

NCSEW Cast Control Centers

Explosionproof, Dust-Ignitionproof

NEC/CEC:

Class I, Division 1 and 2, Groups B, C, D

Class II, Division 1 and 2, Groups E, F, G

Class III

NEMA 4, 7BCD, 9EFG

Application

- Explosionproof control centers are used where hazardous materials are handled or stored.
- Grouping push buttons, switches, pilot devices and glass lenses in one enclosure will satisfy a wide range of control applications. This is most beneficial when having areas with minimum space or needing to centralize all controls in one area.

Features

- Precision machined flame path between body and cover.
- Bolt on stainless steel slotted mounting feet.
- Flexible hinge mounting on either side, (hinges standard on catalog numbers NCSEW121206 and above).
- External flange maximizes internal space.
- Wall thickness suitable for minimum of five full threads.
- Factory assembled and wired to specifications.
- Operators are spaced on 2-1/2" centers.
- All push buttons and selector switches have stainless steel shafts.
- Push button and selector switches are rated 10 Amp 600 Vac.
- Pilot lights are rated 6 Vac up to 600 Vac with transformer.
- Round windows available in a wide range of sizes.
- Provision for mounting pan.
- Ground lug package and installation instructions for termination of ground wires enclosed.
- O-ring gasket insures watertight integrity.

Standard Materials

- Bodies and covers: sand cast copperfree (4/10 of 1% max.) aluminum
- Cover bolts and mounting feet: stainless steel
- O-ring: neoprene

Standard Finish

- Bodies and covers: shot blast finish

Options

- Custom drilling and tapping.
- Gray epoxy powder coat available to provide NEMA 4X rating. Add suffix **-G2**.
- ATEX complete product certification add suffix **-X**.
- ATEX U Component certification add suffix **-XU**.
- For window installed option, contact your local representative for maximum number of operators.

NEC/CEC Certifications and Compliances

- UL Standards: UL 1203
- UL Classified: E84577
- UL Listed: Control Operators E87975
- CSA Standards: C22.2 No. 14-M, C22.2 No. 24, C22.2 No. 30
- CSA Certified: 042130



NCSEW Cast Control Centers

Explosionproof, Dust-Ignitionproof

NEC/CEC:
Class I, Division 1 and 2, Groups B, C, D
Class II, Division 1 and 2, Groups E, F, G
Class III
NEMA 4, 7BCD, 9EFG

Overall Dimensions			Dimensions in Millimeters (Inches)							Inside Dimensions			Catalog Number ②③
F	E	G	A	Mounting Dimensions		BB	W	H	Db	Dc			
				AA	B								
227.1 (8.94)	342.9 (13.50)	155.7 (6.13)	108.0 (4.25)	179.3 (7.06)	287.3 (11.31)	201.7 (7.94)	128.5 (5.06)	241.3 (9.50)	88.9 (3.50)	28.7 (1.13)	NCSEW050903		
264.2 (10.40)	315.0 (12.40)	165.1 (6.50)	115.8 (4.56)	231.9 (9.13)	268.2 (10.56)	114.3 (4.50)	152.4 (6.00)	203.2 (8.00)	95.3 (3.75)	19.1 (0.75)	NCSEW060804		
270.0 (10.63)	387.4 (15.25)	171.5 (6.75)	139.7 (5.50)	217.4 (8.56)	333.5 (13.13)	217.4 (8.56)	155.7 (6.13)	273.1 (10.75)	96.8 (3.81)	36.6 (1.44)	NCSEW061004		
270.0 (10.63)	422.4 (16.63)	162.1 (6.38)	115.8 (4.56)	231.9 (9.13)	385.8 (15.19)	215.9 (8.50)	155.7 (6.13)	308.1 (12.13)	103.1 (4.06)	25.4 (1.00)	NCSEW061204		
279.4 (11.00)	520.7 (20.50)	174.8 (6.88)	152.4 (6.00)	230.1 (9.06)	457.2 (18.00)	379.5 (14.94)	165.1 (6.50)	406.4 (16.00)	104.9 (4.13)	35.1 (1.38)	NCSEW061604		
311.2 (12.25)	403.4 (15.88)	254.0 (10.00)	162.1 (6.38)	222.3 (8.75)	338.1 (13.31)	277.9 (10.94)	187.5 (7.38)	289.1 (11.38)	149.4 (5.88)	63.5 (2.50)	NCSEW071106		
311.2 (12.25)	311.2 (12.25)	209.6 (8.25)	114.3 (4.50)	273.1 (10.75)	273.1 (10.75)	114.3 (4.50)	203.2 (8.00)	203.2 (8.00)	146.1 (5.75)	19.1 (0.75)	NCSEW080806		
317.5 (12.50)	368.3 (14.50)	215.9 (8.50)	177.8 (7.00)	273.1 (10.75)	317.5 (12.50)	165.1 (6.50)	203.2 (8.00)	254.0 (10.00)	146.1 (5.75)	19.1 (0.75)	NCSEW081006		
317.5 (12.50)	443.0 (17.44)	263.7 (10.38)	162.0 (6.38)	254.0 (10.00)	401.6 (15.81)	215.9 (8.50)	203.2 (8.00)	331.7 (13.06)	88.9 (3.50)	88.9 (3.50)	NCSEW081307		
352.6 (13.88)	393.7 (15.50)	220.7 (8.69)	184.2 (7.25)	300.2 (11.82)	333.5 (13.13)	217.4 (8.56)	238.3 (9.38)	282.7 (11.13)	122.2 (4.81)	47.8 (1.88)	NCSEW091105		
362.0 (14.25)	519.2 (20.44)	215.9 (8.50)	184.2 (7.25)	300.0 (11.81)	454.2 (17.88)	338.1 (13.31)	241.3 (9.50)	395.2 (15.56)	120.7 (4.75)	44.5 (1.75)	NCSEW091504		
376.2 (14.81)	376.2 (14.81)	231.9 (9.13)	165.1 (6.50)	330.2 (13.00)	330.2 (13.00)	114.2 (4.50)	260.4 (10.25)	260.4 (10.25)	146.1 (5.75)	38.1 (1.50)	NCSEW101006		
368.3 (14.50)	469.9 (18.50)	214.4 (8.44)	177.8 (7.00)	330.2 (13.00)	422.4 (16.63)	270.0 (10.63)	254.0 (10.00)	355.6 (14.00)	149.4 (5.88)	19.1 (0.75)	NCSEW101406		
368.3 (14.50)	469.9 (18.50)	244.6 (9.63)	177.8 (7.00)	330.2 (13.00)	422.4 (16.63)	270.0 (10.63)	254.0 (10.00)	355.6 (14.00)	196.9 (7.75)	19.1 (0.75)	NCSEW101408		
416.1 (16.38)	638.3 (25.13)	190.5 (7.50)	260.4 (10.25)	368.3 (14.50)	572.3 (22.53)	428.8 (16.88)	289.1 (11.38)	508.0 (20.00)	124.0 (4.88)	38.1 (1.50)	NCSEW112005		
400.1 (15.75)	746.3 (29.38)	258.8 (10.19)	215.9 (8.50)	358.9 (14.13)	685.5 (27.00)	508.0 (20.00)	273.1 (10.75)	619.3 (24.38)	152.4 (6.00)	41.4 (1.63)	NCSEW112406		
416.1 (16.38)	889.0 (35.00)	260.4 (10.25)	241.3 (9.50)	384.3 (15.13)	835.2 (32.88)	692.2 (27.25)	285.8 (11.25)	759.0 (29.88)	157.2 (6.19)	47.8 (1.88)	NCSEW113006		
441.5 (17.38)	441.5 (17.38)	235.0 (9.25)	219.2 (8.63)	397.0 (15.63)	397.0 (15.63)	219.2 (8.63)	311.2 (12.25)	311.2 (12.25)	146.1 (5.75)	38.1 (1.50)	NCSEW121206		
441.5 (17.38)	441.5 (17.38)	292.1 (11.50)	219.2 (8.63)	397.0 (15.63)	397.0 (15.63)	219.2 (8.63)	311.2 (12.25)	311.2 (12.25)	196.9 (7.75)	38.1 (1.50)	NCSEW121208		
431.8 (17.00)	584.2 (23.00)	231.9 (9.13)	177.8 (7.00)	400.1 (15.75)	533.4 (21.00)	358.9 (14.13)	311.2 (12.25)	463.6 (18.25)	146.1 (5.75)	38.1 (1.50)	NCSEW121806		
431.8 (17.00)	584.2 (23.00)	282.7 (11.13)	177.8 (7.00)	400.1 (15.75)	533.4 (21.00)	358.9 (14.13)	311.2 (12.25)	463.6 (18.25)	222.3 (8.75)	38.1 (1.50)	NCSEW121808		
425.5 (16.75)	730.3 (28.75)	282.7 (11.13)	222.3 (8.75)	400.1 (15.75)	704.9 (27.75)	466.9 (18.38)	304.8 (12.00)	609.6 (24.00)	196.9 (7.75)	25.4 (1.00)	NCSEW122408		
425.5 (16.75)	1035.1 (40.75)	301.8 (11.88)	222.3 (8.75)	400.1 (15.75)	1009.7 (39.75)	736.6 (29.00)	304.8 (12.00)	914.4 (36.00)	196.9 (7.75)	38.1 (1.50)	NCSEW123608 ①		
457.2 (18.00)	1079.5 (42.50)	265.2 (10.44)	301.8 (11.88)	409.7 (16.13)	1035.1 (40.75)	857.3 (33.75)	346.2 (13.63)	962.2 (37.88)	155.7 (6.13)	38.1 (1.50)	NCSEW133806		
492.3 (19.38)	492.3 (19.38)	242.8 (9.56)	247.7 (9.75)	425.5 (16.75)	425.5 (16.75)	247.7 (9.75)	374.7 (14.75)	374.7 (14.75)	146.1 (5.75)	35.1 (1.38)	NCSEW141406		
492.3 (19.38)	492.3 (19.38)	293.6 (11.56)	247.7 (9.75)	425.5 (16.75)	425.5 (16.75)	247.7 (9.75)	374.7 (14.75)	374.7 (14.75)	196.9 (7.75)	35.1 (1.38)	NCSEW141408		
498.6 (19.63)	736.6 (29.00)	304.8 (12.00)	333.5 (13.13)	476.3 (18.75)	698.5 (27.50)	457.2 (18.00)	378.0 (14.88)	616.0 (24.25)	203.2 (8.00)	38.1 (1.50)	NCSEW142408		
539.8 (21.25)	1092.2 (43.00)	306.3 (12.06)	349.3 (13.75)	498.6 (19.63)	1047.8 (41.25)	812.8 (32.00)	397.0 (15.63)	37.25 (946.2)	189.0 (7.44)	38.1 (1.50)	NCSEW153707		
533.4 (21.00)	533.4 (21.00)	249.2 (9.81)	279.4 (11.00)	501.7 (19.75)	501.7 (19.75)	279.4 (11.00)	419.1 (16.50)	419.1 (16.50)	146.1 (5.75)	38.1 (1.50)	NCSEW161606		
533.4 (21.00)	533.4 (21.00)	314.7 (12.39)	279.4 (11.00)	501.7 (19.75)	501.7 (19.75)	279.4 (11.00)	419.1 (16.50)	419.1 (16.50)	212.9 (8.38)	38.1 (1.50)	NCSEW161608		
543.1 (21.38)	593.9 (23.38)	382.5 (15.06)	304.8 (12.00)	482.6 (19.00)	533.4 (21.00)	355.6 (14.00)	412.8 (16.25)	463.6 (18.25)	301.8 (11.88)	9.7 (0.38)	NCSEW161812		
546.1 (21.50)	693.7 (27.31)	230.1 (9.06)	330.2 (13.00)	505.0 (19.88)	641.4 (25.25)	393.7 (15.50)	417.6 (16.44)	571.5 (22.50)	146.1 (5.75)	31.8 (1.25)	NCSEW162206 ①		
533.4 (21.00)	711.2 (28.00)	308.1 (12.13)	323.9 (12.75)	501.7 (19.75)	704.9 (27.75)	466.9 (18.38)	412.8 (16.25)	616.0 (24.25)	209.6 (8.25)	38.1 (1.50)	NCSEW162408		
527.1 (20.75)	831.9 (32.75)	219.2 (8.63)	330.2 (13.00)	476.3 (18.75)	781.1 (30.75)	533.4 (21.00)	412.8 (16.25)	717.6 (28.25)	146.1 (5.75)	38.1 (1.50)	NCSEW162806 ①		
593.9 (23.38)	593.9 (23.38)	252.5 (9.94)	330.2 (13.00)	552.5 (21.75)	552.5 (21.75)	330.2 (13.00)	463.6 (18.25)	463.6 (18.25)	146.1 (5.75)	38.1 (1.50)	NCSEW181806		
593.9 (23.38)	593.9 (23.38)	303.3 (11.94)	330.2 (13.00)	552.5 (21.75)	552.5 (21.75)	330.2 (13.00)	463.6 (18.25)	463.6 (18.25)	196.9 (7.75)	38.1 (1.50)	NCSEW181808		
608.1 (23.94)	762.0 (30.00)	309.4 (12.18)	409.7 (16.13)	552.5 (21.75)	704.9 (27.75)	466.9 (18.38)	463.6 (18.25)	614.4 (24.19)	196.9 (7.75)	38.1 (1.50)	NCSEW182408		
608.1 (23.94)	762.0 (30.00)	360.2 (14.18)	409.7 (16.13)	552.5 (21.75)	704.9 (27.75)	466.9 (18.38)	463.6 (18.25)	614.4 (24.19)	247.7 (9.75)	38.1 (1.50)	NCSEW182410		
574.8 (22.63)	879.6 (34.63)	308.1 (12.13)	374.7 (14.75)	552.5 (21.75)	857.3 (33.75)	584.2 (23.00)	463.6 (18.25)	768.4 (30.25)	196.9 (7.75)	38.1 (1.50)	NCSEW183008		
596.9 (23.50)	1060.5 (41.75)	312.7 (12.31)	279.4 (11.00)	552.5 (21.75)	1003.3 (39.50)	736.6 (29.00)	463.6 (18.25)	927.1 (36.50)	196.9 (7.75)	38.1 (1.50)	NCSEW183608		
596.9 (23.50)	1060.5 (41.75)	363.5 (14.31)	279.4 (11.00)	552.5 (21.75)	1003.3 (39.50)	736.6 (29.00)	463.6 (18.25)	927.1 (36.50)	247.7 (9.75)	38.1 (1.50)	NCSEW183610		
606.6 (23.88)	1216.2 (47.88)	301.8 (11.88)	406.4 (16.00)	584.2 (23.00)	1152.7 (45.38)	974.9 (38.38)	473.2 (18.63)	1073.2 (42.25)	177.8 (7.00)	38.1 (1.50)	NCSEW184207		
635.0 (25.00)	1651.0 (65.00)	323.9 (12.75)	330.2 (13.00)	596.9 (23.50)	1612.9 (63.50)	1270.0 (50.00)	508.0 (20.00)	1524.0 (60.00)	174.8 (6.88)	38.1 (1.50)	NCSEW206008 ①		
746.3 (29.38)	746.3 (29.38)	312.7 (12.31)	466.9 (18.38)	711.2 (28.00)	711.2 (28.00)	466.9 (18.38)	622.3 (24.50)	622.3 (24.50)	196.9 (7.75)	38.1 (1.50)	NCSEW242408		
746.3 (29.38)	746.3 (29.38)	363.5 (14.31)	466.9 (18.38)	711.2 (28.00)	711.2 (28.00)	466.9 (18.38)	622.3 (24.50)	622.3 (24.50)	247.7 (9.75)	38.1 (1.50)	NCSEW242410 ①		
736.6 (29.00)	889.0 (35.00)	330.2 (13.00)	457.2 (18.00)	711.2 (28.00)	863.6 (34.00)	584.2 (23.00)	609.6 (24.00)	762.0 (30.00)	203.2 (8.00)	49.3 (1.94)	NCSEW243008		
781.1 (30.75)	1092.2 (43.00)	331.7 (13.06)	463.6 (18.25)	711.2 (28.00)	1016.0 (40.00)	736.6 (29.00)	616.0 (24.25)	920.8 (36.25)	196.9 (7.75)	41.4 (1.63)	NCSEW243608		
781.1 (30.75)	1092.2 (43.00)	382.5 (15.06)	463.6 (18.25)	711.2 (28.00)	1016.0 (40.00)	736.6 (29.00)	616.0 (24.25)	920.8 (36.25)	247.7 (9.75)	41.4 (1.63)	NCSEW243610		
914.4 (36.00)	1117.6 (44.00)	349.3 (13.75)	533.4 (21.00)	863.6 (34.00)	1066.8 (42.00)	736.6 (29.00)	762.0 (30.00)	965.2 (38.00)	196.9 (7.75)	50.8 (2.00)	NCSEW303808		
914.4 (36.00)	1117.6 (44.00)	509.5 (20.06)	533.4 (21.00)	863.6 (34.00)	1066.8 (42.00)	736.6 (29.00)	762.0 (30.00)	965.2 (38.00)	196.9 (7.75)	196.9 (7.75)	NCSEW303816 ①		

