Operating and Instruction Manual:	Key Press Display Description	Key Press Display Description	
	To select the input sensor type	●. Press	Default Reset Values:
DTC-4303 /4203/4403/4503/4603	(Display I - P for 2 seconds)	If Cntr = "Pr"	l nP J
Version 2.0		(Display FHF for 2 seconds)	
Specifications:	Sensor Type (0~600° C)		
1. Input: J/K/Pt-100 selectable	Press Set +△ F (0~ 1250°C)	Cycle Time <u>21</u> (1~99 sec.)	
2. Control Action: On-Off / Time Proportional	Press Set+ (-50.0~400.0°C)	This parameter determines the total cycle time	
3. Output: Relay 5A/230VAC Resistive		for the Proportional Action Change value	РЬ 20
4. Op. Temperature: 0~50 Deg.		by pressing Set+ \triangle or Set + \bigtriangledown .	
5. Supply; 230V AC +/- 15% 6. Resolution; 1. Deg /0.1 deg for Pt-100	•. Press \bigtriangledown To set Offset for Process value	● Press ▽ To set Relay Logic	
7. Ranae: Pt-100 -> -50.0~400.0 Dea.	(Display Pup5 for 2 seconds)		
J -type -> 0~600 Deg.			rnb 0600
K-Type -> 0~1250 Deg.		Relay logic HEHE Forward	rSE O
8. Hysterisis: 0~99 Deg./0~99.9 deg.	This parameter is added to the Process value	Press Set +7	
9. Proportional Band: 0~99 Deg.	to compensate for any offset error due to the		
10. Cycle lime: 1~99 seconds.	sensor. If can be changed by prosting Set $\pm \Delta$ or Set $\pm \nabla$		Note that the Set Point remains unaffected
12. Control Direction : Heat / Cool		Press Set +♡ <i>PI− L D</i> Alarm-Low	even on Instrument reset.
(For On/Off only)	●. Press ▽ to select Control Mode		Table -1
13. Cutout: 92mm (W) x 92mm (H) for DTC-4303	(Display Entr for 2 seconds)	● Press ∨ IO determine the maximum	
68mm(W) x 68mm (H) for DTC-4203			This table shows the maximum set point limit
44mm (W) x 44mm (H) for DIC-4503			ranges for different inputs:
44mm(W) x 92mm (H) for DIC-4403			1. J-type : 0~600 °C
	rioponionai	Set point Limit U95U °C	3 Pt-10050 0~400 0 °C
		Press Set $+ \bigtriangledown$ to change the Set point limi.	
14. Overall: 96mm(W) x 96mm(H) x 90mm (D)		keter lable-1 for limits for various input types.	
for DTC-4303	Press V Io set Hysterisis value if Cntr = "ON"	● Press ▽ to select Lock mode	Programming Set Point:
/2mm(W) x 72mm(H) x 115mm(D) for DTC 4203	(Display HSS for 2 seconds)		To view set point, press any one key .
48mmWi x 48mm(H) x 100mm (D)			I to increase set Point: Press 'Set $+ \Delta$ '
for DIC-4503		LOCK Mode D Enable	
96mm(W) x 48mm(H) x 70mm(D)	Process value at which the Relay must turn ON	Press Set +7 1 Disable	Programming Manual Reset:
for DTC-4403	In On/off mode and can be chanaed by	This parameter determines whether the manual	To view Manual Reset, Press and hold $ riangle$ and $ riangle$
48mm(W) x 96mm(H) x 70mm(D)	pressing Set+ \triangle or Set + \bigtriangledown .	reset parameter should be accesible from the	for 3~4 seconds.
101 DIC-4003	Press To set Proportional Rand in °C	I front panel to the user. If Lck = en, then the user	
	if Cntr = "Pr"	is pronibited from entering the manual reset	
Configuration Cotting:		Press ∇ to return to parameter -1 (input).	Manual Reset DD (1~99° C)
Turp Off the left ment New Short the terminals	(Display Pb for 2 seconds)		This parameter compensates for the offset
marked configuration and turn ON the unit	Proportional D (1~99° C)		created by the controller when controlling the
Now change the configuration parameters as	Band	(Display 5 E for 2 seconds)	process value near the set point.
below.After setting, turn OFF the instrument,	This parameter determines the value of the	Reset Value	To increase Man. reset, Press 'Set + △ '
remove the shorting and turn ON the	Process value below the Set Value at which	Press Set $+ \land$ to scroll from 0 to 8. Set to '6'	To come out of the mode, press Set + V
Instrument to apply the new settings.	the Proportional Action will start .Change value	for resetting the instrument to default values as	
	by pressing set $+ \triangle$ or set $+ \lor$.	given below.	
Operating and Instruction Manual:	Key Press Display Description	Key Press Display Description	Defent Deceb Vehices
Operating and Instruction Manual: DTC-4303/4203/4403/4503/4603	Key Press Display Description • To select the input sensor type • •	Key Press Display Description •. Press	Default Reset Values:
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603	Key Press Display Description To select the input sensor type (Display I nP (Display I nP for 2 seconds)	Key Press Display Description •. Press ⊽ To set Cycle Time in seconds if Cntr = "Pr" •. Press ·. Press	Default Reset Values:
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0	Key Press Display Description • To select the input sensor type [Display I nP [Display I nP for 2 seconds) Sensor Type I (0~600° C)	Key Press Display Description ●. Press ▽ To set Cycle Time In seconds If Cntr = "Pr" In seconds (Display □ □ □ □ for 2 seconds)	Default Reset Values: ImP J Pu05
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications:	Key Press Display Description • To select the input sensor type (Display I ¬P for 2 seconds) Sensor Type J (0~600° C)	Key Press Display Description ●. Press ▽ To set Cycle Time In seconds If Cntr = "Pr" If Cntr = "Pr" (Display □ IJ □ for 2 seconds) Oxcle Time □ □ (1~99 sec.)	Default Reset Values:
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. input: J/K/Pt-100 selectable	Key Press Display Description ●. To select the input sensor type (Display I mP for 2 seconds) Sensor Type I mP for 2 seconds) Press Set +△ Fr (0~600° C)	Key Press Display Description ●. Press ♡ To set Cycle Time In seconds If Cntr = "Pr" If Cntr = "Pr" (Display	Default Reset Values: I nP J Pu05 CnE Hu5
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. Input: J/K/Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Perform For Salva (Action)	Key Press Display Description ●. To select the input sensor type (Display I mP for 2 seconds) Sensor Type J (0~600° C) Press Set +△ Fn (0~1250°C) Press Set +△ PL I (-50.0~400.0°C) Press Set +△ PL I	Key Press Display Description ●. Press ♡ To set Cycle Time In seconds If Cntr = "Pr" If Cntr = "Pr" (Display	Default Reset Values: I nP J Pu0S CnE HHS O
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. Input: J / K / Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: 0-50 Deg. 0-50 Teg.	Key Press Display Description ●. To select the input sensor type (Display I mP for 2 seconds) Sensor Type J (0~600° C) Press Set +△ Fn (0~1250°C) Press Set +△ FL (-500~400.0°C) Press Set +△ PL E (-50~400°C)	Key Press Display Description ●. Press ♡ To set Cycle Time in seconds if Cntr = "Pr" If Cntr = "Pr" (Display Cycle Time (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set + △ or Set + ▽ . .	Default Reset Values: I nP J Pu05 0000 CnE HHS 01 Pu05
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. Input: J / K / Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: 0-50 Deg. 5. Supply: 230V AC +/- 15%	Key Press Display Description • To select the Input sensor type • To select the Input sensor type (Display I $\neg P$ for 2 seconds) Sensor Type I $\circ P$ (Display I $\neg P$ (Display <th>Key Press Display Description ●. Press ♡ To set Cycle Time In seconds If Cntr = "Pr" If Cntr = "Pr" (Display □ IJ [] If Cntr = "Pr" (I ~ 99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set + △ or Set + ♡ .</th> <th>Default Reset Values: I ~ P J Pu05 0000 C ~ E 0 ~ H 45 0 I Pb 20 C 42 20</th>	Key Press Display Description ●. Press ♡ To set Cycle Time In seconds If Cntr = "Pr" If Cntr = "Pr" (Display □ IJ [] If Cntr = "Pr" (I ~ 99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set + △ or Set + ♡ .	Default Reset Values: I ~ P J Pu05 0000 C ~ E 0 ~ H 45 0 I Pb 20 C 42 20
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. Input: J / K / Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: 0~50 Deg. 5. Supply: 230V AC +/- 15% 6. Resolution: 1 Deg./0.1 deg for Pt-100	Key Press Display Description ●. To select the Input sensor type (Display I mP for 2 seconds) Sensor Type J (0~600° C) Press Set +△ Fn (0~1250°C) Press Set +△ PL (-50.0~400.0°C) Press Set +△ PL (-50.~400.°C) Press Set +△ PL (-50~400°C) Press Set +△ PL (-50.~400°C)	Key Press Display Description ●. Press ♡ To set Cycle Time In seconds If Cntr = "Pr" If Cntr = "Pr" (Display □ IJ □ If Cntr = "Pr" (I ~ 99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+△ or Set + ♡ . ● Press ♡ To set Relay Logic	Default Reset Values: I nP J Pu05 D000 CnE HYS Pb 20 CYC PLS HERE
