



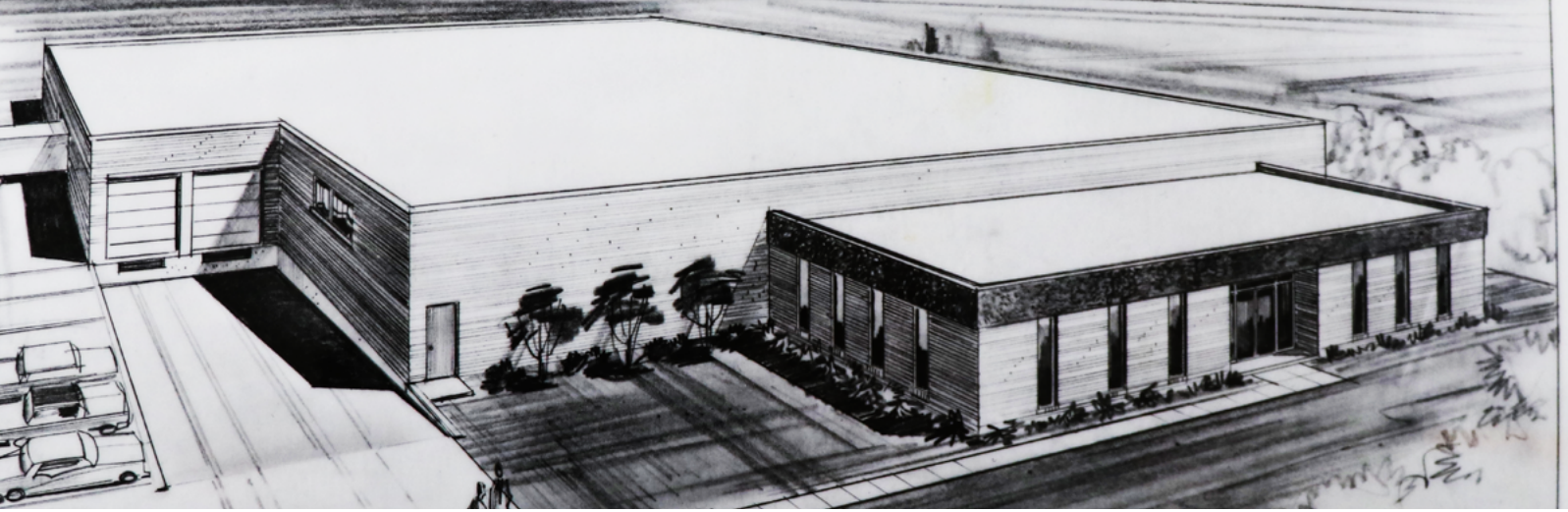
Push Button Pendant Stations

5500 Series Pendant Stations & Accessories

EXPERIENCE. INNOVATION. EXPERTISE.

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About Ericson Manufacturing

Over 105 years of Ericson innovation has given the industry a comprehensive product offering, all designed with exceptional worker safety in mind. Robust product design and precision engineering set Ericson apart for quality solutions built for exceptionally long service life.

Ericson prides itself on building over 98% of our product offering in the United States and Canada, offering customers reliable supply lines.

Our custom engineered products are designed to meet critical customer requirements for their most challenging applications - all intended to exceed their expectations for a highly engineered, quality built solution.



5500 Series – Pendant Stations



Applications:

- Overhead crane and monorail control
- Hoist, winch and elevator control
- Conveyor Control
- Industrial machine control

Unique Features:



Cable packing gland ensures water tight seal



Dedicated pilot light and horn openings



Neoprene booted buttons seal out dirt & moisture



Stainless steel fasteners & threaded inserts

Industry Leading Features:

- Indoor Use Only, NEMA 1, 3, 4, 4x and 12 (depending on model)
- IP65 suitability enclosure ratings
- Available in 2 to 12 button configurations
- Single, 2-speed, and 3-speed models available
- Neoprene boots seal out dirt & moisture
- 2-piece enclosure simplifies field wiring
- Soft pressure & positive indent switches provide tactile feedback
- Contacts rated 5A at 120VAC and 240VAC
- 2A at 12VDC and 24VDC
- Up to 100 G shock resistance
- Ambient temperature rated 5°F to 160°F (-15°C to 70°C) operation