- ① These cast control centers do not have ATEX certification.
 ② ATEX complete product certification add suffix **-X**.
 ③ ATEX U Component certification add suffix **-XU**.

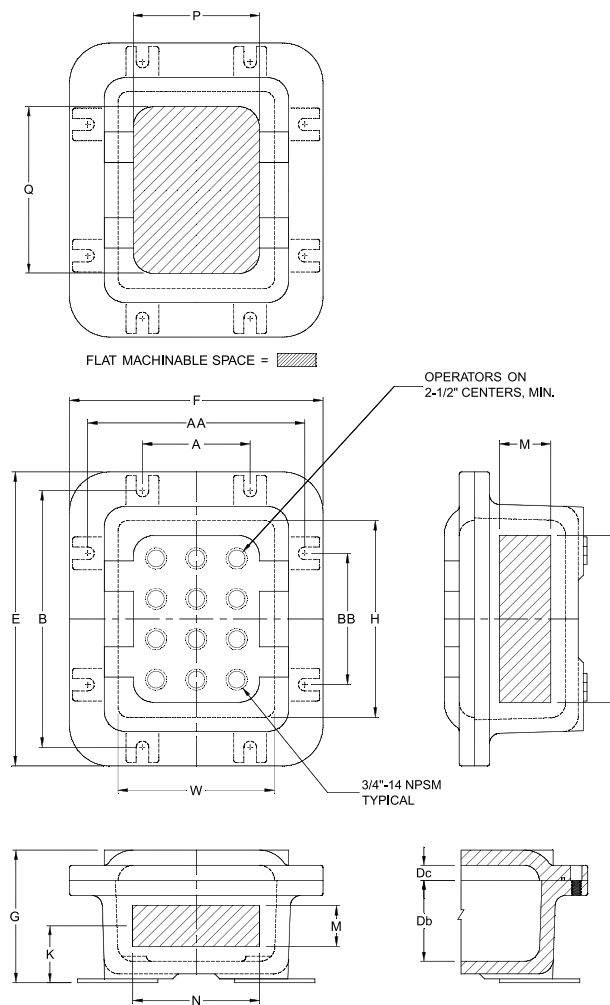
NCSEW Cast Control Centers

Explosionproof, Dust-Ignitionproof

NEC/CEC:
 Class I, Division 1 and 2, Groups B, C, D
 Class II, Division 1 and 2, Groups E, F, G
 Class III
 NEMA 4, 7BCD, 9EFG

Dimensions in Millimeters (Inches)					
Flat Machinable Space		Conduit Area			
Q	P	L	N	M	K
231.9 (9.13)	117.6 (4.63)	228.6 (9.00)	115.8 (4.56)	65.0 (2.56)	50.8 (2.00)
158.8 (6.25)	108.0 (4.25)	171.5 (6.75)	120.7 (4.75)	57.2 (2.25)	63.5 (2.50)
263.7 (10.38)	146.1 (5.75)	252.5 (9.94)	136.7 (5.38)	55.6 (2.19)	50.8 (2.00)
257.3 (10.13)	104.9 (4.13)	279.4 (11.00)	127.0 (5.00)	58.7 (2.31)	57.2 (2.25)
331.7 (13.06)	139.7 (5.50)	384.3 (15.13)	143.0 (5.63)	57.2 (2.25)	58.7 (2.31)
277.9 (10.94)	189.0 (7.44)	247.7 (9.75)	158.8 (6.25)	104.9 (4.13)	85.9 (3.38)
158.8 (6.25)	158.8 (6.25)	146.1 (5.75)	146.1 (5.75)	95.3 (3.75)	82.6 (3.25)
209.6 (8.25)	158.8 (6.25)	216.2 (8.51)	158.8 (6.25)	101.6 (4.00)	88.9 (3.50)
360.4 (14.19)	228.6 (9.00)	285.8 (11.25)	160.3 (6.31)	44.5 (1.75)	69.9 (2.75)
282.7 (11.13)	238.3 (9.38)	238.3 (9.38)	193.8 (7.63)	82.6 (3.25)	82.6 (3.25)
314.5 (12.38)	158.8 (6.25)	362.7 (14.28)	200.2 (7.88)	88.9 (3.50)	76.2 (3.00)
182.6 (7.19)	182.6 (7.19)	179.3 (7.06)	179.3 (7.06)	76.2 (3.00)	85.9 (3.38)
323.9 (12.75)	222.3 (8.75)	311.2 (12.25)	209.6 (8.25)	84.1 (3.31)	79.5 (3.13)
323.9 (12.75)	222.3 (8.75)	311.2 (12.25)	209.6 (8.25)	157.2 (6.19)	112.8 (4.44)
433.3 (17.06)	212.9 (8.38)	452.4 (17.81)	238.3 (9.38)	63.5 (2.50)	88.9 (3.50)
543.1 (21.38)	196.9 (7.75)	574.8 (22.63)	231.9 (9.13)	106.4 (4.19)	101.6 (4.00)
666.8 (26.25)	193.8 (7.63)	701.8 (27.63)	230.1 (9.06)	103.1 (4.06)	106.4 (4.19)
235.0 (9.25)	235.0 (9.25)	266.7 (10.50)	266.7 (10.50)	95.3 (3.75)	95.3 (3.75)
235.0 (9.25)	235.0 (9.25)	266.7 (10.50)	266.7 (10.50)	153.9 (6.06)	120.7 (4.75)
387.4 (15.25)	235.0 (9.25)	382.5 (15.06)	230.1 (9.06)	76.2 (3.00)	88.9 (3.50)
387.4 (15.25)	235.0 (9.25)	382.5 (15.06)	230.1 (9.06)	127.0 (5.00)	108.0 (4.25)
558.8 (22.00)	254.0 (10.00)	557.3 (21.94)	247.7 (9.75)	139.7 (5.50)	108.0 (4.25)
844.6 (33.25)	241.3 (9.50)	873.3 (34.38)	238.3 (9.38)	139.7 (5.50)	115.8 (4.56)
892.3 (35.13)	270.0 (10.63)	908.1 (35.75)	292.1 (11.50)	98.6 (3.88)	109.5 (4.31)
279.4 (11.00)	279.4 (11.00)	317.5 (12.50)	317.5 (12.50)	88.9 (3.50)	98.6 (3.88)
279.4 (11.00)	279.4 (11.00)	317.5 (12.50)	317.5 (12.50)	139.7 (5.50)	101.6 (4.00)
539.8 (21.25)	301.8 (11.88)	558.8 (22.00)	320.8 (12.63)	155.7 (6.13)	101.6 (4.00)
863.6 (34.00)	390.7 (15.38)	890.5 (35.06)	339.9 (13.38)	125.5 (4.94)	133.4 (5.25)
336.6 (13.25)	336.6 (13.25)	355.6 (14.00)	355.6 (14.00)	88.9 (3.50)	98.6 (3.88)
336.6 (13.25)	336.6 (13.25)	355.6 (14.00)	355.6 (14.00)	155.7 (6.13)	124.0 (4.88)
425.5 (16.75)	374.7 (14.75)	409.7 (16.13)	355.6 (14.00)	252.5 (9.94)	177.8 (7.00)
482.6 (19.00)	330.2 (13.00)	496.8 (19.56)	344.4 (13.56)	57.2 (2.25)	84.1 (3.31)
539.8 (21.25)	336.6 (13.25)	558.8 (22.00)	355.6 (14.00)	152.4 (6.00)	134.9 (5.31)
641.4 (25.25)	336.6 (13.25)	636.5 (25.06)	331.7 (13.06)	44.5 (1.75)	79.5 (3.13)
387.4 (15.25)	387.4 (15.25)	406.4 (16.00)	406.4 (16.00)	88.9 (3.50)	104.9 (4.13)
387.4 (15.25)	387.4 (15.25)	406.4 (16.00)	406.4 (16.00)	139.7 (5.50)	114.3 (4.50)
539.8 (21.25)	387.4 (15.25)	552.5 (21.75)	400.1 (15.75)	139.7 (5.50)	128.5 (5.06)
539.8 (21.25)	387.4 (15.25)	552.5 (21.75)	400.1 (15.75)	190.5 (7.50)	146.1 (5.75)
692.2 (27.25)	387.4 (15.25)	711.2 (28.00)	406.4 (16.00)	139.7 (5.50)	120.7 (4.75)
850.9 (33.50)	368.3 (14.50)	866.9 (34.13)	401.6 (15.81)	139.7 (5.50)	120.7 (4.75)
850.9 (33.50)	368.3 (14.50)	866.9 (34.13)	401.6 (15.81)	190.5 (7.50)	139.7 (5.50)
997.0 (39.25)	397.0 (15.63)	1038.4 (40.88)	435.1 (17.13)	127.0 (5.00)	127.0 (5.00)
1432.1 (56.3)	416.1 (16.38)	1460.5 (57.50)	444.5 (17.50)	127.0 (5.00)	120.7 (4.75)
539.8 (21.25)	539.8 (21.25)	562.1 (22.13)	562.1 (22.13)	139.7 (5.50)	127.0 (5.00)
539.8 (21.25)	539.8 (21.25)	562.1 (22.13)	562.1 (22.13)	190.5 (7.50)	155.7 (6.13)
657.4 (25.88)	505.0 (19.88)	695.5 (27.38)	543.1 (21.38)	150.9 (5.94)	133.4 (5.25)
844.6 (33.25)	533.4 (21.00)	863.6 (34.00)	533.4 (21.00)	149.4 (5.88)	130.3 (5.13)
844.6 (33.25)	533.4 (21.00)	863.6 (34.00)	533.4 (21.00)	190.5 (7.50)	152.4 (6.00)
1013.0 (39.8)	809.8 (31.88)	879.6 (34.63)	676.4 (26.63)	120.7 (4.75)	155.7 (6.13)
1013.0 (39.8)	809.8 (31.88)	879.6 (34.63)	676.4 (26.63)	120.7 (4.75)	155.7 (6.13)

