

PUSHBUTTON UNITS & INDICATOR LIGHTS

CLASS 51 - HAZARDOUS LOCATION - NEMA TYPE 7 & 9 DEVICES

Features:

- UL Listed and cUL Listed For Class I, Groups C & D and Class II, Groups E, F & G.
- Short or Long Bushing Lengths.
- Mount Into 3/4-14 NPSM Threaded Hole.
- Sealing Lock Nut.
- Similar In Appearance To Class 52 Oil Tight Pilot Devices.
- Double Break Bifurcated Contacts Rated AC NEMA A600, DC NEMA Q600
- Angle Terminals and Self Rising Saddle Clamps.
- UL Listed File # E39935.

Application:

When Properly Installed In A Type 7 & 9 Enclosure, These Components Meet The National Electrical Code's Requirements For Class I, Division 1 & 2, Groups C and D Hazardous Gases, Class II, Division 1, Groups E, F and G Hazardous Dust, and Class III, Hazardous Fibers and Flyings. Class 51 Pilot Devices May Be Used In A Location Where The Presence Of Flammable Gases, Vapors Or Finely Pulverized Dusts In The Atmosphere Are Sufficient To Create A Threat Of Explosion Or Fire. They May Also Be Required Where Easily Ignitable Fibers Or Flyings Are Present. Short Bushing Units Are Used In Most Standard Type 7 & 9 Enclosures. Long Bushings Are Used When An Additional Front Panel Is Required Or In Enclosures Up To 2-1/8 Inches Thick. Class 51 Devices Also Meet Type 4 Applications.

Rugged:

Hazardous Location Control Units Are Durable One Piece Castings Of A Corrosion Resistant Copper Free Aluminum Alloy With Stainless Steel Springs and Type 316 Stainless Steel Shafts To Provide A Long Dependable Life. The "O" Ring Ensures The Longest Seal Life Available. Contact Blocks Have Double Break Bifurcated Contacts For Increased Reliability.

Flexible:

Control Units Mount Into Industry Standard 3/4-14 NPSM Threaded Holes. Both Short Bushings For Enclosure and Long Bushings For Panel Mounting Are Available. Pilot Light Bulbs Are Removable From The Front For Ease Of Maintenance. Many Common Parts Between The Class 51 Hazardous Location Pilot Devices and The Class 52 Oil Tight Pilot Devices Allow For Increased Serviceability With Fewer Parts.

Industrial Appearance:

Hazardous Location Control Units Add Luster To Panels. They Are Uniform In Appearance and Match 52 Class Oil Tight Pilot Devices.

Electrical Ratings:

NEMA AC Ratings 50/60 Hz
NEMA A600 10 Continuous Amps

Volts	Make	Break
120	60	6
240	30	3
480	15	1.5
600	12	1.2
VA	7200	720

Typical Applications:

Class I:

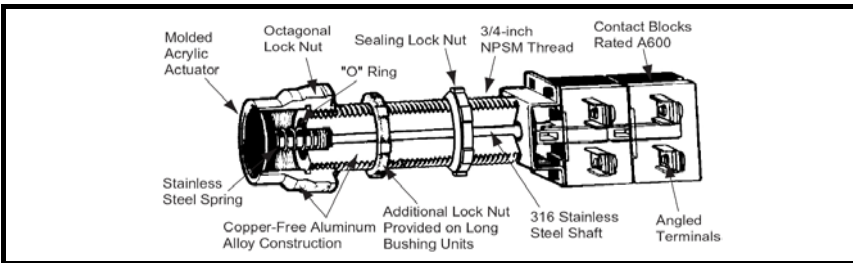
- Petroleum Refineries and Gasoline Storage and Dispensing Areas.
- Industrial Firms That Use Flammable Liquids In Dip Tanks For Parts Cleaning Or Other Operations.
- Petrochemical Companies That Manufacture Chemicals From Gas and Oil.
- Dry Cleaning Plants Where Vapors From Cleaning Fluids May Be Present.
- Companies That Have Spraying Areas Where They Coat Products With Paint Or Plastics.
- Aircraft Hangers and Fuel Servicing Areas.
- Utility Gas Plants and Operations Involving Storage and Handling Of Liquefied Petroleum Gas Or Natural Gas.