Pistol Grip Leading Features:



- Indoor Use Only, NEMA 4 rated
- Available in 2 button configurations
- Single through 3-speed
- Neoprene boots seal out dirt & moisture
- 2-piece enclosure simplifies field wiring
- Soft pressure & positive indent switches provide optimum tactile feedback
- Contact rating, 5A at 120V (5502) and 5A at 240V (5503)
- 50-100 G shock resistance
- Ambient temperature: (5502) 5°F to 160°F (-15°C to 70°C), (5503) 50°C/122°F
- Cable O.D. Range: (.315"-.630"), 8-16mm

Ericson Crane Pendant Stations



Lamp & Horn Switch

Knock-out holes in .47 inch (12mm) and .75 inch (19mm) diameters. Available for a lamp and horn switches on 6 through 12 button enclosures.

Buttons

Silicone Rubber booted buttons. Seals out dirt and moisture. Available in red, green, and black.



Cable Bushings

Available in 10 sizes from 0.30 in. to 1.16 inches (7.5mm to 29.5mm).

Enclosure

Ergonomic design with highly visible ABS enclosure offering shock, vibration resistance. Standard and Deep two piece enclosures based on numbers and size of control conductors.

Button Legends

Pendant station labels



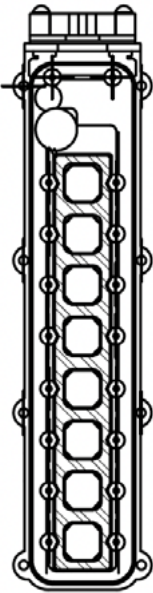




Selection Guide

5500 Series Pendant Stations

Part Number	Number of Buttons	Electrical Rating	Description
5502-PG	2	5A / 120VAC	Pistol Grip Enclosure – 1 Speed Momentary Buttons 1 NO / 1 NO
5503-PG	3	5A / 120VAC	Pistol Grip Enclosure – (1) E-Stop (ES1169) 1 NC + 1 NO, 1 Speed Momentary Buttons 1 NO / 1 NO (55S08)
5503-PG-2	3	5A / 120VAC	Pistol Grip Enclosure – (1) E-Stop (ES1169) 1 NC + 1 NO, 2 Speed Momentary Buttons, 2 NO / 2 NO (55S15)
5503-PG-3	3	5A / 120VAC	Pistol Grip Enclosure – (1) E-Stop (ES1169) 1 NC + 1 NO, 1 NC + 3 NO / 1 NC + 3 NO (55S17)
5502	2	5A / 120VAC	1 Speed Momentary Buttons 1 NO / 1 NO (55S08)
5502-2	2	5A / 120VAC	2 Speed Momentary Buttons 2 NO / 2 NO (55S15)
5504	4	5A / 120VAC	1 Speed Momentary Buttons 1 NO / 1 NO (55S08)
5504-2	4	5A / 120VAC	2 Speed Momentary Buttons 2 NO / 2 NO (55S15)
5504-A	4	5A / 120VAC	(1) Momentary On/Off (55S01), (1) Speed Momentary Buttons 1 NC + 1 NO / 1 NC + 1 NO (55S09)
5504-E	4	5A / 120VAC	(1) E-Stop (55S26), (1) 1 Speed Momentary Buttons 1 NC + 1 NO / 1 NC + 1 NO (55S09)
5506	6	5A / 120VAC	(1) Maintained On/Off Button 1 NO (55S01), (2) 1 Speed Momentary Buttons 1 NO / 1 NO (55S08)
5506-2	6	5A / 120VAC	(1) Maintained On/Off Button 1 NO (55S01), (2) 2 Speed Momentary Buttons 2 NO / 2 NO (55S15)
5506-A	6	5A / 120VAC	(1) Maintained On/Off Button 1 NO (55S01), (2) 1 Speed Momentary Buttons 1 NC + 1 NO / 1 NC + 1 NO (55S09)
5506-E	6	5A / 120VAC	(1) E-Stop (55S26), (2) 1 Speed Momentary Buttons 1 NC + 1 NO / 1 NC + 1 NO (55S09)
5508	8	5A / 120VAC	(1) Maintained On/Off Button 1 NO (55S01), (3) 1 Speed Momentary Buttons 1 NO / 1 NO (55S08)
5508-2	8	5A / 120VAC	(1) Maintained On/Off Button 1 NO (55S01), (3) 2 Speed Momentary Buttons 2 NO / 2 NO (55S15)
5508-A	8	5A / 120VAC	(1) Maintained On/Off Button 1 NO (55S01), (3) 1 Speed Momentary Buttons 1 NC + 1 NO / 1 NC + 1 NO (55S09)
5508-E	8	5A / 120VAC	(1) E-Stop (55S26), (3) 1 Speed Momentary Buttons 1 NC + 1 NO / 1 NC + 1 NO (55S09)
5510	10	5A / 120VAC	(1) Maintained On/Off Button 1 NO (55S01), (4) 1 Speed Momentary Buttons 1 NO / 1 NO (55S08)
5510-A	10	5A / 120VAC	(1) Maintained On/Off Button 1 NO (55S01), (4) 1 Speed Momentary Buttons 1 NC + 1 NO / 1 NC + 1 NO (55S09)
5510-E	10	5A / 120VAC	(1) E-Stop (55S26), (4) 1 Speed Momentary Buttons 1 NC + 1 NO / 1 NC + 1 NO (55S09)
5512	12	5A / 120VAC	(1) Maintained On/Off Button 1 NO (55S01), (5) 1 Speed Momentary Buttons 1 NO / 1 NO (55S08)
5512-A	12	5A / 120VAC	(1) Maintained On/Off Button 1 NO (55S01), (5) 1 Speed Momentary Buttons 1 NC + 1 NO / 1 NC + 1 NO (55S09)
5512-E	12	5A / 120VAC	(1) E-Stop (55S26), (5) 1 Speed Momentary Buttons 1 NC + 1 NO / 1 NC + 1 NO (55S09)