Dimensions in Millimeters (Inches)



NCSEW Cast Control Centers

Explosionproof, Dust-Ignitionproof

NEC/CEC:

Class I, Division 1 and 2, Groups B, C, D

Class II, Division 1 and 2, Groups E, F, G

Class III

NEMA 4, 7BCD, 9EFG

Maximum Window Size Group B, C, D in Millimeters (Inches)	Maximum Number of Operators ②	Number of Rows		Cover Thickness Millimeters (Inches)	Maximum Conduit Size (NPT)	Approximate Weight Kgs (Lbs)	Mounting Hardware Catalog Number	Catalog Number ①
N/A	8	4	2	12.7 (0.50)	1.50	9.5 (21)	NMH2	NCSEW050903
N/A	6	3	2	19.1 (0.75)	2.00	9.1 (20)	NMH2	NCSEW060804
N/A	8	4	2	16.0 (0.63)	1.50	12.2 (27)	NMH2	NCSEW061004
N/A	8	4	2	16.0 (0.63)	2.00	15.9 (25)	NMH2	NCSEW061204
N/A	10	5	2	16.0 (0.63)	1.50	14.5 (32)	NMH2	NCSEW061604
76.2 (3.00)	12	6	2	19.1 (0.75)	2.00	15.9 (35)	NMH2	NCSEW071106
76.2 (3.00)	9	3	3	19.1 (0.75)	2.00	13.6 (30)	NMH2	NCSEW080806
76.2 (3.00)	9	3	3	19.1 (0.75)	2.00	16.4 (36)	NMH4	NCSEW081006
76.2 (3.00)	15	5	3	19.1 (0.75)	2.00	13.6 (30)	NMH2	NCSEW081307
101.6 (4.00)	16	4	4	17.5 (0.69)	2.00	10.0 (22)	NMH2	NCSEW091105
76.2 (3.00)	15	5	3	19.1 (0.75)	2.00	15.0 (33)	NMH2	NCSEW091504
101.6 (4.00)	9	3	3	19.1 (0.75)	2.00	20.0 (44)	NMH2	NCSEW101006
101.6 (4.00)	20	5	4	19.1 (0.75)	2.00	25.0 (55)	NMH4	NCSEW101406
101.6 (4.00)	20	5	4	19.1 (0.75)	4.00	27.2 (60)	NMH2	NCSEW101408
101.6 (4.00)	21	7	3	22.4 (0.88)	3.00	38.6 (85)	NMH8	NCSEW112005
101.6 (4.00)	27	9	3	22.4 (0.88)	3.00	32.7 (72)	NMH8	NCSEW112406
2 @ 101.6 (4.00)	33	11	3	22.4 (0.88)	3.00	51.3 (113)	NMH8	NCSEW113006
101.6 (4.00)	16	4	4	19.1 (0.75)	3.00	29.5 (65)	NMH8	NCSEW121206
101.6 (4.00)	16	4	4	19.1 (0.75)	3.50	31.8 (70)	NMH8	NCSEW121208
101.6 (4.00)	24	6	4	19.1 (0.75)	4.00	40.9 (90)	NMH5	NCSEW121806
101.6 (4.00)	24	6	4	19.1 (0.75)	4.00	45.8 (101)	NMH5	NCSEW121808
101.6 (4.00)	36	9	4	25.4 (1.00)	4.00	62.6 (138)	NMH4	NCSEW122408
3 @ 127.0 (5.00)	39	13	3	28.7 (1.13)	4.00	98.9 (218)	NMH5	NCSEW123608 ③
3 @ 127.0 (5.00)	56	14	4	25.4 (1.00)	3.50	86.2 (190)	NMH8	NCSEW133806
127.0 (5.00)	16	4	4	19.1 (0.75)	3.50	44.5 (98)	NMH8	NCSEW141406
127.0 (5.00)	16	4	4	19.1 (0.75)	3.00	47.6 (105)	NMH8	NCSEW141408
177.8 (7.00)	40	8	5	25.4 (1.00)	4.00	59.4 (131)	NMH6	NCSEW142408
2 @ 228.6 (9.00)	65	13	5	28.7 (1.13)	4.00	113.4 (250)	NMH8	NCSEW153707
228.6 (9.00)	25	5	5	25.4 (1.00)	3.50	59.9 (132)	NMH8	NCSEW161606
228.6 (9.00)	25	5	5	25.4 (1.00)	4.00	63.5 (140)	NMH8	NCSEW161608
228.6 (9.00)	42	7	6	31.8 (1.25)	4.00	68.0 (150)	NMH8	NCSEW161812
228.6 (9.00)	35	7	5	31.8 (1.25)	3.00	59.0 (130)	NMH8	NCSEW162206 ③
228.6 (9.00)	40	8	5	26.9 (1.06)	4.00	81.6 (180)	NMH6	NCSEW162408
2 @ 228.6 (9.00)	50	10	5	25.4 (1.00)	3.00	68.0 (150)	NMH8	NCSEW162806 ③
228.6 (9.00)	36	6	6	23.9 (0.94)	3.50	85.3 (188)	NMH8	NCSEW181806
228.6 (9.00)	36	6	6	23.9 (0.94)	4.00	89.8 (198)	NMH8	NCSEW181808
228.6 (9.00)	48	8	6	33.3 (1.31)	4.00	101.6 (224)	NMH8	NCSEW182408
228.6 (9.00)	48	8	6	33.3 (1.31)	4.00	106.6 (235)	NMH8	NCSEW182410
2 @ 228.6 (9.00)	66	11	6	31.8 (1.25)	4.00	120.2 (265)	NMH5	NCSEW183008
2 @ 228.6 (9.00)	78	13	6	28.7 (1.13)	4.00	113.4 (250)	NMH8	NCSEW183608
2 @ 228.6 (9.00)	78	13	6	28.7 (1.13)	4.00	122.5 (270)	NMH8	NCSEW183610
2 @ 228.6 (9.00)	90	15	6	31.8 (1.25)	4.00	140.6 (310)	NMH8	NCSEW184207
3 @ 228.6 (9.00)	132	22	6	25.4 (1.00)	4.00	236.3 (521)	NMH6	NCSEW206008 ③
228.6 (9.00)	64	8	8	28.7 (1.13)	4.00	102.1 (225)	NMH8	NCSEW242408
228.6 (9.00)	64	8	8	28.7 (1.13)	4.00	108.9 (240)	NMH8	NCSEW242410 ③
2 @ 177.8 (7.00)	80	10	8	28.7 (1.13)	4.00	190.5 (420)	NMH8	NCSEW243008
2 @ 228.6 (9.00)	104	13	8	38.1 (1.50)	4.00	190.5 (420)	NMH5	NCSEW243608
2 @ 228.6 (9.00)	104	13	8	38.1 (1.50)	4.00	204.1 (450)	NMH5	NCSEW243610
4 @ 228.6 (9.00)	130	13	10	44.5 (1.75)	4.00	272.1 (600)	NMH6	NCSEW303808
4 @ 228.6 (9.00)	130	13	10	44.5 (1.75)	4.00	362.9 (800)	NMH6	NCSEW303816 ③

Due to the nature of the sand cast process, external dimensions are subject to vary +/- 3.2 mm (0.125").

① ATEX complete product certification will bear an **X** suffix. ATEX U Component certification will bear an **XU** suffix.

② With window installed contact your local representative for maximum number of operators.

③ These cast control centers do not have ATEX certification.

Visit our website at www.emerson.com or contact us at (800) 621-1506.

