

Westinghouse

“Start-Stop” and “3 Position” Push Button Class 15-016 Moulded Type

DATA

FOR CONDULET OR CABINET KNOCKOUT MOUNTING

Installation

These push button stations are primarily intended for use in the control circuit of Class 11-200 LINESTARTERS, and similar magnetic starters. They are arranged to be mounted in any $\frac{3}{4}$ inch conduit or cabinet knockout.

Rating

The rating of Class 15-016 push buttons is 1.25 amperes, alternating current; .75 amperes, direct current; 600 volts, maximum.

Description

The “Start-Stop” push button (S# 654302) functions as a standard 3 wire push button, giving low voltage protection. It is arranged to momen-

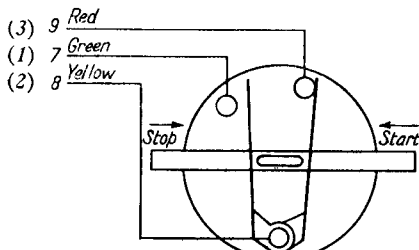


FIG. 1—STOP START PUSH BUTTON

Scheme No. 1, Fig. 1—“Start-Stop” Push Button—Connections for all Class 11-200 starters. Connect wires of given colors to points with corresponding markings on starter.

arily “make” one branch of a circuit when the operating rod is pushed in the “Start” direction, or to open a normally closed branch if pushed in the “stop” direction; the push rod being spring returned.

The Three Position Push Button (S# 654301) is primarily intended for use in conjunction with a circuit containing an automatic switching device, such as a float switch, pressure control switch, or temperature control switch,

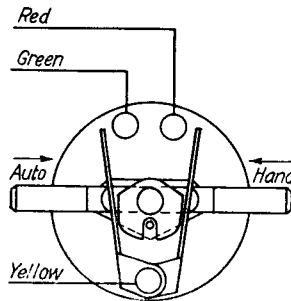


FIG. 2—THREE POSITION PUSH BUTTON

where hand operation is sometimes desired. The push rod operates a cam which holds the contacts in either of three fixed positions. In the central, or “off” position, both contacts are

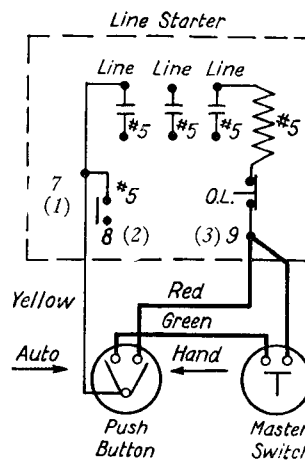


FIG. 3—WIRING DIAGRAM SCHEME #2

Scheme No. 2, Figs. 2 and 3—Three Position Push Button with Automatic Master Switch, arranged to give hand or automatic operation. Connect wires of given colors to points with corresponding markings on any Class 11-200 LINESTARTER and to Automatic Master Switch as shown.

open. Either of two branches of the circuit may be closed by pushing the rod respectively right or left to positions marked “Hand” and “Auto” (meaning automatic).

Application

For use as a Pendant Switch, extra fittings (S# 654625) for making attachment to BX cable may be supplied.

For holding the Leads when the button is mounted in the cabinet cover, a retaining clip is provided and a small hole is located in the lower left hand corner of the Class 11-200-H Starter Cabinet for attaching it.

The leads are colored red, yellow and green, to facilitate connecting into the starter control circuit.

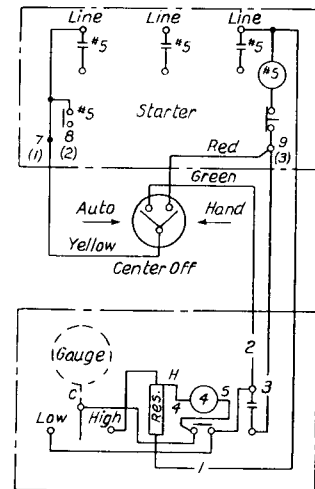


FIG. 4—WIRING DIAGRAM SCHEME #3

Scheme No. 3, Fig. 4—Three Position Push Button with Class 15-065, Pressure Gauge Switch, arranged to give hand or automatic operation with any Class 11-200 LINESTARTER.

- (1) Connect Red lead to 9 (3) on starter and 3 on pressure gauge panel.
- (2) Connect Yellow lead to 7 (1) on starter.
- (3) Connect Green lead to 2 on pressure gauge panel.
- (4) Connect 1 on pressure gauge panel to same line terminal to which the LINESTARTER contactor coil is connected.
- (5) Do Not connect 7 (1) on starter to 1 on pressure gauge panel.
- (6) 1 and 2 on pressure gauge panel should not be connected to 1 and 2 on LINESTARTER panel.

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