OPERATING INSTRUCTIONS XT56-N/564-N/264/364

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.
- 4. The unit does not have a built-in fuse. External fuse with a rating of 275VAC/1A is recommended.

⚠ Caution:

- 1. This unit is not intended for outdoor use.
- 2. The power connection cable must have a cross-section of atleast 1mm² and insulation capacity of atleast 1.5kV.
- 3. The output connections must not be loaded beyond the specified 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.

SPECIFICATIONS

DISPLAY

XT56-N/564-N: 3 digit. 0.3" Height. Red LED. XT264-2/364-2: 2 digit, 0.5" Height, Red LED. XT264-3/364-3: 3 digit, 0.5" Height, Red LED.

SET POINT

Single set point. SUPPLY (FACTORY SET)

90 to 270V AC/DC, AC: 50 or 60 Hz.

DELAY MODES

24V AC/DC On delay / Interval.

TIME RANGES

XT56-N/564-N/264-3/364-3:

9.99, 99.9, 999 sec. 99.9, 999 min. 99.9 hr. XT264-2/364-2: 9.9. 99sec. 9.9. 99min. 9.9hr.

TIME SETTING

By push wheel switches.

ACCURACY

XT56-N: ±0.05% or 50 msec.

(whichever is greater) XT564-N/264/364: ±0.5% or 50 msec.

(whichever is greater)

START INPUT

Pulse Start

RESET

- 1) Front panel reset.
- 2) Remote reset.
- 3) On power interruption.

RESETTIME

Less than 100 msec.

COUNT DIRECTION

Down

LED INDICATION

Relay status.

OUTPUT

XT56-N/264/364: 2NO/NC XT564-N: 1NO/NC.

RELAY RATING

5A@ 230VAC/24VDC

MOUNTING

Panel mounting.

HOUSING

CE marked products: Flame retardant plastic. Non CE products: ABS plastic.

TEMPERATURE

Operating: 0 to 50°C Storage: -5 to 55° C.

HUMIDITY

95% RH

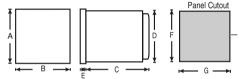
WEIGHT (ams)

XT56-N: 170, XT564-N: 200, XT264: 325, XT364: 350

PRODUCT CODE

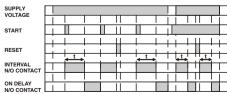
MODELS	DIGITS	BEZEL SIZE(mm)
XT56-N	3	48 x 48
XT564-N	3	48 x 48
XT264-2	2	72 x 72
XT264-3	3	72 x 72
XT364-2	2	96 x 96
XT364-3	3	96 x 96

OVERALL DIMENSIONS (All dimensions in mm)



N	DIM IODELS	Α	В	С	D	Е	F	G
	XT56-N	48	48	100	45	7	46	46
>	KT564-N	48	48	100	45	7	46	46
	XT264	72	72	115	68	10	69	69
	XT364	96	96	70	90	10	92	92

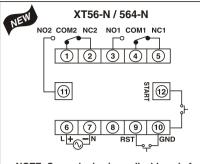
TIMING DIAGRAM



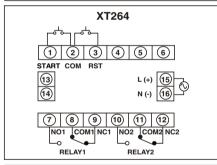
t = Set delay time

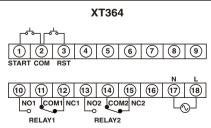
Document name: Operating/0804/XT56-N/564-N/264/364 ver2 OP-155-V02 Page 1 of 2

TERMINAL CONNECTIONS



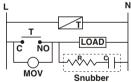
NOTE: Second relay is applicable only for XT56-N only. XT564-N is 1C/O.





TERMINAL	TERMINALS FOR				
DESCRIPTION	XT56-N	XT564-N	XT264	XT364	
L (Live)	6	6	15	18	
N (Neutral)	7	7	16	17	
COM of relay 1	4	4	8	11	
NO of relay 1	3	3	7	10	
NC of relay 1	5	5	9	12	
COM of relay 2	1	-	11	14	
NO of relay 2	11	-	10	13	
NC of relay 2	2	-	12	15	
START input	12 - 10	12	1 - 2	1 - 2	
RESET input	9 - 10	9	3 - 2	3 - 2	
GND (COM)	10	10	2	2	

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.

DIP SWITCH SETTINGS FOR MODE

MODE	SW 1		
(2 / 3 digit)			
ON DELAY	OFF		
INTERVAL	ON		

DIP SWITCH SETTINGS FOR TIME RANGE

RANGE		CWO	CWG	SW4	
2 digit	3 digit	SW2	SW3	5W4	
9.9 sec	9.99 sec	OFF	OFF	OFF	
99 sec	99.9 sec	OFF	OFF	ON	
9.9 min	999 sec	OFF	ON	OFF	
99 min	99.9 min	OFF	ON	ON	
9.9 hr	999 min	ON	OFF	OFF	
	99.9 hr	ON	OFF	ON	

DIP SWITCH SETTING EXAMPLE



Mode - INTERVAL Range - 99.9 Sec.

Hange - 99

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

(Specifications subject to change as development is a continuous process).

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Document name: Operating/0804/XT56-N/564-N/264/364 ver2 OP-155-V02 Page 2 of 2