operated)

Operators			
Description		Color	Model Number
Booted Push Button		White	T-XAC-A9411
		Black	T-XAC-A9412
		Green	T-XAC-A9413
		Red	T-XAC-A9414
Description	Mushroom Size	Color	Catalog Number
Mushroom head, for momentary	30 mm	Red	T-ZA2-BC44
Mushroom head, for Maintain	30 mm	Red	TZA2-BS44
	40 mm		T-ZA2-BS54
	40 mm		TZA2-BS44
Mushroom head, push to maintain / key turn to release	30 mm	Red	T-ZA2-BS74
	40 mm		T-ZA2-BS14
Description		Color	Catalog Number
Selector switch / 2 position-maintained		Black	T-ZA2-BD2
Selector switch / 3 position-maintained		Black	T-ZA2-BD3
Selector switch / 2 position-maintained key operated-key removal from left or right position		NA	T-ZA2-BG4
Selector switch / 3 position-maintained key operated-key removal from left or right position		NA	T-ZA2-BG5
- Booted push buttons are for cover mounting only. All other operators can be mounted on cover or bottom			
-Trigger action mushroom heads are tamper-proof, meaning that teasing of floating the operator does NOT change the contact state			