Selection Guide

Parts & Accessories, Cont.

	Part Number	Switch & Accessory Action	Contact Configuration / Design	Speed	# of Wires	# of Buttons
	55CG1	Enclosure Bushing - Small Inlet	Cable Range .30 - .41"	N/A	N/A	N/A
	55CG2		Cable Range .41 - .53"	N/A	N/A	N/A
	55CG3		Cable Range .52 - .65"	N/A	N/A	N/A
	55CG4		Cable Range .64 - .77"	N/A	N/A	N/A
	55CG5	Enclosure Bushing - Large Inlet	Cable Range .76 - .89"	N/A	N/A	N/A
	55CG6		Cable Range .88 - 1.0"	N/A	N/A	N/A
	55CG7		Cable Range 1.0 - 1.12"	N/A	N/A	N/A
	55EN02	Pendant Enclosure	2 Button Holes	N/A	N/A	2
	55EN04		4 Button Holes	N/A	N/A	4
	55EN06		6 Button Holes	N/A	N/A	6
	55EN06D		6 Button Holes - Deep Back	N/A	N/A	6
	55EN06H		6 Button Holes - Large Bushing Hole	N/A	N/A	6
	55EN02HD		6 Button Holes - Large Bushing Hole & Deep Back	N/A	N/A	6
	55EN08		8 Button Holes	N/A	N/A	8
	55EN08D		8 Button Holes - Deep Back	N/A	N/A	8
	55EN08H		8 Button Holes - Large Bushing Hole	N/A	N/A	8
	55EN08HD		8 Button Holes - Large Bushing Hole & Deep Back	N/A	N/A	8
	55EN10		10 Button Holes	N/A	N/A	10
	55EN10H		10 Button Holes - Large Bushing Hole	N/A	N/A	10
	55EN10HD		10 Button Holes - Large Bushing Hole & Deep Back	N/A	N/A	10
	55EN12H		12 Button Holes - Large Bushing Hole	N/A	N/A	12
55EN12HD	12 Button Holes - Large Bushing Hole & Deep Back	N/A	N/A	12		
	55S33	Blank Plate	Blank Plate for Single Hole Location	N/A	N/A	1
	5600-HS	Horn – 19mm Diameter for use with Large accessory hole in 6, 8, 10, 12 button enclosures	6A, 125V / 3A, 250V AC Horn	N/A	1	1
	55LN1A	Red Pilot Light – Large Hole, 19mm Dia. for use with Large Accessory Hole in 6, 8, 10, 12 button enclosures	110V AC	N/A	1	0
	55LN1D		12V DC	N/A	1	0
	55LN2D		24V AC/DC	N/A	1	0
	55PL1A	Red Pilot Light* - Button Hole, 22mm dia. for use within 1 button space	110V AC	N/A	2	1
	55PL1D		12V DC	N/A	2	1
	55PL2D		24V AC/DC	N/A	2	1

