selec

DXT53 / DXT23
Operating Instructions

OP3231-V01



48x48 72x72

SPECIFICATIONS

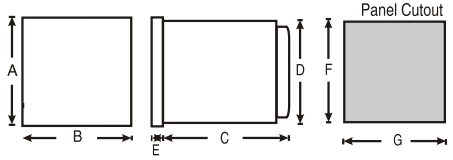
DISPLAY	**DXT53 :** 3 digit, 0.40" Height, Red 7 segment LED. **DXT23:** 3 digit,0.56" Height, Red 7 segment LED.
SET POINT	Single set point.
SUPPLY	90 to 270V AC/DC, 50/60 Hz,5VA max.
DELAY MODES	On delay / Interval.
TIME RANGES	9.99, 99.9, 999 sec 99.9, 999 min 99.9, 999 hr
TIME SETTING	By push wheel switches.
ACCURACY	±0.05% or 50 msec (whichever is greater).
START INPUT	Pulse Start.
RESET	1)Front panel reset. 2)Remote Reset. 3)On power interruption.
RESET TIME	Less than 100 msec.
COUNT DIRECTION	Down.
LED INDICATION	Relay status
OUTPUT	2 Relay (SPDT)
RELAY RATING	5A@ 250VAC / 24VDC,Resistive
MOUNTING	Panel mounting.
TEMPERATURE	**Operating:** 0 to 50°C **Storage:** -5 to 75° C.
HUMIDITY	95% RH (non condensing)
WEIGHT	DXT53 : 120 gms DXT23 : 210 gms

MECHANICAL INSTALLATION

PRODUCT CODE

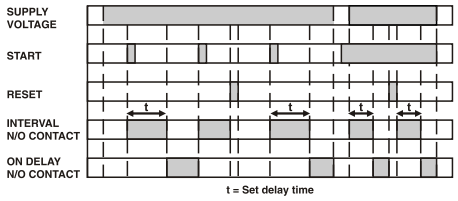
MODELS	DIGITS	BEZEL SIZE(mm)
DXT53	3	48 x 48
DXT23	3	72 x 72

OVERALL DIMENSIONS (All dimensions in mm)



DIM / MODELS	A	B	C	D	E	F	G
DXT53	52	52	76	45	3.5	46	46
DXT23	76	76	83.7	67	3.5	69	69

TIMING DIAGRAM



SAFETY PRECAUTIONS

Please maintain these instructions and Review them prior to using the unit:

⚠ Warning:

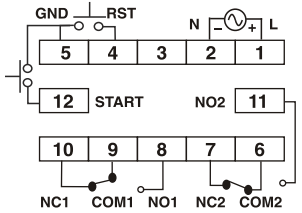
1. This unit is panel mounted type with its output terminals getting connected to the host equipment. Such equipment shall also comply with basic EMI/EMC and safety requirements like BS EN 61326-1 and BS EN 61010 respectively.
2. To avoid electric shock, power supply of the unit should be kept off while wiring. Wiring should be done strictly as per the terminal layout, given in the manual.
3. Use lugged terminals to meet M3 screws.

⚠ Caution:

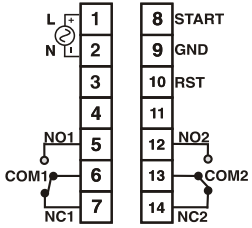
1. This unit is not intended for outdoor use.
2. The power connection cable must have a cross-section of atleast 1mm^2 and insulation capacity of atleast 1.5kV.
3. The output connections must not be loaded beyondthespecified values/range.
4. Avoid inflow of dust and contact of conductive material with the internal circuitry of the unit.
5. The unit must not operate in presence of heating sources, caustic vapors, oil, steam, vibration or impact etc.
6. Use clean soft cloth for cleaning. Do not use any organic solvents like Isopropyl alcohol. Care must be taken to avoid entry of water into the circuitry through the ventilation holes.

TERMINAL CONNECTIONS

DXT53



DXT23



DIP SWITCH SETTING

DIP SWITCH SETTINGS FOR MODE

MODE	SW 1
ON DELAY	OFF
INTERVAL	ON

DIP SWITCH SETTINGS FOR TIME RANGE

RANGE	SW2	SW3	SW4
9.99 sec	OFF	OFF	OFF
99.9 sec	OFF	OFF	ON
999 sec	OFF	ON	OFF
99.9 min	OFF	ON	ON
999 min	ON	OFF	OFF
99.9 hr	ON	OFF	ON
999 hr	ON	ON	ON

DIP SWITCH SETTING EXAMPLE

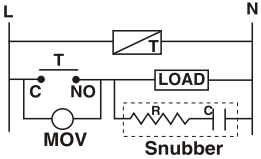


Mode - INTERVAL

Range - 99.9 Sec.

NOTE : DIP switch for range and mode settings is on the side of the Instrument.

LOAD CONNECTIONS



1) Snubber Part No.: APRC - 01.
2) MOV Part No.: AP-MOV - 03.
Note: For inductive loads, use of snubber and MOV, as shown above, is recommended.

(Specifications are subject to change, since development is a continuous process)

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