© December 2018



NCSEW Cast Control Center Options and Accessories

Explosionproof, Dust-Ignitionproof

NEC/CEC:

Class I, Division 1 and 2, Groups B, C, D

Class II, Division 1 and 2, Groups E, F, G

Class III

NEMA 4, 7BCD, 9EFG

Round Windows

Catalog Number	Description
NW5	3" Viewing Area, Round Group B
NW6	4" Viewing Area, Round Group B
NW7	5" Viewing Area, Round Group B
NW10	7" Viewing Area, Round Group B
NW12	9" Viewing Area, Round Group B

Square Windows

Contact your local representative

Circuit Breaker Operators

Catalog Number	Description
NV1W	150AF Circuit Breaker Mechanism
NV2W	250AF Circuit Breaker Mechanism

Options

Factory Installed Suffix	Field Installed Catalog Number	Description
AB	N/A	Set of 4 standoffs 1/2" high
BR	BRTB4X	Breather, NEMA 4X (includes outlet and installation)
DN	DRNB4X	Drain, NEMA 4X (includes outlet and installation)
EGS	N/A	External grounding stud 3/8"-16
G1	N/A	Gray Powder Coat Epoxy (outside)
G2	N/A	Gray Powder Coat Epoxy (inside and outside)
H		Hinges, stainless steel
	AHOF12SS	Hinge Kit, 2 light duty SS hinges
	AHOF22SS	Hinge Kit, 2 heavy duty SS hinges
	AHOF23SS	Hinge Kit, 3 heavy duty SS hinges
K ①	N/A	Terminal blocks 600 Vac, 30 Amp (example: 5 points = 5K)
NP	N/A	Plastic nameplate, 2" x 4", 1/8" black letters on white surface, 3 lines max, specify legend.
NPSM75	N/A	3/4" NPSM Drill and Tap
Z	See Options and Accessories	Mounting pan

Mounting Hardware

Field Installed Catalog Number	Description
NMH1	1/4" - 20 x 1-1/4" Bolt, 1/4" - 20 Hex Nut, 1/4" Washers
NMH2	3/8" - 16 x 1-1/4" Bolt, 3/8" - 16 Hex Nut, 3/8" Washers
NMH3	7/16" - 14 x 1-3/4" Bolt, 7/16" - 14 Hex Nut, 7/16" Washers
NMH4	1/2" - 13 x 1-3/4" Bolt, 1/2" - 13 Hex Nut, 1/2" Washers
NMH5	1/2" - 13 x 2" Bolt, 1/2" - 13 Hex Nut, 1/2" Washers
NMH6	5/8" - 11 x 2" Bolt, 5/8" - 11 Hex Nut, 5/8" Washers
NMH7	1/2" - 13 x 1-1/4" Bolt, 1/2" - 13 Hex Nut, 1/2" Washers
NMH8	5/8" - 11 x 1-1/4" Bolt, 5/8" - 11 Hex Nut, 5/8" Washers

Drill and Tap Options

Symbol	Conduit Size (Inches - NPT)
A	1/2
B	3/4
C	1
D	1-1/4
E	1-1/2
F	2
G	2-1/2
H	3
J	3-1/2
K	4

Blind Tapped Holes

Suffix	Screw Size
BT1	#6 - 1/4"
BT2	5/16" - 1/2"

① Indicate number of points.

NCSEW Cast Control Center Options and Accessories

Explosionproof, Dust-Ignitionproof

NEC/CEC:

Class I, Division 1 and 2, Groups B, C, D

Class II, Division 1 and 2, Groups E, F, G

Class III

NEMA 4, 7BCD, 9EFG

Operators/Pilot Devices

Factory Installed Suffix	Description
A2X	2-Pos Selector Switch
A3X	3-Pos Selector Switch
A31X	Spring Return From Left to Center
A32X	Spring Return From Right to Center
A33X	Spring Return From Left and Right to Center
A34X	3-Pos Selector Switch - Key Operated
L1	Amber Pilot Light, 120 Vac
L12	Amber Pilot Light, 240 Vac
L14	Amber Pilot Light, 480 Vac
L12G	Amber Pilot Light, 240 Vac, Guarded
L14G	Amber Pilot Light, 480 Vac, Guarded
L1G	Amber Pilot Light, 120 Vac, Guarded
L2	Blue Pilot Light, 120 Vac
L22	Blue Pilot Light, 240 Vac
L24	Blue Pilot Light, 480 Vac
L22G	Blue Pilot Light, 240 Vac, Guarded
L24G	Blue Pilot Light, 480 Vac, Guarded
L2G	Blue Pilot Light, 120 Vac, Guarded
L3	Clear Pilot Light, 120 Vac
L32	Clear Pilot Light, 240 Vac
L34	Clear Pilot Light, 480 Vac
L32G	Clear Pilot Light, 240 Vac, Guarded
L34G	Clear Pilot Light, 480 Vac, Guarded
L3G	Clear Pilot Light, 120 Vac, Guarded
L4	Green Pilot Light, 120 Vac
L42	Green Pilot Light, 240 Vac
L44	Green Pilot Light, 480 Vac
L42G	Green Pilot Light, 240 Vac, Guarded
L4G	Green Pilot Light, 120 Vac, Guarded
L5	Red Pilot Light, 120 Vac

Factory Installed Suffix	Description
L52	Red Pilot Light, 240 Vac
L54	Red Pilot Light, 480 Vac
L52G	Red Pilot Light, 240 Vac, Guarded
L5G	Red Pilot Light, 120 Vac, Guarded
LP1X	Amber Lighted Push Button, 120 Vac
LP12X	Amber Lighted Push Button, 240 Vac
LP14X	Amber Lighted Push Button, 480 Vac
LP2X	Blue Lighted Push Button, 120 Vac
LP22X	Blue Lighted Push Button, 240 Vac
LP24X	Blue Lighted Push Button, 480 Vac
LP3X	Clear Lighted Push Button, 120 Vac
LP32X	Clear Lighted Push Button, 240 Vac
LP34X	Clear Lighted Push Button, 480 Vac
LP4X	Green Lighted Push Button, 120 Vac
LP42X	Green Lighted Push Button, 240 Vac
LP44X	Green Lighted Push Button, 480 Vac
LP4X	Green Lighted Push Button, 120 Vac
LP52X	Red Lighted Push Button, 240 Vac
LP54X	Red Lighted Push Button, 480 Vac
PO1	Potentiometer Operator, Short Barrel
PO2	Potentiometer Operator, Long Barrel
RS	Reset Button
S1X	Start Button
S2X	Stop Button
S3X	Start/Stop Button
S4X	Emergency Stop
S5X	Emergency Stop, Maintained
S6X	Black Push Button, NO
S7X	Black Push Button, NC
S8X	Black Push Button, NO/NC

NCSEW Cast Control Center Options and Accessories

Explosionproof, Dust-Ignitionproof

NEC/CEC:

Class I, Division 1 and 2, Groups B, C, D

Class II, Division 1 and 2, Groups E, F, G

Class III

NEMA 4, 7BCD, 9EFG

Mounting Pans

Overall Dimensions in Millimeters (Inches)		Mounting Pan Catalog Number	Junction Box Catalog Number
W	H		
88.9 (3.50)	215.9 (8.50)	NZ-593	NCSEW050903
114.3 (4.50)	165.1 (6.50)	NZ-684	NCSEW060804
127.0 (5.00)	254.0 (10.00)	NZ-6104	NCSEW061004
139.7 (5.50)	279.4 (11.00)	NZ-6124	NCSEW061204
13.4 (5.25)	381.0 (15.00)	NZ-6164	NCSEW061604
165.1 (6.50)	254.0 (10.00)	NZ-7116	NCSEW071106
165.1 (6.50)	165.1 (6.50)	NZ-886	NCSEW080806
165.1 (6.50)	215.9 (8.50)	NZ-8106	NCSEW081006
152.4 (6.00)	279.4 (11.00)	NZ-8137	NCSEW081307
209.6 (8.25)	254.0 (10.00)	NZ-9115	NCSEW091105
206.5 (8.13)	374.65 (14.75)	NZ-9154	NCSEW091504
190.5 (7.50)	190.5 (7.50)	NZ-10104/6	NCSEW101006
228.6 (9.00)	330.2 (13.00)	NZ-10146/8	NCSEW101406
228.6 (9.00)	330.2 (13.00)	NZ-10146/8	NCSEW101408
266.7 (10.50)	482.6 (19.00)	NZ-11205	NCSEW112005
251.0 (9.88)	590.6 (23.25)	NZ-11246	NCSEW112406
251.0 (9.88)	723.9 (28.50)	NZ-11306	NCSEW113006
266.7 (10.50)	266.7 (10.50)	NZ-12126/8	NCSEW121206
266.7 (10.50)	266.7 (10.50)	NZ-12126/8	NCSEW121208
266.7 (10.50)	419.1 (16.50)	NZ-12186/8	NCSEW121806
266.7 (10.50)	419.1 (16.50)	NZ-12186/8	NCSEW121808
273.1 (10.75)	574.8 (22.63)	NZ-12248	NCSEW122408
254.0 (10.00)	863.6 (34.00)	NZ-12368	NCSEW123608
292.1 (11.50)	924.1 (36.38)	NZ-13386	NCSEW133806
311.2 (12.25)	311.2 (12.25)	NZ-14146/8	NCSEW141406

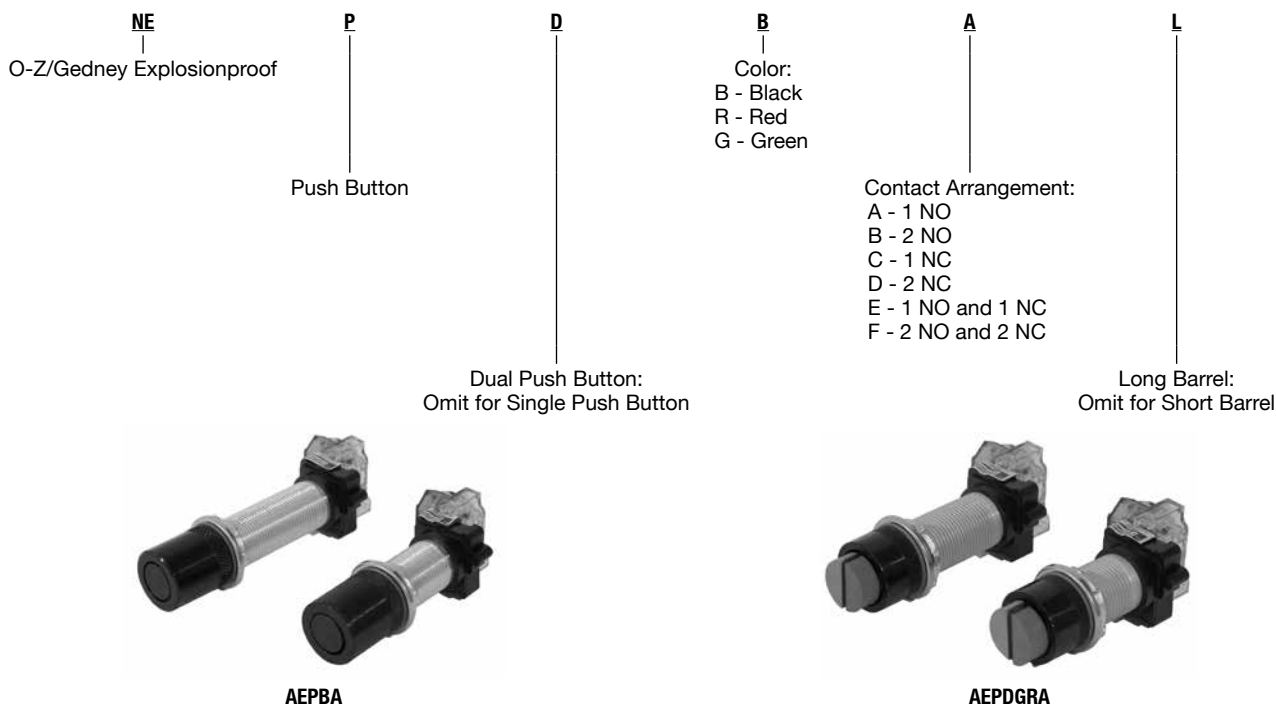
Overall Dimensions in Millimeters (Inches)		Mounting Pan Catalog Number	Junction Box Catalog Number
W	H		
311.2 (12.25)	311.2 (12.25)	NZ-14146/8	NCSEW141408
355.6 (14.00)	568.5 (22.38)	NZ-14248	NCSEW142408
368.3 (14.50)	901.7 (35.50)	NZ-15377	NCSEW153707
381.0 (15.00)	381.0 (15.00)	NZ-16166/8	NCSEW161606
381.0 (15.00)	381.0 (15.00)	NZ-16166/8	NCSEW161608
381.0 (15.00)	406.4 (16.00)	NZ-161812	NCSEW161812
355.6 (14.00)	508.0 (20.00)	NZ-16226	NCSEW162206
374.7 (14.75)	577.9 (22.75)	NZ-16248	NCSEW162408
355.6 (14.00)	660.4 (26.00)	NZ-16286	NCSEW162806
406.4 (16.00)	406.4 (16.00)	NZ-18186/8	NCSEW181806
406.4 (16.00)	406.4 (16.00)	NZ-18186/8	NCSEW181808
406.4 (16.00)	558.8 (22.00)	NZ-18248/10	NCSEW182408
406.4 (16.00)	558.8 (22.00)	NZ-18248/10	NCSEW182410
406.4 (16.00)	711.2 (28.00)	NZ-18308	NCSEW183008
431.8 (17.00)	882.7 (34.75)	NZ-18368/10	NCSEW183608
431.8 (17.00)	882.7 (34.75)	NZ-18368/10	NCSEW183610
431.8 (17.00)	1016.0 (40.00)	NZ-18427	NCSEW184207
457.2 (18.00)	1460.5 (57.50)	NZ-20608	NCSEW206008
558.8 (22.00)	558.8 (22.00)	NZ-24248/10	NCSEW242408
558.8 (22.00)	558.8 (22.00)	NZ-24248/10	NCSEW242410
571.5 (22.50)	711.2 (28.00)	NZ-24308	NCSEW243008
558.8 (22.00)	863.6 (34.00)	NZ-24368/10	NCSEW243608
558.8 (22.00)	863.6 (34.00)	NZ-24368/10	NCSEW243610
711.2 (28.00)	914.1 (36.00)	NZ-30388	NCSEW303808
711.2 (28.00)	914.1 (36.00)	NZ-30388	NCSEW303816