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. Input: J / K / Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: O-50 Deg. 5. Supply: 230V AC +/- 15% 6. Resolution: 1 Deg./0.1 deg for Pt-100 7. Range: Pt-100 -> - 50.0~400.0 Deg.	Key Press Display Description ●. To select the Input sensor type (Display I ¬P for 2 seconds) Sensor Type J (0~600° C) Press Set +△ Fn (0~250°C) Press Set +△ PL (-50.0~400.0°C) Press Set +△ PL (-50.~400.°C) Press Set +△ PL (-50~400°C) Press Set +△ PL (-50~400°C) ●. Press ⊽ To set Offset for Process value (Display Puo 5 for 2 seconds)	Key Press Display Description ●. Press ♡ To set Cycle Time In seconds If Cntr = "Pr" If Cntr = "Pr" (Display □ IJ [] If Cntr = "Pr" (I ~ 99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+△ or Set +♡ . ● Press ♡ To set Relay Logic [Display □ L IJ for 2 seconds)	Default Reset Values: I nP J Pu05 0000 CnE 0n HYS 0 Pb 20 CYC 20 rLY HERE CD6000 05000
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. Input: J / K / Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: 0~50 Deg. 5. Supply: 230V AC +/- 15% 6. Resolution: 1 Deg/0.1 deg for Pt-100 7. Range: Pt-100 -> -50.00 Deg. J -type -> 0~4000 Deg. J -type -> 0~4000 Deg.	Key Press Display Description ●. To select the Input sensor type (Display I ¬P for 2 seconds) Sensor Type J (0~600° C) Press Set +△ F (0~1250°C) Press Set +△ PE 1 (-50.0~400.0°C) Press Set +△ PE 2 (-50~400°C) ●. Press ⊽ To set Offset for Process value (Display Pu ⊃ 5 Offset □ (-99.9~99.9° C)	Key Press Display Description ●. Press ♡ To set Cycle Time In seconds If Cntr = "Pr" (Display □ 」 (Display □ 」 □ 」 for 2 seconds) Cycle Time □ □ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+△ or Set + ♡ . ● ● Press ♡ To set Relay Logic [Display □ _ 」」 [Display □ _ 」」 for 2 seconds) Relay logic □ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	Default Reset Values: I nP J Pu05 0000 CnE 0n HYS 0 Pb 20 CYC 20 rLY HERE rn6 0600
$\label{eq:product} \hline \begin{array}{ c c c c c } \hline \hline \hline \hline Operating and Instruction Manual:} \\ \hline \hline DTC-4303 /4203/4403/4503/4603 \\ \hline \hline Version 2.0 \\ \hline \hline Specifications: \\ 1. Input: J/K/Pt-100 selectable \\ 2. Control Action: On-Off / Time Proportional \\ 3. Output: Relay 5A/230VAC Resistive \\ 4. Op. Temperature: O~50 Deg. \\ 5. Supply: 230VAC +/-15% \\ 6. Resolution: 1 Deg./0.1 deg for Pt-100 \\ 7. Range: Pt-100 -> -50.0~400.0 Deg. \\ J -type -> O~600 Deg. \\ K-Type -> O~20 Deg. \\ 0. ~99 Deg. / D-29 0 deg \\ \hline \hline \hline \end{array}$	Key Press Display Description ●. To select the input sensor type (Display I ¬P for 2 seconds) Sensor Type J (0~600° C) Press Set +△ F (0~1250°C) Press Set +△ PL (-50.0~400.0°C) Press Set +△ PL (-50.0~400.0°C) Press Set +△ PL (-50.0~400.0°C) Set Offset for Process value (Display P5 for 2 seconds) Offset 5 [-9.9~99.9° C) This parameter is added to the Process value Press value Press value	Key Press Display Description ●. Press ▽ To set Cycle Time In seconds If Cntr = "Pr" In seconds (Display □ IJ □ for 2 seconds) Cycle Time □ □ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+△ or Set + ▽ . ● Press ▽ To set Relay Logic (Display □ ⊥ IJ for 2 seconds) Forward Relay logic □ □ □ Press	Default Reset Values: I nP Pu05 0000 CnE 0n HYS 01 Pb 20 CYC CSE rhEAL rhEAL rhE 0
$\label{eq:construction} \underbrace{ \begin{array}{llllllllllllllllllllllllllllllllll$	Key Press Display Description ●. To select the Input sensor type [Display I ¬ P for 2 seconds) Sensor Type J (0~60° C) Press Set +△ F (0~1250°C) Press Set +△ P L (-50.0~400.0°C) Press Set +△ P L 2 (-50~400°C) Press Set +△ P L 2 (-50~400°C) Seconds) Offset J [Display P L 2 (-50~400°C) Seconds) Offset J (-99.9~99.9° C) This parameter is added to the Process value to compensate for any offset error due to the Process value Seconds) Seconds)	Key Press Display Description ●. Press ▽ To set Cycle Time In seconds If Cntr = "Pr" In seconds (Display □ IJ □ for 2 seconds) Cycle Time □ □ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+△ or Set +▽ . ● Press ▽ To set Relay Logic (Display □ ⊥ IJ for 2 seconds) Relay logic □ □ ⊥ IJ for 2 seconds) Relay logic □ □ □ ⊥ Press Set +▽	Default Reset Values: I nP J PuOS ODOO CnL HYS OI Pb CYC CYC rhS DES CYC COO rhS DES CYC COO rhS DES CYC COO rhS DES CHS DES
$\label{eq:construction} \begin{array}{ c c c c } \hline \hline Operating and Instruction Manual: \\ \hline DTC-4303 /4203/4403/4503/4603 \\ \hline Version 2.0 \\ \hline \\ $	Key Press Display Description • To select the Input sensor type (Display P for 2 seconds) Sensor Type I P $for 2$ seconds) Sensor Type I $(0\sim 600^{\circ} C)$ Press Set + Δ F_{L} $(0\sim 1250^{\circ}C)$ Press Set + Δ P_{L} (0~1250^{\circ}C) Press Set + Δ PL2 $(-50400.0^{\circ}C)$ Press Set + Δ P_{L} (Display P_{L} (Display P_{L} (Display P_{L} (-99.9~99.9° C) This parameter is added to the Process value to compensate for any offset error due to the sensor. It can be changed by	Key Press Display Description ●. Press ♡ To set Cycle Time In seconds If Cntr = "Pr" In seconds (Display □ IJ □ for 2 seconds) Cycle Time □ □ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+△ or Set + ♡ . ● Press ♡ To set Relay Logic (Display □ ⊥ IJ for 2 seconds) Relay logic □ □ ⊥ IJ for 2 seconds) Relay logic Press Set +♡ □ □ ⊥ L Proward Press Set +♡ □ □ ⊥ L Press Set +♡ □ □ ⊥ L Reverse Press Set +▽ □ □ ⊥ L	Default Reset Values: $I \neg P$ J $P \cup OS$ $O OO$ $C \neg E$ $O \neg$ $H \neg S$ $O I$ $H \neg S$ $O I$ $P \vdash$ $O O$ $C \neg E$ $O O$ $C \neg E$ $O O$ $r \perp J$ $H \in R E$ $r \neg S$ $O \in O O$ $L \subseteq F$ O $L \subseteq F$ O
$\label{eq:product} \hline \begin{array}{ c c c c c } \hline \hline \hline Operating and Instruction Manual:} \\ \hline \hline DTC-4303 /4203/4403/4503/4603 \\ \hline \hline Version 2.0 \\ \hline \hline Specifications: \\ 1. Input: J/K/Pt-100 selectable \\ 2. Control Action: On-Off / Time Proportional \\ 3. Output: Relay 5A/230VAC Resistive \\ 4. Op. Temperature: 0~50 Deg. \\ 5. Supply: 230VAC +/-15% \\ 6. Resolution: 1 Deg./0.1 deg for Pt-100 \\ 7. Range: Pt-100 -> -50.0~400.0 Deg. \\ J-type -> 0~-250 Deg. \\ 8. Hysterisis: 0~99 Deg. \\ 0. Cycle Time: 1~99 seconds. \\ 11. Manual Reset : 0~99 Deg. \\ \hline \hline \end{array}$	Key Press Display Description • To select the Input sensor type (Display P for 2 seconds) Sensor Type I P $(0\sim 600^\circ \text{ C})$ Press Set + Δ P $(0\sim 600^\circ \text{ C})$ Press Set + Δ P $(0\sim 600^\circ \text{ C})$ Press Set + Δ P $(0\sim 400.0^\circ \text{C})$ Press Set + Δ P $(-50.0\sim 400.0^\circ \text{C})$ Press To set Offset for Process value $(-50.0\sim 400.0^\circ \text{C})$ Offset I $(-50.0\sim 400.0^\circ \text{C})$ Offset I $(-50.0\sim 400.0^\circ \text{C})$ This parameter is added to the Process value I to compensate for any offset eror due to the	Key Press Display Description ●. Press ♡ To set Cycle Time In seconds If Cntr = "Pr" If Cntr = "Pr" (Display □ IJ □ for 2 seconds) Cycle Time □ □ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+△ or Set + ♡ . ● ● Press ♡ To set Relay Logic (Display □ ⊥ IJ for 2 seconds) Relay logic □ □ ⊥ IJ for 2 seconds) Relay logic Press Set +♡ □ □ ⊥ I Forward Press Set +♡ □ □ ⊥ Reverse Press Set +♡ □ □ ⊥ Reverse Press Set +♡ □ □ ⊥ Alarm-High Press Set +♡ □ □ ⊥ □ Alarm-Low Alarm-Low	Default Reset Values: $I \neg P$ J $P \cup O S$ $O O O$ $C \neg E$ $O \neg$ $H \neg S$ $O I$ $P \vdash$ $C O$ $C \neg E$ $O O$ $C \neg E$ $O O$ $C \neg E$ $O O$ $r \perp J$ $H \in R E$ $r \neg B$ $O \in O O$ $r \subseteq E$ O $L \subseteq F$ O Note that the Set Point remains unaffectedeven on Instrument reset.
