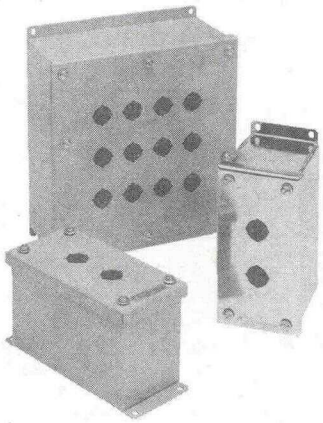
C-2000™ Push Buttons

600 Volts Max. AC/300 Volts Max. DC
10 Amps. Continuous AC/2.5 Amps. Continuous DC

Sheet Steel & Stainless Steel Enclosures

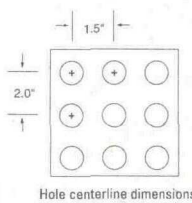


Holes	Sheet Steel		Stainless Steel		Dimensions (inches/mm)						
	Catalog No.	List Price, GO-10GC	Catalog No.	List Price, GO-10GC	A	B	C	D	E	F	Hub (inches)
1	080HEG11	$ 42.00	080HES11	$102.00	5.50/139.7	3.50/88.9	4.25/108.0	5.00/127.0	2.38/60.4	.31/7.9	¾
2	080HEG12	45.00	080HES12	120.00	7.75/196.8	3.50/88.9	4.25/108.0	7.25/184.2	2.38/60.4	.31/7.9	¾
3	080HEG13	48.00	080HES13	132.00	10.00/254.0	3.50/88.9	4.25/108.0	9.50/241.3	2.38/60.4	.31/7.9	¾
4	080HEG14	54.00	080HES14	156.00	13.38/339.8	3.50/88.9	4.25/108.0	12.88/327.2	2.38/60.4	.31/7.9	1
6	080HEG32	72.00	080HES32	198.00	8.25/209.6	6.50/165.1	4.25/108.0	7.75/196.8	5.88/149.4	.31/7.9	1
9	080HEG33	84.00	080HES33	312.00	10.50/266.7	9.25/235.0	4.25/108.0	10.00/254.0	5.88/149.4	.31/7.9	1¼
12	080HEG43	108.00	080HES43	336.00	10.50/266.7	9.25/235.0	4.25/108.0	10.00/254.0	8.19/208.0	.31/7.9	1½
16	080HEG44	138.00	080HES44	432.00	12.75/323.8	11.50/292.1	4.25/108.0	12.25/311.2	8.19/208.0	.31/7.9	1½
24	080HEG64	216.00	080HES64	660.00	12.75/323.8	11.50/292.1	4.25/108.0	12.25/311.2	10..38/263.6	.31/7.9	1½
30	080HEG65	240.00	080HES65	780.00	15.00/381.00	11.50/292.1	4.25/108.0	14.50/368.3	10.38/263.6	.38/9.6	1½

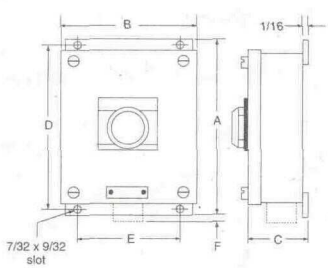
Special Assembled Unwired Stations

Holes	Sheet Steel		Stainless Steel	
	Catalog No.	List Price, GO-10GC	Catalog No.	List Price, GO-10GC
1	080HEG11B	$ 60.00	080HES11B	$120.00
2	080HEG12B	69.00	080HES12B	144.00
3	080HEG13B	78.00	080HES13B	162.00
4	080HEG14B	90.00	080HES14B	192.00
6	080HEG32B	120.00	080HES32B	246.00
9	080HEG33B	150.00	080HES33B	378.00
12	080HEG43B	192.00	080HES43B	420.00
16	080HEG44B	246.00	080HES44B	540.00
24	080HEG64B	378.00	080HES64B	822.00
30	080HEG65B	432.00	080HES65B	972.00

When ordering assembled, unwired stations, specify units and nameplates by hole position as shown below. Prices do not include operators, terminals, nameplates, etc.