*Amber, Blue and Green Colored Pilot Lights Available




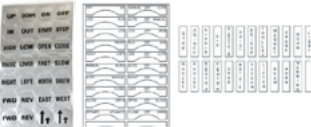
Selection Guide

Parts & Accessories, Cont.

	Part Number	Switch & Accessory Action	Contact Configuration / Design	Speed	# of Wires	# of Buttons
	55S01	Switch – Maintained on/off Two Button Interlocked	1 NO On/Off	1	1	2
	55S02		1 NC + 1 NO On/Off	1	1	2
	55S03	Switch – Momentary Two Button Non-Interlocked	1 NO / 1 NC	1	2	2
	55S04		1 NO / 1 NO	1	2	2
	55S05		1 NC + 1 NO / 1 NC + 1 NO	1	2	2
	55S06	Switch – Dual Pole Momentary Two Button w/ Mechanical Interlock	2 NO / 2 NO	1	4	2
	55S07		2 NC + 2 NO / 2 NC + 2 NO	1	4	2
	55S08	Switch – Momentary 1-Speed, Two Button w/ Mechanical Interlock	1 NO / 1 NO	1	2	2
	55S09		1 NC + 1 NO / 1 NC + 1 NO	1	2	2
	55S10	Switch – Momentary Single Button	1 NC	1	1	1
	55S11		1 NO	1	1	1
	55S12		1 NC + 1 NO	1	2	1
	55S13		2 NC	1	2	1
	55S14		2 NO	1	2	1
	55S15	Switch – Momentary 2-Speed**, Two Button w/ Mechanical Interlock	2 NO, 2 SPD / 2 NO	2	3	2
	55S16		2 NO + 2 NC, 2 SPD / 2 NO + 2 NC	2	3	2
	55S17	Switch – Momentary 3-Speed**, Two Button w/ Mechanical & Electrical Interlock	1 NC + 3 NO, 3 SPD / 1 NC + 3 NO	3	4	2
	55S18	Selector Switch – Maintained Two Position	1 NC, 2 POS	N/A	1	1
	55S19		1 NO, 2 POS	N/A	1	1
	55S20		1 NO + 1 NC, 2 POS	N/A	2	1
	55S21		2 NO, 2 POS	N/A	2	1
	55S22		2 NC, 3 POS Center Off	N/A	2	1
	55S23		2 NO, 3 POS Center Off	N/A	2	1
	55S24		2 NC, 2 POS	N/A	2	1
	55S25		1 NO + 1 NC, 3 POS Center Off	N/A	2	1
	55S26	E-STOP – Emergency Stop	1 NC	N/A	1	1
	55S27		1 NO	N/A	1	1
	55S28		1 NO + 1 NC	N/A	2	1
	55S29		2 NC	N/A	2	1
	55S30		2 NO	N/A	2	1
	ES1169		1 NC + 1 NO			
	55S31	Variable Position Resistor	Resistor 1K OHMS	N/A	2	1
	55S32		Resistor 2K OHMS	N/A	2	1

Selection Guide

Parts & Accessories, Cont.

