

Three Phase Phase Selector Relay

Product Code: PSR-3P-PR-07PC



Parameter Settings:

Parameter	Default	Range	Hysteresis
Under Voltage(UV)	120v	90-190V	10v
Over Voltage(OV)	240v	240-300v	10v
SPn	30	10-65	
Relay ON/RESET Delay(dLy)	10Sec	1 Sec to 60 Sec	-
Voltage trip delay(utr)	5 Sec	1 to 60 Sec	-

Salient Features:

- 1] Microcontroller based technology.
- 2] Protection against under voltage, over voltage,
- 3] All the set points settable by keys.
- 4] Trip Delay for under voltage, over voltage is settable
- 6] Indications for R,Y,B select phase Led.
- 8] No separate auxiliary supply required.

Technical Specifications:

Supply voltage: 3 Phase 415 VAC, 50 Hz

(R, Y, B & N) (No auxiliary supply)

2] Output Contacts: 1SPDT (nc-C-NO) Relay, Rating 5A at 250V AC

Indications: ON(R,Y,B): RED LED

Relative Humidity: 10 to 95% RH

Mounting: Drain Rail

Keys:

- 1) **SET:** SET key, Press to enter into SET Mode
- 2) **INC:** Upward Arrow key, Press to increment the set point.
- 3) **DEC:** Downward Arrow key, To Decrement the set point.

Working:

- 1] If the Input supply is within the range of the fault limits then On Timer starts decrementing on display & after Set On Time over Relay will be ON
- 2] If OV, UV occurs in the supply then Relay will be OFF after the trip delay of that particular fault.
- 3] IF R, Y, B all phase are present than relay on condition. Controller select any one of the phase to the R, Y, B. In case of R phase are absent. Controller select Y phase. Same as another two phase work as same.
- 4] If any two phases are absent controller select 3rd phase. Same as all combinations.

Terminal:

SUPPLY 415 VAC					
R	Y	B	N	-	-

R	Y	B	NC	C	NO
OUTPUT			POWER FAIL		

PROTON POWER CONTROL PVT.LTD.

S.NO.28 JAGTAP DAIRY, PIMPLE NILAKH
PUNE-411027.

TEL: 020-27270800, 27276777.

TEL/FAX: 020-27270100.

MOBILE: 9764885010/9422009655.

E-MAIL: rdpawar@protonpowercontrol.com