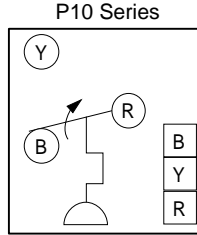


P10 Series

# Low Pressure Control (Single or 2-Stage)



Action on Increase of Pressure

**P10BC-7 (With Bracket No. BKT16A-600R)**

### Description

These pressure controls open or close electrical circuits from a change in operating air pressure. R to Y terminals make (cut-in) on pressure rise.

### Features

- visible calibrated adjustable range scale
- snap-acting switch in a dust protected enclosure
- easily accessible wiring terminals

### Accessories

- A universal mounting bracket No. BKT16A-600R as well as a barbed fitting is supplied as standard.
- Model P10FC-4 has a jumper installed on the common terminals.

### Applications

- pneumatic systems
- control of pumps or small air compressors

### Selection Chart

Code Number	No. of Stages	Contact Action	Range psig (kPa)	Factory Setting				Pressure Connector
				psig (kPa)		Switch Diff psi (kPa)		
<b>P10BC-7C</b>	1	SPDT	3 to 20 (21 to 138)	12 (R to Y Cut-in)		2		Barbed Fitting
<b>P10BG-3C</b>	1	SPDT	2 to 20 (15 to 138)	12 (R to Y Cut-in)		0.2		1/8 in. Female NPSF
<b>P10BJ-1C</b>	1	SPDT	3 to 20 (21 to 138)	12 (R to Y Cut-in)		2		1/8 in. Female NPSF
<b>P10FC-4C</b>	2	SPDT	3 to 20 (21 to 138)	(R-Y Cutout) Low Stage	(R-Y Cut-in) High Stage	Low Stage	High Stage	1/8 in. Barbed Fitting
				8 (55)	12 (82)	2 (14)	2 (14)	
<b>P10PA-11C</b>	3	SPST	3 to 20 (21 to 138)	Stage 1 Open High	Stages 2 & 3 Open High	Stage 1	Stages 2 & 3	1/8 in. Barbed Fitting
				6 (41)	18 (120)	3 (21)	0.4 (3)	

### Specifications

- model P10BJ-1 is rated for 24 amp non-inductive when used as an SPST (R-Y). (See *Electrical Ratings*.)
- maximum allowable pressure is 150 psig (1034 kPa).
- maximum ambient temperature is 140°F (60°C)

### To Order

Specify the code number from the following selection chart.

### Electrical Ratings

Motor Ratings VAC		120	208	240	277	600
<b>P10BC-7</b>						
AC Full Load Amp		16.0	9.2	8.0	7.0	—
AC Locked Rotor Amp		96.0	55.2	48.0	42.0	—
Non-Inductive Amp		16.0	9.2	8.0	7.2	—
Pilot Duty – 125 VA at 24 to 277 VAC						
<b>P10BG-3</b>						
AC Full Load Amp		6.0	3.4	3.0	—	—
AC Locked Rotor Amp		36.0	20.4	18.0	—	—
Non-Inductive Amp		6.0	3.4	3.0	2.6	—
Pilot Duty – 125 VA at 24 to 277 VAC						
<b>P10BJ-1</b>						
AC Full Load Amp		16.0	9.2	8.0	7	—
AC Locked Rotor Amp		96.0	55.2	48.0	42	—
Non-Ind. Amp	Double Throw	16.0	16.0	16.0	16.0	16.0
	Single Throw	24.0	24.0	24.0	24.0	24.0
Pilot Duty – 125 VA at 24 to 600 VAC						
<b>P10FC-4</b>						
AC Full Load Amp		16.0	9.2	8.0	7.0	—
AC Locked Rotor Amp		96.0	55.2	48.0	42.0	—
Non-Inductive Amp		16.0	9.2	8.0	7.2	—
Pilot Duty – 125 VA at 24 to 277 VAC On 2- and 3-stage models, the maximum connected load shall not exceed 2000 VA						
<b>P10PA-11</b>						
AC Full Load Amp		6.0	3.4	3.0	—	—
AC Locked Rotor Amp		36.0	20.4	18.0	—	—
Non-Inductive Amp		6.0	3.4	3.0	—	—
Pilot Duty – 125 VA at 24 to 277 VAC On 2- and 3-stage models, maximum connected load shall not exceed 2000 VA						