$\begin{tabular}{ c c c c c } \hline \hline \hline Operating and Instruction Manual: \\ \hline \hline DTC-4303 /4203/4403/4503/4603 \\ \hline \hline Version 2.0 \\ \hline \hline Specifications: \\ 1. Input: J/K/Pt-100 selectable \\ 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: 0~50 Deg. 5. Supply: 230VAC +/- 15% 6. Resolution: 1 Deg./0.1 deg for Pt-100 7. Range: Pt-100 -> -50.0~400.0 Deg. J-type -> 0~600 Deg. K-type -> 0~250 Deg. 8. Hysterists: 0~99 Deg./0~99.9 deg. 9. Proportional Band: 0~99 Deg. 10. Cycle Time: 1~99 seconds. 11. Manual Reset : 0~99 Deg. 12. Control Direction : Heat / Cool (Fer On/Off critt)$	Key Press Display Description • To select the Input sensor type (Display Implies Provide	Key Press Display Description •• Press \bigtriangledown To set Cycle Time In seconds if Cntr = "Pr" for 2 seconds (Display $\Box \Box \Box$ for 2 seconds Cycle Time $\Box \Box$ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+ \triangle or Set $+ \bigtriangledown$ •• Press \bigtriangledown To set Relay Logic •• Press \bigtriangledown To set Relay Logic •• Display •• Press \lor To set Relay Logic •• Press Set $+ \bigtriangledown$	Default Reset Values: $I \neg P$ J $P \cup O S$ $O O O$ $C \neg E$ $O \neg$ $H \exists S$ $O I$ $P b$ $2 O$ $C \exists C$ $0 O$ $D O$ $C \exists C O$ $C \exists C O$ $O O O$ $C \exists C O$ $O O O$ $C \exists C O O$ $O O O$ $C \exists C O O$ $O O O$ $C \exists C O O O$ $O O O O$ $C \exists C O O O$ $O O O O O$ $C \exists C O O O O O O O O O O O O O O O O O $
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. Input: J / K / Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: 0~50 Deg. 5. Supply: 230V AC +/- 15% 6. Resolution: 1 Deg./0.1 deg for Pt-100 7. Range: Pt-100 -> -50.0~400.0 Deg. J +type -> 0~600 Deg. K-Type -> 0~1250 Deg. 8. Hysterists: 0~99 Deg./0~99.9 deg. 9. Proportional Rand: 0~99 Deg. 10. Cycle Time: 1~99 seconds. 11. Manual Reset : 0~99 Deg. 12. Control Direction : Heat / Cool (For On/Off only) 13. Cutjout: 92mm (H) for DIC-4303	Key Press Display Description • To select the Input sensor type (Display Image: Press of the Press of t	Key Press Display Description ●. Press ♡ To set Cycle Time In seconds If Cntr = "Pr" for 2 seconds) Cycle Time 20 (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+△ or Set +▽ . ● ● Press ♡ To set Relay Logic (Display L ± ● Press ♡ To set Relay Logic Forward Press Set +♡ H 1 Alarm-High Press Set +♡ H 1 Alarm-Low ● Press ♡ To determine the maximum L 0	Default Reset Values: $I \neg P$ J $P \cup O S$ $O O O$ $C \neg E$ $O \neg$ $H \exists S$ $O I$ $P b$ $2 O$ $C \exists C$ $2 O$ $C \exists C$ $2 O$ $C \exists C$ $2 O$ $-L \exists$ $H \in R E$ $-S E$ O $L \subset F$ O Note that the Set Point remains unaffected even on instrument reset.Table -1
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. Input: J / K / Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: 0-50 Deg. 5. Supply: 230V AC +/- 15% 6. Resolution: 1 Deg./0.1 deg for Pt-100 7. Range: Pt-100 -> -50.0~400.0 Deg. J +type -> 0~600 Deg. K-Type -> 0~250 Deg. 8. Hystertsis: 0~99 Deg./0~99.9 deg. 10. Cycle Time: 1~99 seconds. 11. Manual Reset : 0~99 Deg. 12. Control Direction : Heat / Cool (For On/Off only) 13. Cutout: 92mm (W) x 92mm (H) for DTC-4303 68mm(W) x 68mm (H) for DTC-4203	Key Press Display Description • To select the Input sensor type (Display Implement of the Process of the Process of the Process value (Display Implement of the Process value (Display Implement of the Process value Press Finite Implement of the Process value (Display Implement of the Process value Offset Implement of the Process value Implement of the Process value Offset Implement of the Process value Implement of the Process value Implement of the Process value Implement of the Process value Implement of the Process value Implement of the Process value Implement of the Process value Implement of the Process value Implement of the Process value Implement of the Process value Implement of the Process value Implement of the Process value Implement of the Process value Implement of the Process value Implement of the Process value Implement of the Process value Implement of the Process value Implement of the Process value Implement of the Process value Implement o	Key PressDisplayDescription•. PressTo set Cycle Time In seconds If Cntr = "Pr"(Display $\square \square \square$ $\square \square$ (Display $\square \square \square$ $\square \square$ (Display $\square \square \square$ $\square \square$ (1~99 sec.)This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set + \triangle or Set + \bigtriangledown .• PressTo set Relay Logic(Display $\square \square \square$ $\square \square$ Relay logic $\square \square \square$ $\square \square$ Press Set + \bigtriangledown $\square \square \square$ $\square \square$ Press Set + \bigtriangledown $\square \square \square$ $\square \square$ Press Set + \bigtriangledown $\square \square \square$ $\square \square$ Press \bigtriangledown To determine the maximum set point limit	Default Reset Values: $I \cap P$ J $P \cup O S$ $O O O$ $C \cap E$ $O \cap$ $H \sqcup S$ $O I$ $H \sqcup S$ $O I$ $P B$ $2 O$ $C \sqcup C$ $2 O$ $C \sqcup C$ $2 O$ $C \sqcup C$ $2 O$ $C \sqcup S$ $O O$ $C \sqcup C$ $O O$ $D O O$ $O O O$ $C \sqcup C$ $O O$ $C \sqcup C$ $O O$ $C \sqcup C$ $O O$ $D O O$ $O O O$ $D O O O$ $O O O$ $D O O O$ $O O O O$ $D O O O$ $O O O O$ $D O O O O$ $O O O O$ $D O O O O$ $O O O O$ $D O O O O O O$ $O O O O O$ $D O O O O O O O O O O O O O O O O O O O$
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. Input: J / K / Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: O-50 Deg. 5. Supply: 230V AC +/- 15% 6. Resolution: 1 Deg./0.1 deg for Pt-100 7. Range: Pt-100 -> -50.0~400.0 Deg. J - type -> 0~600 Deg. K-type -> 0~250 Deg. 8. Hysterists: O-99 Deg./099.9 deg. 9. Proportional Band: 0~99 Deg. 10. Cycle Time: 1~99 seconds. 11. Manual Reset: 0~99 Deg. 12. Control Direction: Heat / Cool (For On/Off only) 13. Cutout: 92mm (W) x 92mm (H) for DTC-4303 68mm (W) x 64mm (W) x 64mm (H) for DTC-4203 44mm (W) x 44mm (H) for DTC-4503	Key Press Display Description • To select the Input sensor type (Display I \neg for 2 seconds) Sensor Type (D~600° C) for 2 seconds) Sensor Type (D~600° C) Press Set + \triangle F (0~600° C) Press Set + \triangle PE (50~400°C) Press Set + \triangle PE (50~400°C) Press Set + \triangle PE (-50~400°C) Press Set + \triangle PE (-50~400°C) Press Set + \triangle PE (-50~400°C) Press To set Offset for Process value (Display (-99.9~99.9°C) This parameter is added to the Process value (o compensate for any offset error due to the sensor. It can be changed by pressing Sel+ \triangle or Set + \bigtriangledown . Press \bigtriangledown to select Control Mode (Display C mE r for 2 seconds) Control Mode <t< th=""><th>Key Press Display Description ●. Press ▽ To set Cycle Time In seconds If Cntr = "Pr" for 2 seconds) Cycle Time ⊇□ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set +△ or Set +▽ . ● ● Press ▽ To set