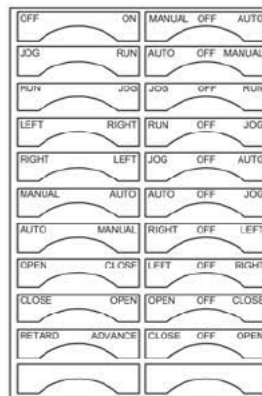
	Part Number	Switch & Accessory Action	Contact Configuration / Design	Speed	# of Wires	# of Buttons
	55S31	Variable Position Resistor	Resistor 1K OHMS	N/A	2	1
	55S32		Resistor 2K OHMS	N/A	2	1
	55S35		Resistor 5K OHMS	N/A	2	1
	55S310		Resistor 10K OHMS	N/A	2	1
	55J1	Jumper	Jumper for Switch 55S08 & 55S09, Points 1 to 5	N/A	N/A	N/A
	55J2		Jumper to Connect Commons for 1,2,3 Speed and On/Off Switches			
	55J3		Jumper to Connect 2 Speed Switches, Point 6 to 4 and 14 to 16			
	55J4		Jumper to Connect 3 Speed Switches, Point 18 of two adjacent			
	55J5		Jumper to Connect Common for 2 Speed Switches, Point 5 to 15			
	55BLACK	Button Cover	Black Boot	N/A	N/A	N/A
	55GREEN		Green Boot			
	55RED		Red Boot			
	55LC	Button Label Cover	Clear Button Label Cover	N/A	N/A	N/A
	LS1	Labels	Label Legend Sheet for Push Buttons (qty 28)	N/A	N/A	N/A
	LS2		Label Legend Sheet for Selector Switches (qty 22)			
	LS3		Label Legend Sheet for Enclosure (qty 24)			

Button Label Legends



BUTTON LEGEND – LS1

UP	DOWN	ON	OFF
IN	OUT	START	STOP
HIGH	LOW	OPEN	CLOSE
RAISE	LOWER	FAST	SLOW
RIGHT	LEFT	NORTH	SOUTH
FWD	REV	EAST	WEST
FWD	REV	↑	↑



SWITCH LEGEND – LS2

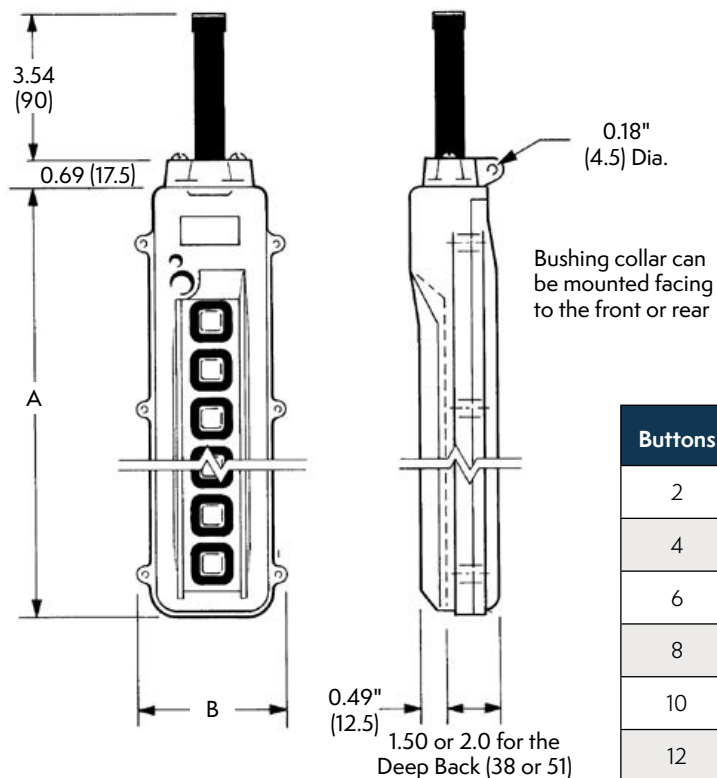
OFF/ON	MANUAL/OFF/AUTO
JOG/RUN	AUTO/OFF/MANUAL
RUN/JOG	JOG/OFF/RUN
LEFT/RIGHT	RUN/OFF/JOG
RIGHT/LEFT	JOG/OFF/AUTO
MANUAL/AUTO	AUTO/OFF/JOG
AUTO/MANUAL	RIGHT/OFF/LEFT
OPEN/CLOSE	LEFT/OFF/RIGHT
CLOSE/OPEN	OPEN/OFF/CLOSE
RETARD/ADVANCE	CLOSE/OFF/OPEN