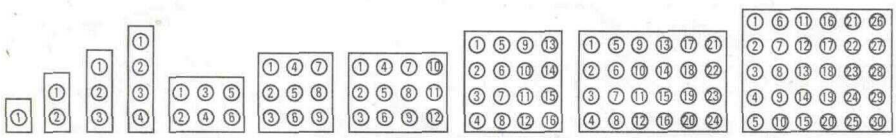


Hole centerline dimensions



Sheet- and stainless-steel enclosures

Hole Arrangements



C-2000™ Push Buttons

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10 Amps. Continuous AC/2.5 Amps. Continuous DC

Technical Data

General Specifications

Conformity to standards	**UL508** (USA) **NEMA ICS-2** (USA) **VDE 0660** (Germany) **BSI** (Great Britain) **CEI EN60947.5.1** (Italy) **CENELEC EN 5000 7** (Europe) **CSA C22.2 No. 14-M91** (Canada) **IEC 947.5.1** (International) **UTE** (France) **NFC 63140** (France) **JIS** (Japan)
Approvals	**UL listed**—File Number E66677 **CSA Certified**—File Number 16661-63 Manufacturing facility is registered to **ISO 9000** CE
Finger protection at terminals	**IP2X** according to IEC 529 *Terminal identification per* ***CENELEC EN 50013***
Enclosure ratings	Suitable for use in **NEMA Types 1, 3, 3R, 3S, 4, 4X, 12, and 13** enclosures. (Multi-function push buttons are suitable for NEMA Type 1 enclosures only unless used with protective rubber cap accessory.) **IP66** per IEC 529, when mounted in enclosures with equal or superior seal.
Ambient temperature	**Operating**: −13° to +158°F (−25° to +70°C) **Storage**: −40° to 158°F (−40° to +70°C)
Climate suitability/humidity	**Climate Type** / **Temperature** / **Relative Humidity** Temperature: 74°F (23°C) / 50% Wet: 74°F (23°C) / 83% Hot Wet: 104°F (40°C) / 92% Variable Wet: 74° to 104°F (23° to 40°C) / 83% to 92%
Resistance to vibration	Per **IEC 68-2-6.** 16g with a frequency from 40-500 Hz and maximum peak-to-peak amplitude of 0.75mm.
Resistance to shock	According to **MIL 202B, method 202A.** Test was performed for 1/2 sinusoid for 11ms, 38g max for all operators with transformers and 100g for all other operators.
Operating force	Standard push button operator: 2.5 lbs. (11N) Each contact block: 1.3 lbs. (6 N) Selector switch operator: 2.4 in./lb. (0.27 N-m)

Wire Terminals

Wire capacity and terminal torque requirements (for all power supplies and contact blocks)	Suitable for #22-#12 AWG stranded or solid copper wires, single or parallel conductors of same size. Terminal torque: 7-12 in./lb. Parallel conductor size combinations (stranded or solid wire): **Parallel Conductor Size Combinations (Stranded or Solid Wire)** / **Terminal Torque** #12 with #14 / 12 in./lb. #14 with #16 / 12 in./lb. #16 with #18 / 12 in./lb. #16 with #20 / 12 in./lb. #16 with #22 / 12 in./lb. #18 with #22 / 10-12 in./lb. #18 with #20 / 10-12 in./lb. #20 with #22 / 7-12 in./lb.
Quick connect terminals	Suitable for one female tab connector measuring 0.25 x 0.03 inches (6.35 x 0.8 mm) or two female tab connectors measuring 0.11 x 0.03 inches (2.8 x 0.8 mm).

Contact Data

Electrical reliability data	Electrical life and reliability in low level current: 80 million operations at 12V, 5mA, resistive load. (32 contacts tested successfully for 2.5 million operations.)
Dust resistance	In extremely dusty environments, electrical life at low level current is 250,000 operations at 12 V, 5mA, resistive load. In a clean environment, electrical life at low level current is 10 million operations at 12 V, 5mA, resistive load.
Thermal current	Ith = 10A per IEC 947-5-1
Insulation voltage	Ui = 660 Volts ac/dc (opposite polarity) except 2NO and 2NC blocks 300 Vac/dc
Protection from electrical shock	Class I per IEC 536 for metal operators Class II (double insulation) per IEC 536 for plastic operators
Insulation category	Group "C" per VDE 0110
Dielectric strength	2500 Volts
Short circuit protection	10A type gG fuse, per IEC 269.1 & 269.3
Pilot duty ratings	**A600** (maximum make volt-amperes = 7200; maximum break volt-amperes = 720; PF = .25)

Volts (V)	12	24	48	60	120	240	480	600
Continuous (A)	10	10	10	10	10	10	10	10
Making (A)	100	100	100	100	60	30	15	12
Breaking (A)	10	10	10	10	6	3	1.5	1.2

Q300 (maximum make or break volt-amperes = 69)

Volts (V)	12	24	48	60	125	250	300
Continuous (A)	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Making (A)	2.5	2.5	1.4	1.1	0.55	0.27	0.23
Breaking (A)	2.5	2.5	1.4	1.1	0.55	0.27	0.23