Relay Logic (Display □ 1 → 1 (Display □ 1 → 1 for 2 seconds) Relay logic □ 1 → 1 for 2 seconds) Relay logic □ 1 → 1 for 2 seconds) Relay logic □ 1 → 1 for 2 seconds) Press Set +▽ □ 1 → 1 Alarm-High Press Set +▽ □ 1 → 1 Alarm-Low ● Press ▽ To determine the maximum set point limit □</th><th>Default Reset Values:$I \neg P$$J$$P \cup O S$$O O O$$C \neg E$$O \neg$$H \exists S$$O I$$P b$$2 O$$C \exists C$$2 O$$C \exists C$$2 O$$-L \exists$$H \in R E$$- \neg S E$$O$$L \subset F$$O$L $\subset F$$O$Note that the Set Point remains unaffected even on Instrument reset.Table -1This table shows the maximum set point limit ranges for different inputs:</th></t<>	Key Press Display Description ●. Press ▽ To set Cycle Time In seconds If Cntr = "Pr" for 2 seconds) Cycle Time ⊇□ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set +△ or Set +▽ . ● ● Press ▽ To set Relay Logic (Display □ 1 → 1 (Display □ 1 → 1 for 2 seconds) Relay logic □ 1 → 1 for 2 seconds) Relay logic □ 1 → 1 for 2 seconds) Relay logic □ 1 → 1 for 2 seconds) Press Set +▽ □ 1 → 1 Alarm-High Press Set +▽ □ 1 → 1 Alarm-Low ● Press ▽ To determine the maximum set point limit □	Default Reset Values: $I \neg P$ J $P \cup O S$ $O O O$ $C \neg E$ $O \neg$ $H \exists S$ $O I$ $P b$ $2 O$ $C \exists C$ $2 O$ $C \exists C$ $2 O$ $-L \exists$ $H \in R E$ $- \neg S E$ O $L \subset F$ O L $\subset F$ O Note that the Set Point remains unaffected even on Instrument reset.Table -1This table shows the maximum set point limit ranges for different inputs:
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. input: J / K / Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: O-50 Deg. 5. Supply: 230V AC +/- 15% 6. Resolution: 1 Deg./0.1 deg for Pt-100 7. Range: Pt-100 -> -50.0~400.0 Deg. J - type -> 0~600 Deg. K-type -> 0~400.0 Deg. J - type -> 0~4000 Deg. J - type -> 0~400.0 Deg. J - type -> 0~250 Deg. Supply: 9. Proportional Band: 0~99 Deg. 10. Cycle Time: 1~99 seconds. 11. Manual Reset: 0~99 Deg. 12. Control Direction : Heat / Cool (For On/Off onty) 13. Cutout: 92mm (W) x 92mm (H) for DTC-4303 68mm(W) x 44mm (H) for DTC-4403 92mm (W) x 44mm (H) for DTC-4403	Key Press Display Description • To select the input sensor type (Display I \neg P for 2 seconds) Sensor Type (D~600° C) for 2 seconds) Sensor Type (D~600° C) Press Set + \triangle F. Press Set + \triangle PL (50~400°C) Press Set + \triangle PL (50~400°C) Press Set + \triangle PL (-50~400°C) Press Set + \triangle PL (-50~400°C) Press To set Offset for Process value (Display Pue Offset D (-99.9~99.9° C) This parameter is added to the Process value to compensate for any offset error due to the vanue Chipset arror set + \bigtriangledown . Press to select Control Mode (Display C n= E - (Display C n= E - On-Off <th>Key Press Display Description ●. Press ▽ To set Cycle Time In seconds If Cntr = "Pr" for 2 seconds) Cycle Time こ」 for 2 seconds) Cycle Time こ□ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+△ or Set +▽ . ● ● Press ▽ To set Relay Logic [Display - L 当 for 2 seconds) Relay logic HERE Forward Press Set +▽ Forward Press Set +▽ FILE Forward Press Set +▽ FILE Press Set +▽ FILE Alarm-High Press Set +▽ FILE Alarm-Low ● Press ▽ To determine the maximum set point limit for 2 seconds) FILE for 2 seconds)</th> <th>Default Reset Values:$I \neg P$$J$$P \cup O S$$O O O O$$C \neg E$$O \cap O$$E \neg E$$O \cap O$$H \exists S$$I$$P \Box$$C O$$C \exists C$$C O$$C \exists C$$C O$$C \exists C$$C O$$C \exists C$$O O$$C \Box C$$O O$$C \Box C$$O O O$</th>	Key Press Display Description ●. Press ▽ To set Cycle Time In seconds If Cntr = "Pr" for 2 seconds) Cycle Time こ」 for 2 seconds) Cycle Time こ□ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+△ or Set +▽ . ● ● Press ▽ To set Relay Logic [Display - L 当 for 2 seconds) Relay logic HERE Forward Press Set +▽ Forward Press Set +▽ FILE Forward Press Set +▽ FILE Press Set +▽ FILE Alarm-High Press Set +▽ FILE Alarm-Low ● Press ▽ To determine the maximum set point limit for 2 seconds) FILE for 2 seconds)	Default Reset Values: $I \neg P$ J $P \cup O S$ $O O O O$ $C \neg E$ $O \cap O$ $E \neg E$ $O \cap O$ $H \exists S$ I $P \Box$ $C O$ $C \exists C$ $O O$ $C \Box C$ $O O$ $C \Box C$ $O O O$
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. Input: J / K / Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: O-50 Deg. 5. Supply: 230V AC +/- 15% 6. Resolution: 1 Deg./0.1 deg for Pt-100 7. Range: Pt-100 -> -50.0~400.0 Deg. J -type -> 0~600 Deg. Stype -> 0~400.0 Deg. K-Type -> 0~1250 Deg. Hysterists: 0~99 Deg./0~99.9 deg. Proportional Band: 0~99 Deg. 10. Cycle Time: 1~99 seconds. 11. Manual Reset: 0~99 Deg. 12. Control Direction : Heat / Cool (For On/Off only) 13. Cutout: 92mm (W) x 92mm (H) for DTC-4303 68mm(W) x 64mm (H) for DTC-4403 44mm (W) x 44mm (H) for DTC-4403 44mm (W) x 44mm (H) for DTC-4403 44mm (W) x 92mm (H) for DTC-4403	Key Press Display Description • To select the input sensor type (Display $\neg P$ for 2 seconds) Sensor Type \Box ($0^{\sim} 600^{\circ}$ C) Press Set + Δ PE Press Set + Δ PE $(0^{\sim} 1250^{\circ}$ C) Press Set + Δ PE $(50.0 \sim 400.0^{\circ}$ C) Press Set + Δ PE $(50.0 \sim 400.0^{\circ}$ C) Press Set + Δ PE $(50.0 \sim 400.0^{\circ}$ C) Press Set + Δ PE $(50.0 \sim 400.0^{\circ}$ C) Press Set + Δ PE $(50.0 \sim 400.0^{\circ}$ C) Press To set Offset for Process value $(Dsplay (-99.9 \sim 99.9^{\circ}C) This parameter is added to the Process value (0 = 1 - 0) = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 $	Key Press Display Description ●. Press ▽ To set Cycle Time In seconds If Cntr = "Pr" for 2 seconds) Cycle Time □□ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+△ or Set +▽ . ● ● Press ▽ To set Relay Logic [Display □ ⊥ ⊥ (Display □ ⊥ ⊥ for 2 seconds) Relay logic □ E E E Forward Press Set +▽ Press Set +▽ □ - ⊥ ⊥ Alarm-High Press ⊽ To determine the moximum set point limit for 2 seconds) Set point Limit □ - ⊥ ⊆ Alarm-Low	Default Reset Values: $I \neg P$ J $P \cup O S$ $O O O O$ $C \neg E$ $O \cap O$ $C \neg E$ $O \cap O$ $P \cup O S$ $O O O$ $C \neg E$ $O O \circ C$ 2 $K P p e$ $O \sim 1250 \circ C$
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. Input: J / K / Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: O-50 Deg. 5. Supply: 230V AC +/- 15% 6. Resolution: 1 Deg/0.1 deg for Pt-100 7. Range: Pt-100 -> -50.0400.0 Deg.	Key Press Display Description • To select the input sensor type (Display $\neg P$ for 2 seconds) Sensor Type \Box (0~600° C) Press Set + \triangle \Box (0~1250°C) Press Set + \triangle PE (-50.0~400.0°C) Press To set Offset for Process value (Display $Peress value (Display Peress = 0 Peress = 0 Peress = 0 Press Set +\bigcirc De Peress = 0 Peress Control Mode $	Key Press Display Description • Press \bigtriangledown To set Cycle Time In seconds if Cntr = "Pr" (Display $\Box \Box \Box$ (Display $\Box \Box \Box$ for 2 seconds) Cycle Time $\Box \Box$ for 2 seconds) Cycle Time $\Box \Box$ (1~99 sec.) This parameter determines the total cycle time for 10 sec.) This parameter determines the total cycle time for 2 seconds) Press \bigtriangledown To set Relay Logic [Display Forward Press Set + \bigtriangledown Forward Forward Press Set + \bigtriangledown Formation Reverse Press Set + \bigtriangledown Formation Alarm-High Press \bigtriangledown For 4 moder Alarm-Low Press Set + \bigtriangledown To determine the maximum set point limit (Display Formation ormation	Default Reset Values:IPJPDDCCDCCDHSDIP20CC20CJHERL r DDCSDCCDCSDCDDCSDCCDCDCCDCCDCDCCDCC2. K-TypeCC3. Pt-100:-50.0~400.0 °C