NCSEW Control Operators: Push Button Components

Momentary Contact. Explosionproof

NEC/CEC:
Class I, Division 1 and 2, Groups B, C, D
Class II, Division 1 and 2, Groups E, F, G
Class III
NEMA 4, 7BCD, 9EFG

Catalog Numbering Guide



Single Push Buttons

Contacts ①	Button Color	Catalog Number	
		Short Barrel	Long Barrel
1 NO	Black	NEPBA	NEPBA-L
1 NO	Red	NEPRA	NEPRA-L
1 NO	Green	NEPGN	NEPGA-L
2 NO	Black	NEPBB	NEPBB-L
2 NO	Red	NEPRB	NEPRB-L
2 NO	Green	NEPGB	NEPGB-L
1 NC	Black	NEPBC	NEPBC-L
1 NC	Red	NEPRC	NEPRC-L
1 NC	Green	NEPGC	NEPGC-L
2 NC	Black	NEPBD	NEPBD-L
2 NC	Red	NEPRD	NEPRD-L
2 NC	Green	NEPGD	NEPGD-L
1 NO and 1 NC	Black	NEPBE	NEPBE-L
1 NO and 1 NC	Red	NEPRE	NEPRE-L
1 NO and 1 NC	Green	NEPGE	NEPGE-L
2 NO and 2 NC	Black	NEPBF	NEPBF-L
2 NO and 2 NC	Red	NEPRF	NEPRF-L
2 NO and 2 NC	Green	NEPGF	NEPGF-L

① NO = Normally Open; NC = Normally Closed.

NOTE: Use long barrel devices on enclosure applications with cover thickness exceeding 22.225 mm (0.875").
 For legend plates, see Options, Accessories and Nameplates. All Operators are 3/4" NPSM.

Dual Push Buttons

Contacts ①	Button Color	Catalog Number	
		Short Barrel	Long Barrel
2 NO	Green/Red	NEPDGRB	NEPDGRB-L
2 NO	Black/Black	NEPDGBB	NEPDGBB-L
2 NC	Green/Red	NEPDGRD	NEPDGRD-L
2 NC	Black/Black	NEPDGBD	NEPDGBD-L
1 NO and 1 NC	Green/Red	NEPDGRE	NEPDGRE-L
1 NO and 1 NC	Black/Black	NEPDGBE	NEPDGBE-L
2 NO and 2 NC	Green/Red	NEPDGRF	NEPDGRF-L
2 NO and 2 NC	Black/Black	NEPDGBF	NEPDGBF-L

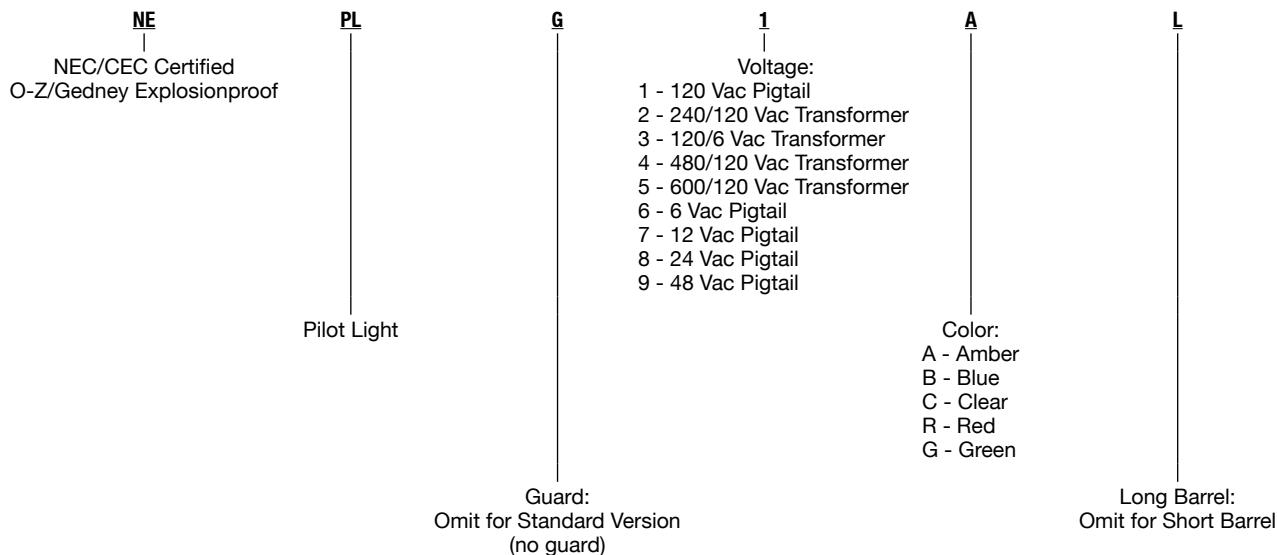
NCSEW Control Operators: Pilot Light Components

Explosionproof

NEC/CEC:

Class I, Division 1 and 2, Groups B, C, D
Class II, Division 1 and 2, Groups E, F, G
Class III
NEMA 4, 7BCD, 9EFG

Catalog Numbering Guide



Standard



Guarded

Voltage	Lens Color	Pilot Light Catalog Number		Guarded Pilot Light Catalog Number	
		Short Barrel	Long Barrel	Short Barrel	Long Barrel
120 Vac/Vdc Pigtail	Amber	NEPL1A ①	NEPL1A-L ①	NEPLG1A ①	NEPLG1A-L ①
	Red	NEPL1R ①	NEPL1R-L ①	NEPLG1R ①	NEPLG1R-L ①
	Green	NEPL1G ①	NEPL1G-L ①	NEPLG1G ①	NEPLG1G-L ①
	Clear	NEPL1C ①	NEPL1C-L ①	NEPLG1C ①	NEPLG1C-L ①
	Blue	NEPL1B ①	NEPL1B-L ①	NEPLG1B ①	NEPLG1B-L ①
240 Vac Transformer w/120 Vac Lamp	Amber	NEPL2A ②	NEPL2A-L ②	NEPLG2A ②	NEPLG2A-L ②
	Red	NEPL2R ②	NEPL2R-L ②	NEPLG2R ②	NEPLG2R-L ②
	Green	NEPL2G ②	NEPL2G-L ②	NEPLG2G ②	NEPLG2G-L ②
	Clear	NEPL2C ②	NEPL2C-L ②	NEPLG2C ②	NEPLG2C-L ②
	Blue	NEPL2B ②	NEPL2B-L ②	NEPLG2B ②	NEPLG2B-L ②
120 Vac Transformer w/6 Vac Lamp	Amber	NEPL3A ②	NEPL3A-L ②	NEPLG3A ②	NEPLG3A-L ②
	Red	NEPL3R ②	NEPL3R-L ②	NEPLG3R ②	NEPLG3R-L ②
	Green	NEPL3G ②	NEPL3G-L ②	NEPLG3G ②	NEPLG3G-L ②
	Clear	NEPL3C ②	NEPL3C-L ②	NEPLG3C ②	NEPLG3C-L ②
	Blue	NEPL3B ②	NEPL3B-L ②	NEPLG3B ②	NEPLG3B-L ②

① For pilot light with ATEX Certification place an X suffix at the end of the catalog number; example: AEPL1AX.

② Not available with ATEX Certification.

NOTE: Use long barrel devices on enclosure applications with cover thickness exceeding 22.225 mm (0.875").

For legend plates, see Options, Accessories and Nameplates. All Operators are 3/4" NPSM.

Visit our website at www.emerson.com or contact us at (800) 621-1506.

© December 2018

NCSEW Control Operators: Pilot Light Components

Explosionproof

NEC/CEC:

Class I, Division 1 and 2, Groups B, C, D

Class II, Division 1 and 2, Groups E, F, G

Class III

NEMA 4, 7BCD, 9EFG

Voltage	Lens Color	Pilot Light Catalog Number		Guarded Pilot Light Catalog Number	
		Short Barrel	Long Barrel	Short Barrel	Long Barrel
480 Vac Transformer w/120 Vac Lamp	Amber	NEPL4A ②	NEPL4A-L ②	NEPLG4A ②	NEPLG4A-L ②
	Red	NEPL4R ②	NEPL4R-L ②	NEPLG4R ②	NEPLG4R-L ②
	Green	NEPL4G ②	NEPL4G-L ②	NEPLG4G ②	NEPLG4G-L ②
	Clear	NEPL4C ②	NEPL4C-L ②	NEPLG4C ②	NEPLG4C-L ②
	Blue	NEPL4B ②	NEPL4B-L ②	NEPLG4B ②	NEPLG4B-L ②
600 Vac Transformer w/120 Vac Lamp	Amber	NEPL5A ②	NEPL5A-L ②	NEPLG5A ②	NEPLG5A-L ②
	Red	NEPL5R ②	NEPL5R-L ②	NEPLG5R ②	NEPLG5R-L ②
	Green	NEPL5G ②	NEPL5G-L ②	NEPLG5G ②	NEPLG5G-L ②
	Clear	NEPL5C ②	NEPL5C-L ②	NEPLG5C ②	NEPLG5C-L ②
	Blue	NEPL5B ②	NEPL5B-L ②	NEPLG5B ②	NEPLG5B-L ②
6 Vac/Vdc Pigtail	Amber	NEPL6A ①	NEPL6A-L ①	NEPLG6A ①	NEPLG6A-L ①
	Red	NEPL6R ①	NEPL6R-L ①	NEPLG6R ①	NEPLG6R-L ①
	Green	NEPL6G ①	NEPL6G-L ①	NEPLG6G ①	NEPLG6G-L ①
	Clear	NEPL6C ①	NEPL6C-L ①	NEPLG6C ①	NEPLG6C-L ①
	Blue	NEPL6B ①	NEPL6B-L ①	NEPLG6B ①	NEPLG6B-L ①
12 Vac/Vdc Pigtail	Amber	NEPL7A ①	NEPL7A-L ①	NEPLG7A ①	NEPLG7A-L ①
	Red	NEPL7R ①	NEPL7R-L ①	NEPLG7R ①	NEPLG7R-L ①
	Green	NEPL7G ①	NEPL7G-L ①	NEPLG7G ①	NEPLG7G-L ①
	Clear	NEPL7C ①	NEPL7C-L ①	NEPLG7C ①	NEPLG7C-L ①
	Blue	NEPL7B ①	NEPL7B-L ①	NEPLG7B ①	NEPLG7B-L ①
24 Vac/Vdc Pigtail	Amber	NEPL8A ①	NEPL8A-L ①	NEPLG8A ①	NEPLG8A-L ①
	Red	NEPL8R ①	NEPL8R-L ①	NEPLG8R ①	NEPLG8R-L ①
	Green	NEPL8G ①	NEPL8G-L ①	NEPLG8G ①	NEPLG8G-L ①
	Clear	NEPL8C ①	NEPL8C-L ①	NEPLG8C ①	NEPLG8C-L ①
	Blue	NEPL8B ①	NEPL8B-L ①	NEPLG8B ①	NEPLG8B-L ①
48 Vac/Vdc Pigtail	Amber	NEPL9A ①	NEPL9A-L ①	NEPLG9A ①	NEPLG9A-L ①
	Red	NEPL9R ①	NEPL9R-L ①	NEPLG9R ①	NEPLG9R-L ①
	Green	NEPL9G ①	NEPL9G-L ①	NEPLG9G ①	NEPLG9G-L ①
	Clear	NEPL9C ①	NEPL9C-L ①	NEPLG9C ①	NEPLG9C-L ①
	Blue	NEPL9B ①	NEPL9B-L ①	NEPLG9B ①	NEPLG9B-L ①

① For pilot light with ATEX Certification place an **X** suffix at the end of the catalog number; example: AEPL1AX.