Class II:

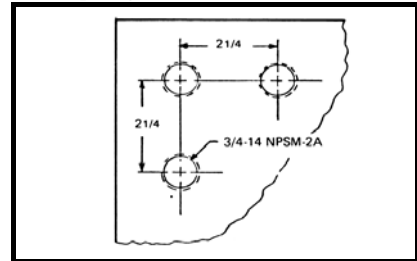
- Grain Elevators, Flour and Feed Mills.
- Plants That Manufacture, Use Or Store Magnesium Or Aluminum Powders.
- Plants That Have Chemical Or Metallurgical Processes, Producers of Plastics, Medicines and Fireworks, Etc.
- Spice Grinding Plants, Sugar Plants and Cocoa Plants.
- Coal Preparation Plants and Other Carbon Handling Or Processing Areas.

Class III:

- Textile Mills, Cotton Gins, Cotton Seed Mills and Flax Processing Plants.
- Any Plant That Shapes, Pulverizes, Or Cuts Wood and Creates Sawdust Or Flyings.



Panel Spacing



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Actuator Identification	Degree Of Protection	Contacts / Voltage	Number Of Command Points	Model Number	List Price
A = Momentary Pushbutton, Flush, Black, Label "START"	NEMA 7/9	1 NO - 1 NC	1	51C101H	\$484.60
A = Momentary Pushbutton, Raised, Red, Label "STOP"	NEMA 7/9	1 NO - 1 NC	1	51C103H	\$484.60
A = Momentary 1-5/8" Mushroom Head, Red, Label "STOP"	NEMA 7/9	1 NO - 1 NC	1	51C104H	\$527.14
A = Momentary Dual Pushbutton, Red, Label "START, STOP"	NEMA 7/9	1 NO - 1 NC	1	51C105H	\$669.58
A = 2 Position Selector Switch, Label "OFF-ON"	NEMA 7/9	1 NO - 1 NC	1	51C159H	\$577.12
A = 3 Position Selector Switch, Label "HAND-OFF-AUTO"	NEMA 7/9	1 NO - 1 NC	1	51C156H	\$577.12
A = Indicator Light, Green	NEMA 7/9		1	51C131H	\$519.74
A = Indicator Light, Red	NEMA 7/9		1	51C135H	\$519.74
B = Momentary Pushbutton, Black, Label "START"	NEMA 7/9	1 NO - 1 NC	2	51C201H	\$741.70
A = Momentary Pushbutton, Raised, Red, Label "STOP"		1 NO - 1 NC			
B = Momentary Pushbutton, Black, Label "START"	NEMA 7/9	1 NO - 1 NC	2	51C204H	\$741.70
A = Momentary Pushbutton, Red, Label "STOP"		1 NO - 1 NC			
B = Momentary Pushbutton, Black, Label "START"	NEMA 7/9	1 NO - 1 NC	2	51C202H	\$784.28
A = Momentary 1-5/8" Mushroom Head, Red, Label "STOP"		1 NO - 1 NC			
B = Indicator Light, Red	NEMA 7/9	1 NO - 1 NC	2	51C230H	\$812.02
A = Indicator Light, Green		1 NO - 1 NC			
C = Momentary Pushbutton, Flush, Black, Label "FORWARD"	NEMA 7/9	1 NO - 1 NC	3	51C301H	\$1,222.61
B = Momentary Pushbutton, Flush, Black, Label "REVERSE"		1 NO - 1 NC			
A = Momentary Pushbutton, Raised, Red, Label "STOP"		1 NO - 1 NC			
C = Momentary Pushbutton, Flush, Black, Label "OPEN"	NEMA 7/9	1 NO - 1 NC	3	51C303H	\$1,222.61
B = Momentary Pushbutton, Flush, Black, Label "BLACK"		1 NO - 1 NC			
A = Momentary Pushbutton, Raised, Red, Label "CLOSE"		1 NO - 1 NC			
C = Indicator Light, Green	NEMA 7/9		3	51C307H	\$1,172.68
B = Momentary Pushbutton, Flush, Black, Label "START"		1 NO - 1 NC			
A = Momentary Pushbutton, Raised, Red, Label "STOP"		1 NO - 1 NC			