$\label{eq:product} \hline \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Key Press Display Description • To select the input sensor type (Display P for 2 seconds) Sensor Type I (0^{\sim} 600° C) Press Set + Δ P Press Set + Δ P $(0^{\sim}$ 1250°C) Press To set Offset for Process value $(-50400°C) Offset I (-99.9 - 99.9°C) This parameter is addled to the Process value to compensate for any offset error due to the sensor. It can be changed by pressing Set+\Delta or Set + \bigtriangledown $	Key Press Display Description • Press \bigtriangledown To set Cycle Time In seconds if Cntr = "Pr" (Display $\Box \Box \Box$ (Display $\Box \Box \Box$ for 2 seconds) Cycle Time $\Box \Box$ for 2 seconds) Cycle Time $\Box \Box$ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+ Δ or Set + ∇ for 2 seconds) Press ∇ To set Relay Logic [Display (Display PL Press Set + ∇ Forward Press Set + ∇ Forward Press Set + ∇ Alarm-High Press ∇ To determine the maximum set point limit Or C Press Set + ∇ To change the Set point limit. Refer Table-1 for 2 seconds)	Default Reset Values: $I \neg P$ J $P \cup O S$ $O O O$ $C \neg E$ $O \neg$ $H \Box S$ $O I$ $P \cup O S$ $O O$ $C \neg E$ $O \neg$ $H \Box S$ $O I$ $P \cup O S$ $O \cap O$ $C \Box C$ $O \cap O$ O
$\label{eq:product} \hline \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Key Press Display Description • To select the Input sensor type (Display P for 2 seconds) Sensor Type I (0~60° C) Press Set + Δ I (0~1250°C) Press Set + Δ P I (-50.0~400.0°C) Press Set + Δ P I	Key Press Display Description ●. Press ▽ To set Cycle Time In seconds If Cntr = "Pr" for 2 seconds) (Display □ IJ □ for 2 seconds) Cycle Time □ □ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+△ or Set +▽ . ● Press ▽ To set Relay Logic (Display □ ⊥ IJ for 2 seconds) Relay logic □ □ ⊥ IJ for 2 seconds) Relay logic □ □ ⊥ IJ for 2 seconds) Press Set +▽ □ □ ⊥ ⊥ Reverse Press Set +▽ □ − ⊥ □ Alarm-High Press Set +▽ □ − ⊥ □ Alarm-Low ● Press ▽ To determine the maximum set point limit □ □ ⊆ □ ⊆ ° C Press Set + ▽ to change the Set point limit. Refer Table-1 for limits for various input types. ● Press ▽ To select Lock mode	Default Reset Values: $I \neg P$ J $P \cup O S$ $O O O$ $C \neg E$ $O \neg$ $H \exists S$ $O I$ $P b$ $2 O$ $C \exists C$ $0 O$ $C \exists C d d d d d d d d d d d d d d d d d $
$\label{eq:product} \hline \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Key Press Display Description • To select the Input sensor type (Display Implication (Display Implication for 2 seconds) Sensor Type (0~60° C) Press Set + Δ Filder Press Set + Δ PL Press To set Offset for Process value (Display (Display Pue for 2 seconds) Offset [1 [-9.9-9-99.9° C) This parameter is added to the Process value to compensate for any offset error due to the sensor. It can be changed by pressing Set+ Δ or Set + ∇ . Press for 2 seconds) Control Mode On-Off Press \forall to set Hysterists value if Cntr Pm	Key Press Display Description •. Press \bigtriangledown To set Cycle Time In seconds if Cntr = "Pr" [Display \Box \Box \Box \Box seconds) Cycle Time \Box \Box \Box \Box (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+ \triangle or Set $+ \bigtriangledown$. • Press \bigtriangledown To set Relay Logic (Display \Box \Box \Box for 2 seconds) Relay logic $HERE$ (Display Γ \Box \Box Relay logic $HERE$ Press \bigtriangledown To set Relay Logic Reverse Press Set $+ \bigtriangledown$ Π Alarm-High Press \bigtriangledown Π Press \bigtriangledown Π [Display Π Press \bigtriangledown Π (Display Π Π Π Π	Default Reset Values: $I \neg P$ J $P \cup O S$ $O O O$ $C \neg E$ $O \neg$ $H \exists S$ $O I$ $P \sqcup$ $O O$ $C \exists C$ $O O$ $O O$ $O O$ $C \exists C$ $O O$ $O O$ $O O$ $O O O$ $O O$ $O O O$ $O O$ $O O O O$ $O O O$ $O O O O O$ $O O O O$ $O O O O O O$ $O O O O O$ $O O O O O O O O O O$ $O O O O O O O O O O O O O O O O O O O $
Operating and Instruction Manual:DTC-4303 /4203/4403/4503/4603Version 2.0Specifications:1. Input:J / K / Pt-100 selectable2. Control Action:On-Off / Time Proportional3. Output:Relay 5A/230VAC Resistive4. Op. Temperature:0~50 Deg.5. Supply:230V AC +/- 15%6. Resolution:1 Deg./0.1 deg for Pt-1007. Range:Pt-100 -> -50.0~400.0 Deg.J -type -> 0~600 Deg.K1ype -> 0~1250 Deg.8. Hysterisis:0~99 Deg./0~99.9 deg.9. Proportional Band:0~99 Deg.10. Cycle Time:1~99 seconds.11. Manual Reset :0~99 Deg.12. Control Direction : Heat / Cool(For On/Off only)13. Cutout:92mm (W) x 44mm (H) for DTC-4303 48mm(W) x 44mm (H) for DTC-440344mm(W) x 44mm (H) for DTC-440344mm(W) x 92mm (H) for DTC-440344mm(W) x 92mm (H) for DTC-440344mm(W) x 92mm (H) for DTC-440372mm(W) x 72mm(H) x 115mm(D) for DTC-420372mm(W) x 72mm(H) x 115mm(D) for DTC-420372mm(W) x 72mm(H) x 115mm(D)72mm(W) x 72mm(H) x 115mm(D)73mm(W) x 72mm(H) x 115mm(D)74mm75mm(W) x 72mm(H) x 115mm(D)75mm(W) x 72mm(H) x 115mm(D)X DOMX DOM	Key Press Display Description • To select the Input sensor type (Display Imp for 2 seconds) Sensor Type (D ~ 600° C) Press Set + Δ (D ~ 1250°C) Press Set + Δ PL (-50.0~400.0°C) Press Set + Δ PL (-50.~400.°C) Press Set + Δ PL (-50~400°C) Press Set + Δ PL (-50~400°C) Press To set Offset for Process value (Dlsplay (Dlsplay Pue for 2 seconds) Offset D for 2 seconds) Offset D for 2 seconds) pressing Set + Δ or Set + ∇ . Press ∇ to select Control Mode (Dlsplay Dm Press ∇ to set Hysterists value if Cntt = "ON" (Dlsplay Press ∇ To s	Key Press Display Description • Press \bigtriangledown To set Cycle Time In seconds if Cntr = "Pr" [Display $\Box \Box \Box$ for 2 seconds) Cycle Time $\Box \Box$ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+ \triangle or Set + \bigtriangledown . • Press \bigtriangledown To set Relay Logic [Display $\Box \Box$ • Press \bigtriangledown To set Relay Logic [Display $\Gamma \bot \exists$ • Display $\Gamma \bot \exists$ for 2 seconds) Relay logic $\Pi = \Box \exists$ for 2 seconds) Relay logic $\Pi = \Box \exists$ Reverse Press Set + \bigtriangledown $\Pi = \Box \exists$ Alarm-High Press Set + \bigtriangledown $\Pi = \Box \exists$ Alarm-Low • Press \bigtriangledown To determine the moximum set point limit Olsplay C c Press Set + \bigtriangledown To c bange the Set point limil. C <	Default Reset Values: I $\neg P$ J Pu05 DD0 C $\neg E$ H45 D1 Pb C $\exists C$ Pb C $\exists C$ C $\exists C$ C $\exists C$ Pb C $\exists C$ Pb C $\exists C$ Pb C $\exists C$ Pb C $\exists C$ C $\exists C$ Pb C $\exists C$ Pb C $\exists C$ C $\exists C$ C $\exists C$ D L $\subseteq F_1$ D L $\subseteq F_1$ D Instrument reset.