② Not available with ATEX Certification.

NOTE: Use long barrel devices on enclosure applications with cover thickness exceeding 22.225 mm (0.875").
For legend plates, see Options, Accessories and Nameplates. All Operators are 3/4" NPSM.

NCSEW Control Operators: Lighted Push Button Components

Momentary Contact. Explosionproof

NEC/CEC:

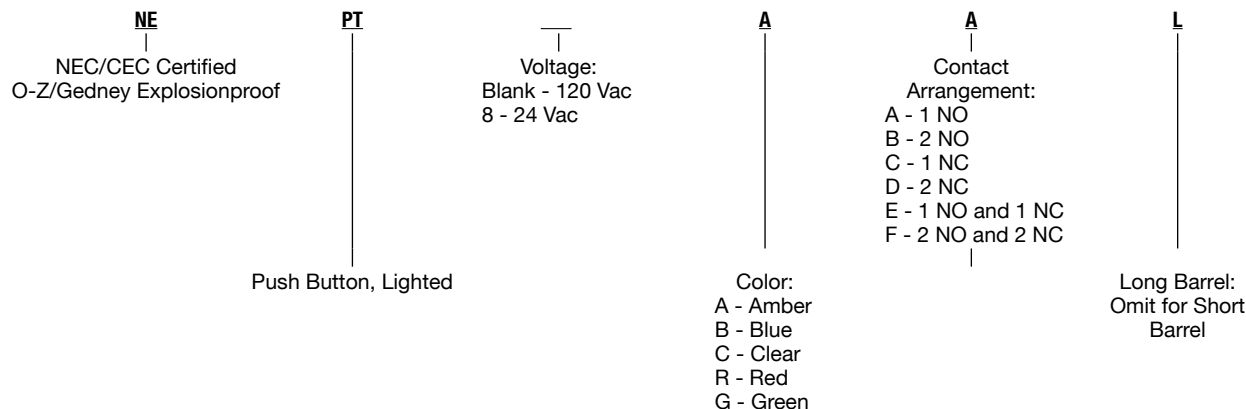
Class I, Division 1 and 2, Groups B, C, D

Class II, Division 1 and 2, Groups E, F, G

Class III

NEMA 4, 7BCD, 9EFG

Catalog Numbering Guide



Contacts ①	Lens Color	Catalog Number	
		Short Barrel	Long Barrel
1 NO	Amber	NEPTAA	NEPTAA-L
1 NO	Red	NEPTRA	NEPTRA-L
1 NO	Green	NEPTGA	NEPTGA-L
1 NO	Clear	NEPTCA	NEPTCA-L
1 NO	Blue	NEPTBA	NEPTBA-L
2 NO	Amber	NEPTAB	NEPTAB-L
2 NO	Red	NEPTRB	NEPTRB-L
2 NO	Green	NEPTGB	NEPTGB-L
2 NO	Clear	NEPTCB	NEPTCB-L
2 NO	Blue	NEPTBB	NEPTBB-L
1 NC	Amber	NEPTAC	NEPTAC-L
1 NC	Red	NEPTRC	NEPTRC-L
1 NC	Green	NEPTGC	NEPTGC-L
1 NC	Clear	NEPTCC	NEPTCC-L
1 NC	Blue	NEPTBC	NEPTBC-L

Contacts ①	Lens Color	Catalog Number	
		Short Barrel	Long Barrel
2 NC	Amber	NEPTAD	NEPTAD-L
2 NC	Red	NEPTRD	NEPTRD-L
2 NC	Green	NEPTGD	NEPTGD-L
2 NC	Clear	NEPTCD	NEPTCD-L
2 NC	Blue	NEPTBD	NEPTBD-L
1 NO and 1 NC	Amber	NEPTAE	NEPTAE-L
1 NO and 1 NC	Red	NEPTRE	NEPTRE-L
1 NO and 1 NC	Green	NEPTGE	NEPTGE-L
1 NO and 1 NC	Clear	NEPTCE	NEPTCE-L
1 NO and 1 NC	Blue	NEPTBE	NEPTBE-L
2 NO and 2 NC	Amber	NEPTAF	NEPTAF-L
2 NO and 2 NC	Red	NEPTRF	NEPTRF-L
2 NO and 2 NC	Green	NEPTGF	NEPTGF-L
2 NO and 2 NC	Clear	NEPTCF	NEPTCF-L
2 NO and 2 NC	Blue	NEPTBF	NEPTBF-L

① NO = Normally Open; NC = Normally Closed.

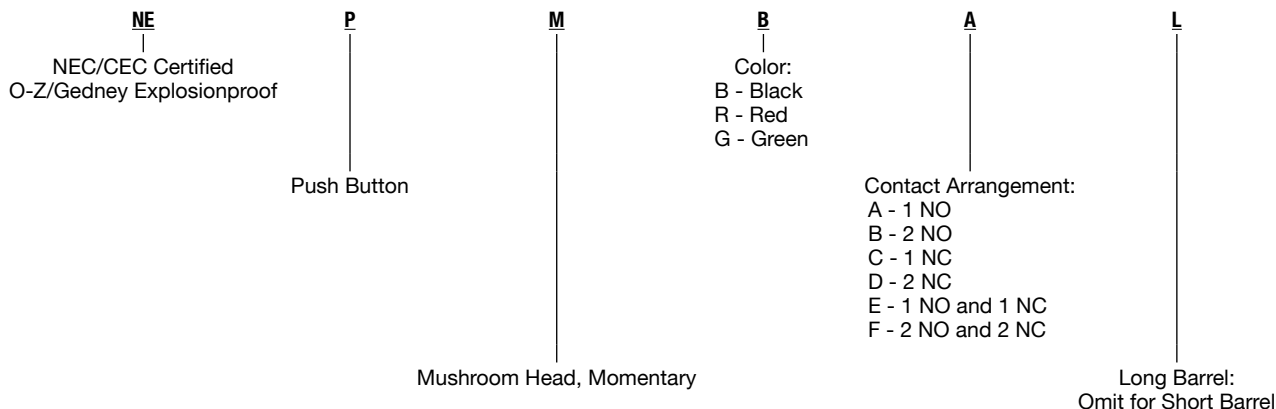
NOTE: Use long barrel devices on enclosure applications with cover thickness exceeding 22.225 mm (0.875").
For legend plates, see Options, Accessories and Nameplates. All Operators are 3/4" NPSM.

NCSEW Control Operators: Mushroom Head Push Button Components

Momentary Contact. Explosionproof

NEC/CEC:
 Class I, Division 1 and 2, Groups B, C, D
 Class II, Division 1 and 2, Groups E, F, G
 Class III
NEMA 4, 7BCD, 9EFG

Catalog Numbering Guide



Contacts ①	Lens Color	Catalog Number	
		Short Barrel	Long Barrel
1 NO	Black	NEPMBA	NEPMBA-L
1 NO	Red	NEPMRA	NEPMRA-L
1 NO	Green	NEPMGA	NEPMGA-L
2 NO	Black	NEPMBB	NEPMBB-L
2 NO	Red	NEPMRB	NEPMRB-L
2 NO	Green	NEPMGB	NEPMGB-L
1 NC	Black	NEPMBC	NEPMBC-L
1 NC	Red	NEPMRC	NEPMRC-L
1 NC	Green	NEPMGC	NEPMGC-L

Contacts ①	Lens Color	Catalog Number	
		Short Barrel	Long Barrel
2 NC	Black	NEPMBD	NEPMBD-L
2 NC	Red	NEPMRD	NEPMRD-L
2 NC	Green	NEPMGD	NEPMGD-L
1 NO and 1 NC	Black	NEPMBE	NEPMBE-L
1 NO and 1 NC	Red	NEPMRE	NEPMRE-L
1 NO and 1 NC	Green	NEPMGE	NEPMGE-L
2 NO and 2 NC	Black	NEPMBF	NEPMBF-L
2 NO and 2 NC	Red	NEPMRF	NEPMRF-L
2 NO and 2 NC	Green	NEPMGF	NEPMGF-L

① NO = Normally Open; NC = Normally Closed.

NOTE: Use long barrel devices on enclosure applications with cover thickness exceeding 22.225 mm (0.875").
 For legend plates, see Options, Accessories and Nameplates. All Operators are 3/4" NPSM.

NCSEW Control Operators: Mushroom Head Push Button Components

Maintained Contact. Explosionproof

NEC/CEC:

Class I, Division 1 and 2, Groups B, C, D

Class II, Division 1 and 2, Groups E, F, G

Class III

NEMA 4, 7BCD, 9EFG

Catalog Numbering Guide

NE
NEC/CEC Certified
O-Z/Gedney Explosionproof

P
Push Button

MC
Mushroom Head, Maintained

B
Color:
B - Black
R - Red
G - Green

A
Contact Arrangement:
A - 1 NO
B - 2 NO
C - 1 NC
D - 2 NC
E - 1 NO and 1 NC
F - 2 NO and 2 NC

L
Long Barrel:
Omit for Short Barrel



Contacts ①	Lens Color	Catalog Number	
		Short Barrel	Long Barrel
1 NO	Black	NEPMCBA	NEPMCBA-L
1 NO	Red	NEPMCRA	NEPMCRA-L
1 NO	Green	NEPMCGA	NEPMCGA-L
2 NO	Black	NEPMCBB	NEPMCBB-L
2 NO	Red	NEPMCRB	NEPMCRB-L
2 NO	Green	NEPMCGB	NEPMCGB-L
1 NC	Black	NEPMCBC	NEPMCBC-L
1 NC	Red	NEPMCRC	NEPMCRC-L
1 NC	Green	NEPMCGC	NEPMCGC-L

Contacts ①	Lens Color	Catalog Number	
		Short Barrel	Long Barrel
2 NC	Black	NEPMCBD	NEPMCBD-L
2 NC	Red	NEPMCRD	NEPMCRD-L
2 NC	Green	NEPMCGD	NEPMCGD-L
1 NO and 1 NC	Black	NEPMCBE	NEPMCBE-L
1 NO and 1 NC	Red	NEPMCRE	NEPMCRE-L
1 NO and 1 NC	Green	NEPMCGE	NEPMCGE-L
2 NO and 2 NC	Black	NEPMCBF	NEPMCBF-L
2 NO and 2 NC	Red	NEPMCRF	NEPMCRF-L
2 NO and 2 NC	Green	NEPMCGF	NEPMCGF-L

① NO = Normally Open; NC = Normally Closed.

NOTE: Use long barrel devices on enclosure applications with cover thickness exceeding 22.225 mm (0.875").
For legend plates, see Options, Accessories and Nameplates. All Operators are 3/4" NPSM.