VERTICAL LEGEND – LS3

STOP	M. HOIST	HOIST	ROTATE	WARNING
ON/OFF	A. HOIST	BRIDGE	VACUUM	DOOR
A/AB/B	M/BOTH/A	TROLLEY	LIFTER	LIGHT
A/B	#1/BOTH/#2	MAGNET	BEAM	
A/BOTH/B	GRAB	CRANE	HORN	

Pendant Enclosure Dimensions



Part Number	Bushing P/N	Cable Diameter
5502	55CG1	0.30-0.41
5502-2	55CG1	0.30-0.41
5504	55CG2	0.41-0.53
5504-A	55CG2	0.41-0.53
5504-E	55CG2	0.41-0.53
5506	55CG3	0.52-0.65
5506-A	55CG3	0.52-0.65
5506-E	55CG3	0.52-0.65
5508	55CG3	0.52-0.65
5508-A	55CG3	0.52-0.65
5508-E	55CG4	0.64-0.77
5510	55CG4	0.64-0.77
5512	55CG4	0.64-0.77

Build Your Own Crane Pendant

To make sure you get the correct reel, please collect your requirements using the data sheet below and on the next page. If you need help, contact us at 1.800.ERICSON (1.800.374.2766). Please email completed sheets to sales@ericson.com to obtain a quotation.

Pendant Information

Jumper

- Switch 55S08 & 55S09. Points 1 to 5.
- Connects Commons for 1,2,3 Speed & On/Off Switches
- Connects 2 Speed Switches. Point 6 to 4 & 14 to 16.
- Connects 3 Speed Switches. Point 18 of 2 adjacent.
- Connects Common for 2 Speed Switches. Point 5 to 15.

Bushing Size (Cable Diameter)

0.30-0.41	0.41-0.53
0.52-0.65	0.64-0.77

Lamp Horn & Pilot Light

Horn P/N _____

Pilot Light P/N _____

Pendant Enclosure (# of Button Holes)

2	4	6	8
10	12		

Available for Enclosures with 6-12 Holes:
 Lrg. Bushing Hole
 Lrg. Bushing Hole w/ Deep Back

Pendant Switches Needed (List part number):

- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____
- 6 _____
- 7 _____
- 8 _____
- 9 _____
- 10 _____
- 11 _____
- 12 _____

Button Covers

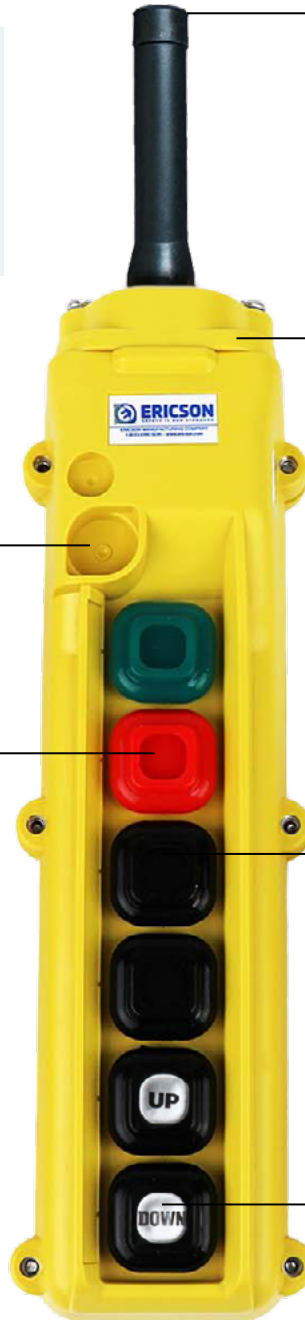
Black Boot # _____

Green Boot # _____

Red Boot # _____

Label Legend Sheet:

- For Push Buttons (qty. 28)
- For Selector Switches (qty. 22)
- For Enclosure (qty. 24)





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