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. Input: J / K / Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: 0~50 Deg. 5. Supply: 230V AC +/- 15% 6. Resolution: 1 Deg./0.1 deg for Pt-100 7. Range: Pt-100 -> -50.0~400.0 Deg. J -type -> 0~600 Deg. KType -> 0~1250 Deg. 8. Hysterists: 0~99 Deg./0~99.9 deg. 9. Proportional Band: 0~99 Deg. 10. Cycle Time: 1~99 seconds. 11. Manual Reset : 0~99 Deg. 12. Control Direction : Heat / Cool (For On/Off only) 13. Cutout: 92mm (W) x 92mm (H) for DTC-4303 68mm(W) x 68mm (H) for DTC-4403 44mm (W) x 44mm (H) for DTC-4403 44mm (W) x 92mm (H) for DTC-4403 14. Overall: 96mm(W) x 96mm(H) x 90mm (D) for DTC-4203 72mm(W) x 72mm(H) x 115mm(D) for DTC-4203 48mm(W) x 48mm(H) x 100mm (D) for DTC-4203 48mm(W) x 48mm(H) x 100mm (D)	Key PressDisplayDescription • To select the Input sensor type (Display I $\neg P$ for 2 seconds) Sensor Type (Display I $\neg P$ for 2 seconds) Sensor Type (0~600° C) Press Set $+ \triangle$ PE I (-50.0~400.0°C) Press Set $+ \triangle$ PE I (-50.0~400.0°C) Press Set $+ \triangle$ PE I (-50.0~400.0°C) Press Set $+ \triangle$ PE I (-50.~400°C) O. Press Set $+ \triangle$ PE I (-50.~400°C) O. Press \forall To set Offset for Process value (Display Pue 5 for 2 seconds) Offset I (-99.9~99.9° C) This parameter is added to the Process value to compensate for any offset error due to the sensor. It can be changed by pressing Set $+ \triangle$ or Set $+ \forall$. O. Press \forall to select Control Mode (Display <u>E ref</u> for 2 seconds) Control Mode <u>Dn-Off Press \forall to set Hystertisk value if Cntr = "ON" (Display <u>H = 5 for 2 seconds) Hystertisk <u>Dn + = 5 for 2 seconds) </u></u></u>	Key Press Display Description • Press \bigtriangledown To set Cycle Time In seconds if Cntr = "Pr" [Display $\Box \Box \Box$ for 2 seconds) Cycle Time $\Box \Box$ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+ \triangle or Set + \bigtriangledown . \blacksquare Press \bigtriangledown To set Relay Logic (Display $\blacksquare L \exists$ for 2 seconds) Relay logic $H \equiv H \pm$ for 2 seconds) Relay logic $H \equiv H \pm$ Forward Press Set + \bigtriangledown $\blacksquare -H = 1$ Alarm-High Press Set + \bigtriangledown $\blacksquare -H = 1$ Alarm-Low Press \bigtriangledown \square \square [Display $\neg = 5$ \neg \neg [Display $\neg = 5$ \neg \neg [Display $\neg = 5$ \neg \neg	Default Reset Values: I $\neg P$ J Pu05 000 C $\neg E$ Pb 01 Pb C $\neg E$ Pb Pb Pb Pb D L $\subset F$ D D $\sim 600 °$
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. Input: J / K / Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: 0~50 Deg. 5. Supply: 230V AC +/- 15% 6. Resolution: 1 Deg./0.1 deg for Pt-100 7. Range: Pt-100 -> -50.0~400.0 Deg. J -type -> 0~600 Deg. K-Type -> 0~250 Deg. 8. Hysterists: 0~99 Deg./0~99.9 deg. 9. Proportional Band: 0~99 Deg. 10. Cycle Time: 1~99 seconds. 11. Manual Reset : 0~99 Deg. 12. Control Direction : Heat/ / Cool (For On/Off only) 13. Cutout: 92mm (W) x 92mm (H) for DTC-4303 68mm(W) x 68mm (H) for DTC-4403 44mm (W) x 44mm (H) for DTC-4403 44mm (W) x 92mm (H) for DTC-4403 14. Overall: 96mm(W) x 96mm(H) x 90mm (D) for DTC-4203 48mm(W) x 48mm(H) x 115mm(D) for DTC-4203 48mm(W) x 48mm(H) x 100mm (D) for DTC-4203 48mm(W) x 48mm(H) x 100mm (D) for DTC-4503 96mm(W) x 48mm(H) x 100mm (D)	Key Press Display Description To select the Input sensor type (Display \square for 2 seconds) Sensor Type (0~600° C) Press Set +\triangle \square (0~1250°C) Press To set Offset for Process value (Display \square (-99,9~99,9° C) This parameter is added to the Process value to compensate for any offset error due to the sensor. It can be changed by pressing Set +\triangle or Set + ∇. Press ∇ to select Control Mode (Display \square \square On-Off Press ∇ to set Hystertisk value if Crutr = "ON" (Display \square	Key Press Display Description • Press \bigtriangledown To set Cycle Time In seconds if Cntr = "Pr" for 2 seconds) Cycle Time $= \square$ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+ \triangle or Set + \bigtriangledown . • Press \bigtriangledown To set Relay Logic (Display • Press \bigtriangledown To set Relay Logic (Display • Press \lor To set Relay Logic • Press Set + \bigtriangledown • Press Set + \bigtriangledown • Press Set + \bigtriangledown • Press \lor To determine the maximum set point limit (Display • C • Press Set + \bigtriangledown • C • Press \lor • Display • C • Press • O to determine the maximum set point limit (Display • C • To select Lock mode (Display <td< th=""><th>Default Reset Values: $I \cap P$ $P \cup OS$ $P \cup OS$</th></td<>	Default Reset Values: $I \cap P$ $P \cup OS$
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. Input: J / K / Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: 0-50 Deg. 5. Supply: 230V AC +/-15% 6. Resolution: 1 Deg./0.1 deg for Pt-100 7. Range: Pt-100 -> -50.0-400.0 Deg. J +type -> 0-<600 Deg. K-Type -> 0-<200 Deg. 8. Hystertsis: 0-99 Deg./099.9 deg. 10. Cycle Time: 1 -99 seconds. 11. Manual Reset : 0-99 Deg. 12. Control Direction: Heat / Cool (For On/Off only) 3. Cutout: 92mm (M) x 92mm (H) for DTC-4303 68mm(W) x 44mm (H) for DTC-4403 44mm (W) x 44mm (H) for DTC-4403 92mm(W) x 44mm (H) for DTC-4403 44mm(W) x 92mm (H) for DTC-4403 14. Overall: 96mm(W) x 96mm(H) x 90mm (D) for DTC-4203 14. Overall: 96mm(W) x 96mm(H) x 100mm (D) for DTC-4203 96mm(W) x 48mm(H) x 100mm (D) for DTC-4403 96mm(W) x 48mm(H) x 100mm (D) for DTC-4403 96mm(W) x 48mm(H) x 70mm(D)	Key Press Display Description To select the Input sensor type (Display \square for 2 seconds) Sensor Type (0~600° C) Press Set +\triangle \square (0~1250°C) Press Set +\triangle \square (0~1250°C) Press Set +\triangle \square (0~1250°C) Press Set +\triangle \square (-50.0~400.°C) Press Set +\triangle \square (-50400°C) Press Set +\triangle \square (-50400°C) Press Set +\triangle \square (-50400°C) Press ∇ To set Offset for Process value (Display \square (-99.9~99.9° C) This parameter is added to the Process value to compensate for any offset error due to the sensor. It can be changed by pressing Set +\triangle or Set +∇. Press ∇ to select Control Mode (Display \square \square On-Off Press ∇ to set Hystertisk value if Crut = "ON" (Display \square \square<!--</th--><th>Key Press Display Description • Press \bigtriangledown To set Cycle Time In seconds if Cntr = "Pr" [Display] $\Box \Box \Box$ for 2 seconds) Cycle Time $\Box \Box$ [1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+\triangle or Set +\bigtriangledown . • Press \bigtriangledown To set Relay Logic [Display $-L \ \Box$ for 2 seconds) • Press \bigtriangledown To set Relay Logic [Display $-L \ \Box$ • Press \bigtriangledown To set Relay Logic Forward Press Set +\bigtriangledown \neg \neg \Box \Box Alarm-High Press Set +\bigtriangledown \neg \neg \Box Alarm-Low Press \bigtriangledown \neg To determine the maximum set point limit (Display $-\neg \Box$ for 2 seconds) Set point limit (Display $-\neg \Box \Box$ for 2 seconds) Set point limit (Display $-\neg \Box \Box$ for 2 seconds) Set point limit for 2 seconds) Set point limits for various input types. Press \bigtriangledown</th><th>Default Reset Values: $I \cap P$ $P \cup OS$ $P \cup OS$</th>	Key Press Display Description • Press \bigtriangledown To set Cycle Time In seconds if Cntr = "Pr" [Display] $\Box \Box \Box$ for 2 seconds) Cycle Time $\Box \Box$ [1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+ \triangle or Set + \bigtriangledown . • Press \bigtriangledown To set Relay Logic [Display $-L \ \Box$ for 2 seconds) • Press \bigtriangledown To set Relay Logic [Display $-L \ \Box$ • Press \bigtriangledown To set Relay Logic Forward Press Set + \bigtriangledown \neg \neg \Box \Box Alarm-High Press Set + \bigtriangledown \neg \neg \Box Alarm-Low Press \bigtriangledown \neg To determine the maximum set point limit (Display $-\neg \Box$ for 2 seconds) Set point limit (Display $-\neg \Box \Box$ for 2 seconds) Set point limit (Display $-\neg \Box \Box$ for 2 seconds) Set point limit for 2 seconds) Set point limits for various input types. Press \bigtriangledown	Default Reset Values: $I \cap P$ $P \cup OS$
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. Input: J / K / Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: O-50 Deg. 5. Supply: 230V AC +/- 15% 6. Resolution: 1 Deg./0.1 deg for Pt-100 7. Range: Pt-100 -> -50.0~400.0 Deg. J + type -> 0~600 Deg. K-type -> 0~250 Deg. 8. Hystertsis: 0~99 Deg./0~99.9 deg. 10. Cycle Time: 1~99 seconds. 11. Manual Reset : 0~99 Deg. 12. Control Direction : Heat / Cool (For On/Off only) 13. Cutout: 92mm (W) x 92mm (H) for DTC-4303 68mm(W) x 68mm (H) for DTC-4403 44mm (W) x 44mm (H) for DTC-4403 44mm (W) x 44mm (H) for DTC-4403 44mm (W) x 92mm (H) for DTC-4403 14. Overall: 96mm(W) x 96mm(W) x 96mm(H) x 90mm (D) for DTC-4203 48mm(W) x 48mm(H) x 100mm (D) for DTC-4203 48mm(W) x 48mm(H) x 100mm (D) for DTC-4403 96mm(W) x 48mm(H) x 70mm(D)	Key Press Display Description • To select the input sensor type (Display I $\neg P$ for 2 seconds) Sensor Type (0~600° C) Press Set + \triangle Ferring Press Set + \triangle PE (-50.0~400.0°C) Press To set Offset for Process value (Display (-90.9~99.9°C) This parameter is added to the Process value for 2 seconds) (Display (-90.7 C) Press ∇ to select Control Mode On-Off On-Off Proportional	Key Press Display Description • Press \bigtriangledown To set Cycle Time In seconds if Cntr = "Pr" for 2 seconds) Cycle Time $= \square$ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+ \triangle or Set + \bigtriangledown . • Press \bigtriangledown To set Relay Logic (Display $= \bot \exists$ • Press \bigtriangledown To set Relay Logic (Display $= L \exists$ • Press \bigtriangledown To set Relay Logic (Display $= L \exists$ • Press \diamondsuit To set Relay Logic (Display $= L \exists$ • Press \diamondsuit To set Relay Logic • Press \lor To set Relay Logic • Press \diamondsuit To set Relay Logic • Press \lor To determine the maximum set point limit • Press \bigtriangledown • Press \bigtriangledown • Press \bigtriangledown • C • Press \lor • Display • Press \lor • C	Default Reset Values: I $\neg P$ I $\neg D$ P $\sqcup DS$ DDD C $\neg E$ H $\exists S$ D I P \sqcup P \sqcup D I P \sqcup P \sqcup D I P \sqcup D I P \sqcup D I P \sqcup P \sqcup D I P \sqcup D I P \sqcup D I D I D I D I Phogramming Set Point: To view set point, press any one key . To lecrease Set Point Press Set + \Box ` To view set point Press Press and hold \triangle and \bigtriangledown Programming Manual Reset; Press and hold \triangle and \bigtriangledown For 3~4 seconds.