NCSEW Miniature Control Operators

Explosionproof

NEC/CEC:
Class I, Division 1 and 2, Groups B, C, D
Class II, Division 1 and 2, Groups E, F, G
Class III
NEMA 4, 7BCD, 9EFG

Features

- Installation centers reduced to 1" centers.
- Allows selection of smaller enclosures.
- 3/8 - 16 thread.
- Stainless steel actuator shaft.
- Solid silver contacts rated 6 Amps at 125 Vac, 3 Amps at 250 Vac.



Contact Configuration	Catalog Number
DPDT Maintained	NEPMOB-3
DPDT Momentary	NEPMOB-4

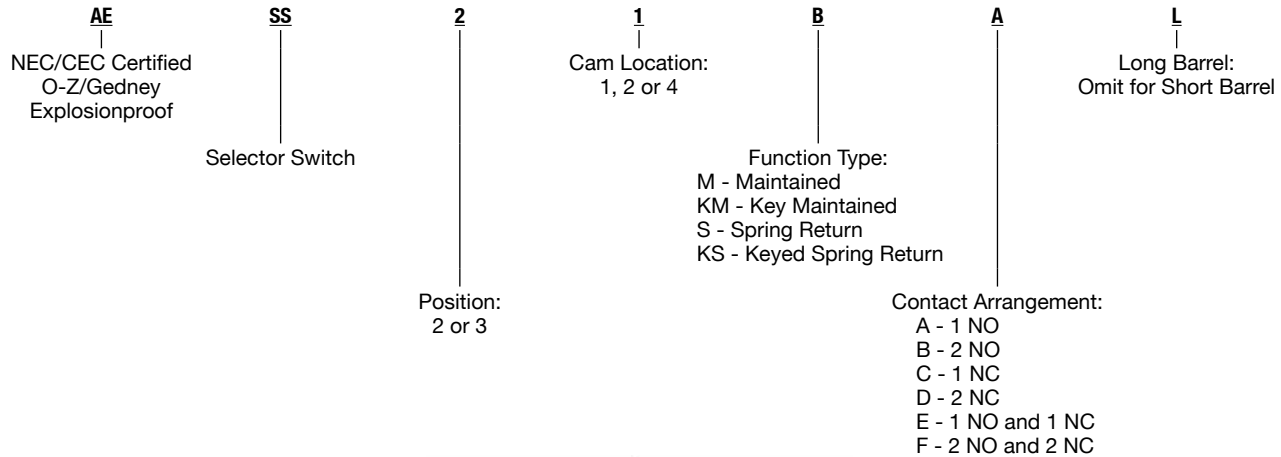
NOTE: Use long barrel devices on enclosure applications with cover thickness exceeding 22.225 mm (0.875"). For legend plates, see Options, Accessories and Nameplates. Miniature operators are NOT 3/4" NPSM.

NCSEW Control Operators: Selector Switch Components

Explosionproof

NEC/CEC:
 Class I, Division 1 and 2, Groups B, C, D
 Class II, Division 1 and 2, Groups E, F, G
 Class III
NEMA 4, 7BCD, 9EFG

Catalog Numbering Guide



Two Position — Maintained Contact

Contact	Lever Position X=Closed, O=Open		Catalog Number		Contact Block Position		Cam Location
	Left	Right	Standard Bushing	Long Bushing	L	R	
1	O	X	NESS22MG	NESS22MG-L	NO	-	2
1	X	O	NESS22MH	NESS22MH-L	NC	-	2
1	O	X	NESS22ML	NESS22ML-L	NC	NO	2
2	X	O					
1	O	X	NESS22MM	NESS22MM-L	NC	NC	2
2	O	X					
1	X	O	NESS22MR	NESS22MR-L	NOC	NOC	2
2	O	X					
3	X	O					
4	O	X					

NOTE: Use long barrel devices on enclosure applications with cover thickness exceeding 22.225 mm (0.875").
 For legend plates, see Options, Accessories and Nameplates. All Operators are 3/4" NPSM.

NCSEW Control Operators: Selector Switch Components

Explosionproof

NEC/CEC:

Class I, Division 1 and 2, Groups B, C, D

Class II, Division 1 and 2, Groups E, F, G

Class III

NEMA 4, 7BCD, 9EFG

Two Position — Spring Return Right to Center

Contact	Lever Position X=Closed, O=Open		Catalog Number		Contact Block Position		Cam Location
	Left	Right	Standard Bushing	Long Bushing	L	R	
1	O	X	NESS22SG	NESS22SG-L	NO	-	2
1	X	O	NESS22SH	NESS22SH-L	-	NO	2
1	O	X	NESS22SL	NESS22SL-L	NO	NO	2
2	X	O					
1	O	X	NESS22SM	NESS22SM-L	NO	NC	2
2	O	X					
1	X	O	NESS22SR	NESS22SR-L	2NC	2NC	2
2	O	X					
3	X	O					
4	O	X					

Three Position — Maintained Contact

Contact	Lever Position X=Closed, O=Open			Catalog Number		Contact Block Position		Cam Location
	Left	Center	Right	Standard Bushing	Long Bushing	L	R	
1	O	O	X	NESS31MN	NESS31MN-L	NO	NO	1
2	X	O	O					
1	X	O	O	NESS31MQ	NESS31MQ-L	NOC	NO	1
2	O	X	X					
1	O	O	X	NESS34MN	NESS34MN-L	NO	NC	4
2	O	X	O					
1	X	O	O	NESS32MN	NESS32MN-L	NC	NO	2
2	O	X	O					
1	O	O	X	NESS31MS	NESS31MS-L	2NO	2NO	1
2	X	O	O					
3	O	O	X					
4	X	O	O					
1	O	O	X	NESS34MS	NESS34MS-L	2NO	2NC	4
2	O	X	O					
3	O	O	X					
4	O	X	O					
1	X	O	O	NESS32MS	NESS32MS-L	2NC	2NO	2
2	O	X	O					
3	X	O	O					
4	O	X	O					

NOTE: Use long barrel devices on enclosure applications with cover thickness exceeding 22.225 mm (0.875"). See options page for legend plates. All Operators are 3/4" NPSM.

NCSEW Control Operators: Selector Switch Components

Explosionproof

NEC/CEC:
Class I, Division 1 and 2, Groups B, C, D
Class II, Division 1 and 2, Groups E, F, G
Class III
NEMA 4, 7BCD, 9EFG

Three Position — Spring Return — Maintained Contact

Contact	Lever Position X=Closed, O=Open			Catalog Number		Contact Block Position		Cam Location
	Left	Center	Right	Standard Bushing	Long Bushing	L	R	
1	O	O	X	NESS31SN	NESS31SN-L	NC	NC	1
2	X	O	O					
1	X	O	O	NESS31SQ	NESS31SQ-L	-	NOC	1
2	O	X	X					
1	O	O	X	NESS34SN	NESS34SN-L	NC	NC	4
2	O	X	O					
1	X	O	O	NESS32SN	NESS32SN-L	NC	NC	2
2	O	X	O					
1	O	O	X	NESS31SS	NESS31SS-L	2NC	2NC	1
2	X	O	O					
3	O	O	X					
4	X	O	O					
1	O	O	X	NESS34SS	NESS34SS-L	2NC	2NC	4
2	O	X	O					
3	O	O	X					
4	O	X	O					
1	X	O	O	NESS32SS	NESS32SS-L	2NC	2NC	2
2	O	X	O					
3	X	O	O					
4	O	X	O					

NOTE: Use long barrel devices on enclosure applications with cover thickness exceeding 22.225 mm (0.875").
For legend plates, see Options, Accessories and Nameplates. All Operators are 3/4" NPSM.

NCSEW Control Operators: Selector Switch Components

Explosionproof

NEC/CEC:
Class I, Division 1 and 2, Groups B, C, D
Class II, Division 1 and 2, Groups E, F, G
Class III
NEMA 4, 7BCD, 9EFG

CONTROLS: NEC/CEC, ATEX/IECEx EXPLOSIONPROOF/FLAMEPROOF CONTROL STATIONS AND SWITCHES

Two Position — Key Operated ①② — Maintained Contact

Contact	Lever Position X=Closed, O=Open		Catalog Number		Contact Block Position		Cam Location
	Left	Right	Standard Bushing	Long Bushing	L	R	
1	O	X	NESS22KMG	NESS22KMG-L	NO	—	2
1	X	O	NESS22KMH	NESS22KMH-L	—	NO	2
1	O	X	NESS22KML	NESS22KML-L	NO	NO	2
2	X	O					
1	O	X	NESS22KMM	NESS22KMM-L	NO	NC	2
2	O	X					
1	X	O	NESS22KMR	NESS22KMR-L	2NC	2NC	2
2	O	X					
3	X	O					
4	O	X					

Two Position — Key Operated ①② — Spring Return Right to Center

Contact	Lever Position X=Closed, O=Open		Catalog Number		Contact Block Position		Cam Location
	Left	Right	Standard Bushing	Long Bushing	L	R	
1	O	X	NESS22KSG	NESS22KSG-L	NO	—	2
1	X	O	NESS22KSH	NESS22KSH-L	—	NO	2
1	O	X	NESS22KSL	NESS22KSL-L	NO	NO	2
2	X	O					
1	O	X	NESS22KSM	NESS22KSM-L	NO	NC	2
2	O	X					
1	X	O	NESS22KSR	NESS22KSR-L	2NC	2NC	2
2	O	X					
3	X	O					
4	O	X					

① Locks are normally provided keyed differently. If keyed-alike locks are required, specify suffix **-KA1** and a standard type of identical locks will be provided. If a unique set of keyed-alike locks is required, specify and contact your local representative for delivery.

② Key removable from one field selectable position only. Contact your local representative for key removable in two positions.

NOTE: Use long barrel devices on enclosure applications with cover thickness exceeding 22.225 mm (0.875").
For legend plates, see Options, Accessories and Nameplates. All Operators are 3/4" NPSM.

NCSEW Control Operators: Selector Switch Components

Explosionproof

NEC/CEC:
Class I, Division 1 and 2, Groups B, C, D
Class II, Division 1 and 2, Groups E, F, G
Class III
NEMA 4, 7BCD, 9EFG

Three Position — Key Operated ①② — Maintained Contact

Contact	Lever Position X=Closed, O=Open			Catalog Number		Contact Block Position		Cam Location
	Left	Center	Right	Standard Bushing	Long Bushing	L	R	
1	O	O	X	NESS31KMN	NESS31KMN-L	NC	NC	1
2	X	O	O					
1	X	O	O	NESS31KMQ	NESS31KMQ-L	—	NOC	1
2	O	X	X					
1	O	O	X	NESS34KMN	NESS34KMN-L	NC	NC	4
2	O	X	O					
1	X	O	O	NESS32KMN	NESS32KMN-L	NC	NC	2
2	O	X	O					
1	X	O	O	NESS31KMS	NESS31KMS-L	2NC	2NC	1
2	O	O	X					
3	X	O	O					
4	O	O	X					
1	O	O	X	NESS34KMS	NESS34KMS-L	2NC	2NC	4
2	O	X	O					
3	O	O	X					
4	O	X	O					
1	X	O	O	NESS32KMS	NESS32KMS-L	2NC	2NC	2
2	O	X	O					
3	X	O	O					
4	O	X	O					

① Locks are normally provided keyed differently. If keyed-alike locks are required, specify suffix **-KA1** and a standard type of identical locks will be provided. If a unique set of keyed-alike locks is required, specify and contact your local representative for delivery.

② Key removable from one field selectable position only. Contact your local representative for key removable in two positions.

NOTE: Use long barrel devices on enclosure applications with cover thickness exceeding 22.225 mm (0.875").
For legend plates, see Options, Accessories and Nameplates. All Operators are 3/4" NPSM.

