



SHRIJI ELECTRONICS

DIGITAL TEMPERATURE CONTROLLER / ONE & TWO SET POINT / THUMBWHEEL TYPE

COMMON SPECIFICATIONS

Display	: 3 1/2 Digit 7 Segment Red colour LED 0.5" ht
Cold Junction Compensation	: Automatic For T/C
Sensor Input	: J, K, T/C, PT-100 RTD, mV, V & 4-20 mA I/P
Accuracy	: J,K 1%, PT-100 RTD 0.2% , mV,V, mA 0.1%
Sensor open Indication	: By '1' at MSD
Set Point	: Thumbwheel Switch for each set point.
Hyst Pot	: 1 to 10 °C for each set point for ON - OFF Model
Tune Pot	: ± 5 °C for each set point for Time Proportional Model
Control Action	: ON / OFF or Time Proportional
Control Output	: 6 Amp or 20 Amp. 1 c/o Relay, 230 V.A.C., : 12 V. DC. pulse o/p for S.S.R., for each set point
Operating Temperature	: 0 - 50 °C (RH < 80%)
Supply	: 230 V.A.C. ± 10% 50 Hz

Dimensions (H x W x D)	96 x 96 x 120 mm	72 x 72 x 110 mm
Panel Cutout (H x W)	92 x 92 mm	68 x 68 mm

ORDERING CODE ONE SET POINT CONTROLLER :

DTC - XXX - I - R - CA - O (OTHER OPTIONS)

XXX	(SIZE)	I (INPUT)	R (RANGE)	CA (Control Action)	O (OUTPUT)
221	- 72 x 72 mm	J : Fe / Con	T/C 0 : 199.9 °C	1 : ON-OFF(Heat Logic)	06 : 6 Amp RLY
201	- 96 x 96 mm	K : Cr / Al	T/C 2 : 200 °C	2 : ON-OFF(Cool Logic)	20 : 20 Amp RLY
221 P	- 72 x 72 mm	P1 : Pt - 100 (0.1°C) RTD	4 : 400 °C	3 : Time Proportional	SR: 12 V.DC. for SSR
201 P	- 96 x 96 mm	P2 : Pt - 100 (1°C) RTD	6 : 600 °C		2 C : 2 c/o RLY
P: Time proportional			10 : 999 °C		
			12 : 1200 °C		

ORDERING CODE TWO SET POINTS CONTROLLER :

DTC - XXX - I - R - CA - O (OTHER OPTIONS)

XXX	(SIZE)	I (INPUT)	R (RANGE)	CA (Control Action)	O (OUTPUT)
				SET - 1	SET - 2
204	- 96x96 mm	J : Fe / Con	T/C 0 : 199.9 °C	1 : ON/OFF	ON/OFF (Heat Logic) 0606 : 6 Amp RLY
204P	- 96x96 mm	K : Cr / Al	T/C 2 : 200 °C	2 : ON/OFF	ON/OFF (Cool Logic) BOTH
P1: Pt - 100 (0.1°C) RTD			4 : 400 °C	3 : ON/OFF	OFF/ON (Heat /Cool) 2006 : 20 Amp RLY-1
P2: Pt - 100 (1°C) RTD			6 : 600 °C	4 : OFF/ON	OFF/ON (Trip/Alarm) 6 Amp RLY-2
P : Time Proportional			10 : 999 °C	5 : Time Pro.	ON/OFF (Heat Logic) SR06 : 12 V.DC. SSR
			12 : 1200 °C	6 : Time Pro.	OFF/ON (Heat/Cool) 6 Amp RLY-2
				7 : ON/OFF	Time Pro. (Heat Logic) SRSR: 12V.DC. SSR
				8 : Time Pro.	Time Pro. (Heat Logic) BOTH

OPTION : • 110 V.A.C. Mains/24V.DC.supply
• *F Unit on Demand

• User selectable range possible
• 2 c/o Relay O/P one for 20 Amp, Two for 6 Amp. (Only 96 x 96 mm)



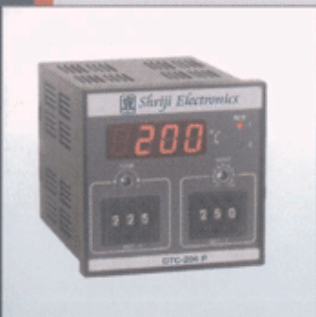
DTC-201 / 221



DTC - 201P / 221 P



DTC - 204



DTC - 204 P



Manufacturers:

SHRIJI ELECTRONICS

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