$\label{eq:product} \hline \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Key Press Display Description • To select the input sensor type (Display Implication (Display Implication for 2 seconds) Sensor Type (0~600° C) Press Set + \triangle PL (-50.0~400.0°C) Press To set Offset for Process value (Display (-50.0~400°C) Offset [[[Key Press Display Description • Press \bigtriangledown To set Cycle Time In seconds if Cntr = "Pr" (Display $\Box \Box \Box$ (Display $\Box \Box \Box$ for 2 seconds) Cycle Time $\Box \Box$ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+ \triangle or Set + \bigtriangledown . • Press \bigtriangledown To set Relay Logic (Display $\Box \Delta$ • Dress \bigtriangledown To set Relay Logic Forward Forward Press \bigtriangledown To set Relay Logic Forward Forward Press Set + \bigtriangledown Forward Forward Press Set + \bigtriangledown Formation Alarm-High Press \bigtriangledown For - H Alarm-Low • Press \bigtriangledown To determine the maximum set point limit Discole o C Press Set + \bigtriangledown To change the Set point limil. Refer Table-1 for limits for various in	Default Reset Values: I $\neg P$ J Pu05 DDD C $\neg E$ H $\exists S$ D1 Pb C $\exists C$ D $\exists C$ <
$\label{eq:product} \hline \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Key Press Display Description • To select the Input sensor type (Display P for 2 seconds) Sensor Type Q (0~600° C) Press Set + Δ P Q (0~1250°C) Press Set + Δ P Q	Key Press Display Description • Press \bigtriangledown To set Cycle Time In seconds if Cntr = "Pr" (Display $\Box \Box \Box$ (Display $\Box \Box \Box$ for 2 seconds) Cycle Time $\Box \Box$ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+ Δ or Set + ∇ (Display Press ∇ To set Relay Logic (Display $\Box \Delta \exists$ for 2 seconds) Relay logic $HERE$ Forward Press Set + ∇ Π Reverse Press Set + ∇ Π Alarm-High Press Set + ∇ Π Alarm-Low Press ∇ To determine the maximum set point limit (Display Π Ω Set point limit Π Ω Display \Box	Default Reset Values: I $\neg P$ I $\neg C$ P $\sqcup OS$ C $\neg E$ I P $\sqcup OS$ C $\neg E$ H $\exists S$ O I P $\sqcup OS$ I $\dashv H \subseteq S$ I $\vdash GE$
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. Input: J / K / Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: 0-50 Deg. 5. Supply: 230V AC +/-15% 6. Resolution: 1 Deg/0.1 deg for Pt-100 7. Range: Pt-100 -> -50.0-400.0 Deg. J -type -> 0600 Deg. K1ype -> 01250 Deg. 8. Hysterists: 099 Deg./099.9 deg. 9. Proportional Band: 099 Deg. 10. Cycle Time: 199 seconds. 11. Manual Reset : 099 Deg. 12. Control Direction : Heat / Cool (For On/Off only) 13. Cutout: 92mm (W) x 92mm (H) for DTC-4303 48mm(W) x 44mm (H) for DTC-4403 44mm(W) x 92mm (H) for DTC-4403 44mm(W) x 92mm (H) for DTC-4403 44mm(W) x 92mm (H) for DTC-4403 44mm(W) x 44mm(H) x 10mm (D) for DTC-4303 72mm(W) x 48mm(H) x 100mm (D) for DTC-4303 96mm(W) x 48mm(H) x 100mm (D) for DTC-4403 48mm(W) x 48mm(H) x 70mm(D) for DTC-4603	Key Press Display Description To select the input sensor type (Display \overrightarrow{P} for 2 seconds) Sensor Type (0~60° C) Press Set +\triangle \overrightarrow{P} (0~1250°C) Press Set +\triangle \overrightarrow{P} (-50.0~400.0°C) Press Set +\triangle \overrightarrow{P} (-50.0~400.0°C) Press Set +\triangle \overrightarrow{P} (-50.~400°C) Press Set +\triangle \overrightarrow{P} (-50.~400°C) Press Set +\triangle \overrightarrow{P} (-50.~400°C) Press Set +\triangle \overrightarrow{P} (-50.~400°C) Press To set Offset for Process value (Display \overrightarrow{P} (-99.9~99.9° C) This parameter is added to the Process value to compensate for any offset error due to the sensor. It can be changed by pressing Set+\triangle or Set + \bigtriangledown On-Off Press \bigtriangledown to select Control Mode (Display \overrightarrow{P} Time Press \bigtriangledown to set Hysterisis value if Cntr = "ON" (Display \overrightarrow{P} This parameter determines the value of the Process value at which the Relay must tum ON On/off mode and can be changed by Pre	Key Press Display Description • Press \bigtriangledown To set Cycle Time In seconds if Cntr = "Pr" [Display \Box \Box \Box \Box \Box \Box D sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+ \triangle or Set $+ \bigtriangledown$. ● Press \bigtriangledown To set Relay Logic (Display \Box \Box \Box for 2 seconds) Relay logic $H \equiv H \pm$ Press \bigtriangledown To set Relay Logic [Display (Display $-L = \Box$ Press \ge To set Relay Logic Reverse Press Set + \bigtriangledown \square Display Press Set + \bigtriangledown \square Alarm-High Press \ge \neg Press \bigcirc \neg Press \bigcirc \neg Press \bigcirc \neg Press \bigcirc \neg Press \odot \neg Intill Display \sim Press \odot \neg Press Set + \bigtriangledown	Default Reset Values: I \square <t< th=""></t<>
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. Input: J / K / Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: 0~50 Deg. 5. Supply: 230V AC +/- 15% 6. Resolution: 1 Deg./0.1 deg for Pt-100 7. Range: Pt-100 -> -50.0~400.0 Deg. J -type -> 0~-600 Deg. K1ype -> 0~-1250 Deg. 8. Hysterisis: 0~99 Deg./0~99.9 deg. 9. Proportional Band: 0~99 Deg. 10. Cycle Time: 1~99 seconds. 11. Manual Reset : 0~99 Deg. 12. Control Direction : Heat / Cool (For On/Off only) 13. Cutout: 92mm (W) x 92mm (H) for DTC-4303 68mm (W) x 44mm (H) for DTC-4403 44mm (W) x 92mm (H) for DTC-4403 44mm (W) x 92mm (H) for DTC-4403 14. Overall: 96mm (W) x 96mm (H) x 10mm (D) for DTC-4203 72mm (W) x 48mm (H) x 10mm (D) for DTC-4203 96mm (W) x 48mm (H) x 100mm (D) for DTC-4303 72mm (W) x 48mm (H) x 70mm (D) for DTC-4403 48mm (W) x 96mm (H) x 70mm (D) for DTC-4603	Key Press Display Description To select the Input sensor type (Display \overrightarrow{P} for 2 seconds) Sensor Type (0~60° C) Press Set +\triangle \overrightarrow{P} (0~1250°C) Press Set +\triangle \overrightarrow{P} (-50.0~400.°C) Press Set +\triangle \overrightarrow{P} (-50.0~400.°C) Press Set +\triangle \overrightarrow{P} (-50.~400°C) Press Set +\triangle \overrightarrow{P} (-50.~400°C) Press Set +\triangle \overrightarrow{P} (-50.~400°C) Press \forall To set offset for Process value (Display \overrightarrow{P} (-99.9~99.9° C) This parameter is added to the Process value to the sensor. It can be changed by pressing Set +\triangle or Set + \bigtriangledown. Press \bigtriangledown to select Control Mode (Display \overrightarrow{P} (Display \overrightarrow{P} Thre Process value at which the Relay must tum ON in On/off mode and can be changed by pressing Set +\triangle or Set +\bigtriangledown. Press \bigtriangledown To set Proportional Band in °C If Critf = "Pr" (Display \overrightarrow{P} (Display \overrightarrow{P} (Display \overrightarrow{P} (Display (Display (Display (Display (Display (Display (Display<!--</th--><th>Key Press Display Description •. Press \bigtriangledown To set Cycle Time In seconds if Cntr = "Pr" [Display] \Box [1~99 sec.] This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+\triangle or Set +\bigtriangledown. •. Press \bigtriangledown To set Relay Logic (Display] \Box [1~99 sec.] Press To set Relay Logic (Display] \Box [1 for 2 seconds] Relay logic $HERE$ Press To set Relay Logic (Display $\Gamma \subseteq \Box \Box$ Press Set +\bigtriangledown [1 or 2 seconds] Relay logic $HERE$ Press Set +\bigtriangledown [1 or 2 here rese Press Set +\bigtriangledown [1 or 2 here rese] Press \bigtriangledown [1 or determine the maximum set point limit (Display $\Gamma = \Box \Box$ Press \bigtriangledown [1 or determine the set point limit. Refer Table-1 for limits for various input types. Press \bigtriangledown [1 or limits for various input types. Press \lor [1 oscile Press Set +\bigtriangledown [1 Disable Press \lor [1 ck = en, then the user is prohilbited from entering the manual reset mode and vice</th><th>Default Reset Values: I \square I \square <t< th=""></t<></th>	Key Press Display Description •. Press \bigtriangledown To set Cycle Time In seconds if Cntr = "Pr" [Display] \Box [1~99 sec.] This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+ \triangle or Set + \bigtriangledown . •. Press \bigtriangledown To set Relay Logic (Display] \Box [1~99 sec.] Press To set Relay Logic (Display] \Box [1 for 2 seconds] Relay logic $HERE$ Press To set Relay Logic (Display $\Gamma \subseteq \Box \Box$ Press Set + \bigtriangledown [1 or 2 seconds] Relay logic $HERE$ Press Set + \bigtriangledown [1 or 2 here rese Press Set + \bigtriangledown [1 or 2 here rese] Press \bigtriangledown [1 or determine the maximum set point limit (Display $\Gamma = \Box \Box$ Press \bigtriangledown [1 or determine the set point limit. Refer Table-1 for limits for various input types. Press \bigtriangledown [1 or limits for various input types. Press \lor [1 oscile Press Set + \bigtriangledown [1 Disable Press \lor [1 ck = en, then the user is prohilbited from entering the manual reset mode and vice	Default Reset Values: I \square <t< th=""></t<>
Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0Specifications:1. Input:J / K / Pt-100 selectable2. Control Action:On-Off / Time Proportional3. Output:Relay 5A/230VAC Resistive4. Op. Temperature:0~50 Deg.5. Supply:230VAC +/- 15%6. Resolution:1 Deg./0.1 deg for Pt-1007. Range:Pt-100 -> -50.0~400.0 Deg. J -type -> 0~600 Deg. K1ype -> 0~1250 Deg.8. Hysterisis:0~99 Deg./0~99.9 deg.9. Proportional Band:0~99 Deg.10. Cycle Time:1~99 seconds.11. Manual Reset :0~99 Deg.12. Control Direction : Heat / Cool (For On/Off onk)13. Cutout:92mm (W) x 92mm (H) for DTC-4303 48mm(W) x 68mm (H) for DTC-4403 44mm (W) x 92mm (H) x 100mm (D) for DTC-4303 72mm(W) x 72mm(H) x 115mm(D) for DTC-4303 96mm(W) x 48mm(H) x 70mm(D) for DTC-4403 48mm(W) x 96mm(H) x 70mm(D) for DTC-4403 48mm(W) x 96mm(H) x 70mm(D) for DTC-4603Configuration Setting:Tum Off the Instrument. Now Short the terminals marked to option with event	Key Press Display Description To select the Input sensor type (Display \overrightarrow{P} for 2 seconds) Sensor Type (0~60° C) Press Set +\triangle \overrightarrow{P} (0~1250°C) Press Set +\triangle \overrightarrow{P} (-50.0~400.°C) Press Set +\triangle \overrightarrow{P} (-50.0~400.°C) Press Set +\triangle \overrightarrow{P} (-50.~400.°C) Press Set +\triangle \overrightarrow{P} (-50.~400.°C) Press To set Offset for Process value (Display \overrightarrow{P} (-99.9~99.9° C) This parameter is added to the Process value to the sensor. It can be changed by pressing Set +\triangle or Set + \bigtriangledown . Press \bigtriangledown to select Control Mode (Display \overrightarrow{P} (To 2 seconds) Control Mode \overrightarrow{D} On-Off Press Set +\bigtriangledown \overrightarrow{P} Time Proportional Process value at which the Relay must tum ON in On/off mode and can be changed by pressing Set +\triangle or Set +\bigtriangledown . Press \bigtriangledown To set Proportional Band in °C If Critr = "Pr" (Display \overrightarrow{P} (Display \overrightarrow{P} (Display \overrightarrow{P} (Display (D = Seconds) (Proportional (D = 1)<!--</th--><th>Key Press Display Description ●. Press ▽ To set Cycle Time In seconds If Cntr = "Pr" for 2 seconds) Cycle Time □□ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+△ or Set + ▽ . ● Press ▽ To set Relay Logic (Display □ ⊥ IJ (Display □ ⊥ IJ for 2 seconds) Relay logic □ ⊥ IJ Reverse Press Set + ▽ □ ⊥ □ Alarm-High Press Set + ▽ □ ⊥ □ Alarm-Low ● Press ▽ To determine the maximum set point limit or 2 seconds) Set point limit □ ┘ ┘ □ ° C Press Set + ▽ to change the Set point limit. Refer Table=1 for limits for various input types. ● Press ▽ to select Lock mode □ Enable (Display ⊥ ⊆ 示 for 2 seconds) Lock Mode □ Enable Press Set + ▽ 1 Disable This parameter determines whether the</th><th>Default Reset Values: I $\neg P$ J Pu05 C $\neg E$ Pu05 Pu05 Pu06 Pu07 Pu07 Pu08 Pu09 Pu09 Pu100 <td< th=""></td<></th>	Key Press Display Description ●. Press ▽ To set Cycle Time In seconds If Cntr = "Pr" for 2 seconds) Cycle Time □□ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+△ or Set + ▽ . ● Press ▽ To set Relay Logic (Display □ ⊥ IJ (Display □ ⊥ IJ for 2 seconds) Relay logic □ ⊥ IJ Reverse Press Set + ▽ □ ⊥ □ Alarm-High Press Set + ▽ □ ⊥ □ Alarm-Low ● Press ▽ To determine the maximum set point limit or 2 seconds) Set point limit □ ┘ ┘ □ ° C Press Set + ▽ to change the Set point limit. Refer Table=1 for limits for various input types. ● Press ▽ to select Lock mode □ Enable (Display ⊥ ⊆ 示 for 2 seconds) Lock Mode □ Enable Press Set + ▽ 1 Disable This parameter determines whether the	Default Reset Values: I $\neg P$ J Pu05 C $\neg E$ Pu05 Pu05 Pu06 Pu07 Pu07 Pu08 Pu09 Pu09 Pu100 Pu100 <td< th=""></td<>
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Operating and Instruction Manual: DTC-4303 /4203/4403/4503/4603 Version 2.0 Specifications: 1. Input: J /K / Pt-100 selectable 2. Control Action: On-Off / Time Proportional 3. Output: Relay 5A/230VAC Resistive 4. Op. Temperature: 0~50 Deg. 5. Supply: 230V AC +/- 15% 6. Resolution: 1 Deg/0.1 deg for Pt-100 7. Range: Pt-100 >- 50.0400.0 Deg. J -type -> 0~600 Deg. KType -> 0~1250 Deg. 8. Hysterists: 0~99 Deg. 10. Cycle Time: 1~99 seconds. 11. Manual Reset : 0~99 Deg. 12. Control Direction : Heat / Cool (For On/Off only) 13. Cutout: 92mm (W) x 48mm (H) for DTC-4303 68mm(W) x 68mm (H) for DTC-4403 44mm (W) x 44mm (H) for DTC-4403 44mm (W) x 92mm (H) for DTC-4403 44mm (W) x 92mm (H) for DTC-4403 44mm (W) x 92mm (H) for DTC-4403 48mm(W) x 92mm (H) for DTC-4403 48mm(W) x 92mm (H) x 100mm (D) for DTC-4403 48mm(W) x 48mm(H) x 100mm (D) for DTC-4403 48mm(W) x 48mm(H) x 70mm(D) for DTC-4403 48mm(W) x 96mm(H) x 70mm(D) for DTC-4403 48mm(W) x 96mm(H) x 70mm(D) for DTC-4403 48mm(W) x 96mm(H) x 70mm(D) for DTC-4603 Configuration Setting: Tum Off the Instrument. Now Short the terminals marked configuration and tum ON the unit. Now change the configuration parameters as below.After setting, tum OFF the Instrument, remove the shorting and tum ON the	Key Press Display Description To select the Input sensor type (Display \square for 2 seconds) Sensor Type (0~600° C) Press Set +\triangle \square (0~1250°C) Press Set +\triangle \square (-50.~400°C) Press Set +\triangle \square (-99.9~99.9° C) This parameter is added to the Process value to compensate for any offset error due to the sensor. It can be changed by pressing Set +\triangle or Set + ∇. Press ∇ to select Control Mode (Display \square (Display \square (Drest $=$ <	Key Press Display Description • Press \bigtriangledown To set Cycle Time In seconds if Cntr = "Pr" [Display] $\Box \Box \Box$ for 2 seconds) Cycle Time $\Box \Box$ (1~99 sec.) This parameter determines the total cycle time for the Proportional Action .Change value by pressing Set+ \triangle or Set $+ \bigtriangledown$. • Press \bigtriangledown To set Relay Logic (Display • Press \bigtriangledown To set Relay Logic (Display • Press \because To set Relay Logic (Display • Press \because To set Relay Logic (Display • Press Set $+ \bigtriangledown$ • Press Set $+ \bigtriangledown$ • Press \bigtriangledown • Dist limit • Display • Press \bigcirc • Press \bigcirc • Press \bigcirc • Display </th <th>Default Reset Values: I $\neg P$ I $\neg C \neg E$ $\square \square \square$ $\square \square \square \square$ $\square \square \square \square$ $\square \square \square \square$ $\square \square \square \square \square$ $\square \square \square \square \square \square$ $\square \square \square \square \square \square \square \square$ $\square \square$</th>	Default Reset Values: I $\neg P$ I $\neg C \neg E$ $\square \square \square$ $\square \square \square \square$ $\square \square \square \square$ $\square \square \square \square$ $\square \square \square \square \square$ $\square \square \square \square \square \square$ $\square \square \square \square \square \square \square \square$ $\square \square $
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