NCSEW Control Operators: Selector Switch Components

Explosionproof

NEC/CEC:
Class I, Division 1 and 2, Groups B, C, D
Class II, Division 1 and 2, Groups E, F, G
Class III
NEMA 4, 7BCD, 9EFG

Two Position — Key Operated ①② — Spring Return

Contact	Lever Position X=Closed, O=Open			Catalog Number		Contact Block Position		Cam Location
	Left	Center	Right	Standard Bushing	Long Bushing	L	R	
1	X	O	O	NESS31KSN	NESS31KSN-L	NC	NC	1
2	O	O	X					
1	X	O	O	NESS31KSQ	NESS31KSQ-L	—	NOC	1
2	O	X	X					
1	O	O	X	NESS34KSN	NESS34KSN-L	NC	NC	4
2	O	X	O					
1	X	O	O	NESS32KSN	NESS32KSN-L	NC	NC	2
2	O	X	O					
1	X	O	O	NESS31KSS	NESS31KSS-L	2NC	2NC	1
2	O	O	X					
3	X	O	O					
4	O	O	X					
1	O	O	X	NESS34KSS	NESS34KSS-L	2NC	2NC	4
2	O	X	O					
3	O	O	X					
4	O	X	O					
1	X	O	O	NESS32KSS	NESS32KSS-L	2NC	2NC	2
2	O	X	O					
3	X	O	O					
4	O	X	O					

① Locks are normally provided keyed differently. If keyed-alike locks are required, specify suffix **-KA1** and a standard type of identical locks will be provided. If a unique set of keyed-alike locks is required, specify and contact your local representative for delivery.

② Key removable from one field selectable position only. Contact your local representative for key removable in two positions.

NOTE: Use long barrel devices on enclosure applications with cover thickness exceeding 22.225 mm (0.875").
For legend plates, see Options, Accessories and Nameplates. All Operators are 3/4" NPSM.

NCSEW Control Operator Accessories

Explosionproof

NEC/CEC:
Class I, Division 1 and 2, Groups B, C, D
Class II, Division 1 and 2, Groups E, F, G
Class III
NEMA 4, 7BCD, 9EFG

	Item	Description	Catalog Number
	360° Rotating Shaft		
		Manual operated shaft used for devices requiring external adjustment. The shaft is 6.35 mm (0.25") diameter and is provided with a coupling to compensate for misalignment.	BRO250C
	Standard Reset Button		
		Six-inch length can be field modified for specific length. Suitable for use in Class I, Groups B, C and D applications.	NEPRS
		For long barrel	AEPRSL
	Miniature Reset Button		
		Six-inch length can be field modified for specific length. Suitable for use in Class I, Groups B, C and D applications. 3/8 - 16 Threads.	NEPRM ①
	Weather Cap For Push Button Devices		
		Field attachable weather cap snaps on easily without the use of adhesives.	
	Black		PBCAPB
	Green		PBCAPG
		Red	PBCAPR
	Plug		
		3/4" NPSM to plug unused openings.	AA-9400
	Potentiometer Operator		
		Operator for use with potentiometers having a 6.35 mm (0.25") diameter by 22.225 mm (0.875") long shaft. The operator is furnished with a control knob and dial plate marked 0 to 100.	NPO1
		Long bushing for applications where enclosure cover thickness is greater than 22.225 mm (0.875").	NPO2
	NP02		

① Not available with ATEX Certification.

NOTE: Use long barrel devices on enclosure applications with cover thickness exceeding 22.225 mm (0.875"). For legend plates, see Options, Accessories and Nameplates. All Operators are 3/4" NPSM.

NCSEW Control Operator Options, Accessories and Nameplates

Explosionproof

NEC/CEC:
Class I, Division 1 and 2, Groups B, C, D
Class II, Division 1 and 2, Groups E, F, G
Class III
NEMA 4, 7BCD, 9EFG

Optional Features

Item Description	Suffix
Keyed Alike (Selector Switches)	KA1
Additional Keys (Keyed Selector Switches)	441-KEYS

NOTE: Additional keys may only be purchased when ordering devices.
Keys may not be purchased for devices installed in the field.

Nameplates

Legend Plate	Catalog Number
Start	N441-01
Stop	N441-02
High	N441-03
Low	N441-04
On	N441-05
Off	N441-06
Forward	N441-07
Reverse	N441-08
Open	N441-09
Close	N441-10
Up	N441-11
Down	N441-12
Reset	N441-13
Run	N441-14
Trip	N441-15
Blank	N441-16
Emergency Stop (Red)	N441-17
Custom Engraved Legend Plates (Specify Lettering)	N441-16SP
Off—On	N441-20
Open—Close	N441-21
For—Rev	N441-22
High—Low	N441-23
Start—Stop	N441-24
Up—Down	N441-25
Local—Remote	N441-26
Hand—Off—Auto	N441-30
For—Off—Rev	N441-31
Open—Off—Close	N441-32
Off—Low—High	N441-33
Push to Start—Push to Stop	N441-40

Accessories

Lamp Description	Catalog Number
6 Vac Lamp	N6S6-6V
12 Vac Lamp	N6S6-12V
24 Vac Lamp	N6S6-24V
48 Vac Lamp	N6S6-48V
120 Vac Lamp	N6S6-120V
135 Vac Lamp	N6S6-135V
240 Vac Lamp	N6S6-240V

Pilot Light Replacement Kit — Pilot Lights (120 V)

Catalog Number	Lens Color
Amber	NEPRLAA
Blue	NEPRLAB
Clear	NEPRLAC
Green	NEPRLAG
Red	NEPRLAR

Guarded Pilot Lights (120 V)

Catalog Number	Lens Color
Amber	NEPRLAA-G
Blue	NEPRLAB-G
Clear	NEPRLAC-G
Green	NEPRLAG-G
Red	NEPRLAR-G

Push-to-Test Pilot Lights (120 V)

Catalog Number	Lens Color
Amber	NEPTRLA-A
Blue	NEPTRLA-B
Clear	NEPTRLA-C
Green	NEPTRLA-G
Red	NEPTRLA-R

Contact Block	Catalog Number
1 NO/1 NC	N9001 KA1
1 NO	N9001 KA2
1 NC	N9001 KA3

NCSEW Control Operators

Add 1" to length for Contact Block. Thread Size —3/4" NPSM.

NEC/CEC:

Class I, Division 1 and 2, Groups B, C, D

Class II, Division 1 and 2, Groups E, F, G

Class III

NEMA 4, 7BCD, 9EFG

Dimensions in Millimeters (Inches)

Short Barrel		Long Barrel	
Pilot Light	Guarded Pilot Light	Pilot Light	Guarded Pilot Light
Mushroom Push Button	Push-To-Test	Mushroom Push Button	Push-To-Test
Push Button		Push Button	
Potentiometer Operator	Dual Push Button	Potentiometer Operator	Dual Push Button
Miniature Reset			
Standard Reset		Standard Reset	
Selector Switch	Keyed Selector Switch	Selector Switch	Keyed Selector Switch

NCSEW Series Drill and Tap Schedule

Customer's original purchase order must accompany completed form

NEC/CEC:

Class I, Division 1 and 2, Groups B, C, D

Class II, Division 1 and 2, Groups E, F, G

Class III

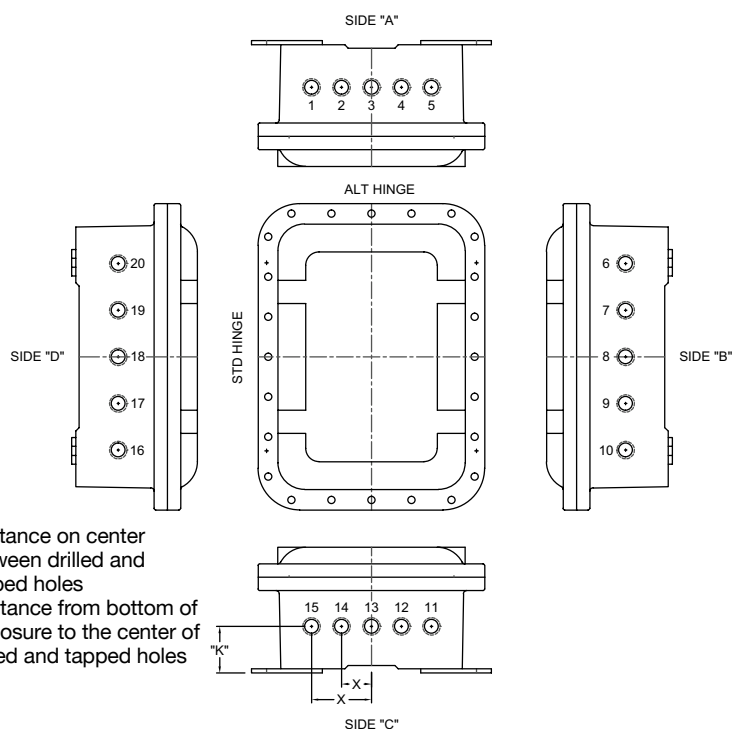
NEMA 4, 7BCD, 9EFG

Company Name			
Shipping Address			
Account Number		Purchase Order Number	
Part Number		Purchase Order Date	
Quantity		Internal Order Number	

Position	Conduit Size	Dimension "X"	Dimension "K"
1			
2			
3 CL			
4			
5			
6			
7			
8 CL			
9			
10			
11			
12			
13 CL			
14			
15			
16			
17			
18 CL			
19			
20			

	Yes	No
Entries Required:	☐	☐
Standard Hinges Required:	☐	☐
Alternate Hinges Required:	☐	☐
Back Pan Required:	☐	☐
Factory to locate X and K *	☐	☐

* If No is checked, the X and K dimensions must be supplied in Schedule above.



Drilling and Tapping Guidelines

Conduit Size (NPT)	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	4
1/2	54.1 (2.13)	54.1 (2.13)	57.2 (2.25)	66.8 (2.63)	71.4 (2.81)	79.5 (3.13)	92.2 (3.63)	101.6 (4.00)	114.3 (4.50)	114.3 (4.50)
3/4	54.1 (2.13)	54.1 (2.13)	57.2 (2.25)	66.8 (2.63)	71.4 (2.81)	79.5 (3.13)	92.2 (3.63)	101.6 (4.00)	114.3 (4.50)	114.3 (4.50)
1	57.2 (2.25)	57.2 (2.25)	60.5 (2.38)	71.4 (2.81)	76.2 (3.00)	82.8 (3.25)	95.3 (3.75)	104.9 (4.13)	114.3 (4.50)	117.6 (4.63)
1-1/4	66.8 (2.63)	66.8 (2.63)	71.4 (2.81)	79.5 (3.13)	84.1 (3.31)	92.2 (3.63)	104.9 (4.13)	114.3 (4.50)	120.7 (4.75)	127.0 (5.00)
1-1/2	71.4 (2.81)	71.4 (2.81)	76.2 (3.00)	84.1 (3.31)	88.9 (3.50)	96.8 (3.81)	109.5 (4.31)	117.6 (4.63)	125.5 (4.94)	133.4 (5.25)
2	79.5 (3.13)	79.5 (3.13)	82.8 (3.25)	92.2 (3.63)	96.8 (3.81)	104.9 (4.13)	117.6 (4.63)	127.0 (5.00)	148.1 (5.83)	146.1 (5.75)
2-1/2	92.2 (3.63)	92.2 (3.63)	95.3 (3.75)	104.9 (4.13)	109.5 (4.31)	117.6 (4.63)	130.3 (5.13)	84.1 (3.31)	146.1 (5.75)	155.7 (6.13)
3	101.6 (4.00)	101.6 (4.00)	104.9 (4.13)	114.3 (4.50)	117.6 (4.63)	127.0 (5.00)	84.1 (3.31)	146.1 (5.75)	152.4 (6.00)	158.8 (6.25)
3-1/2	114.3 (4.50)	114.3 (4.50)	114.3 (4.50)	120.7 (4.75)	125.5 (4.94)	136.7 (5.38)	146.1 (5.75)	152.4 (6.00)	158.8 (6.25)	165.1 (6.50)
4	114.3 (4.50)	114.3 (4.50)	117.6 (4.63)	127.0 (5.00)	133.4 (5.25)	146.1 (5.75)	155.7 (6.13)	158.8 (6.25)	165.1 (6.50)	171.5 (6.75)

Visit our website at www.emerson.com or contact us at (800) 621-1506.

© December 2018