

On Delay Timer

(R-100) (R-100A)



Relay on/off indication

KNOB
(for time range setting)

Power on indication of timer

Power supply

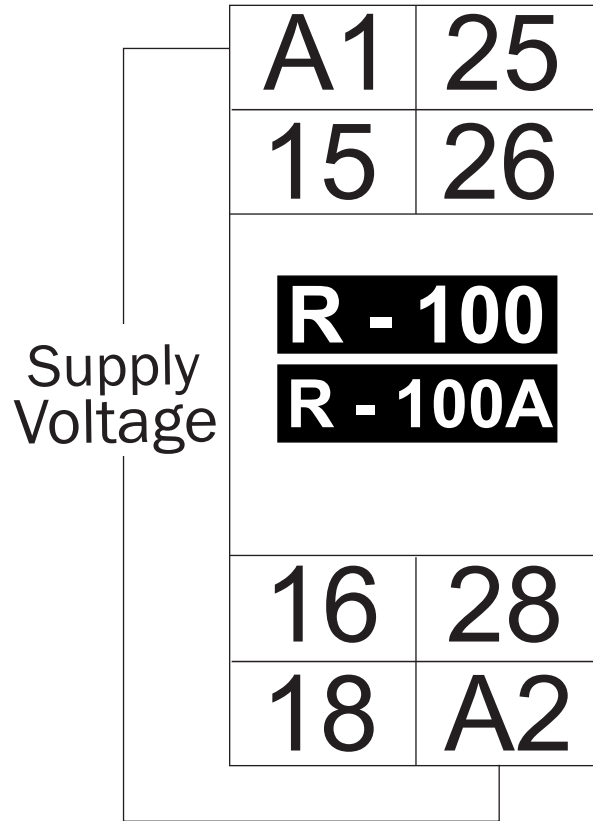
230VAC , $\pm 20\%$ 50Hz
415VAC , $\pm 20\%$ 50Hz
24VAC/DC
110VAC , $\pm 20\%$ 50Hz (Optional)

Time range

0-60 Second / 0-30 Second

Output

1st Relay
(1 c/o , 5 - AMP , 250 VAC)
(Resistive)



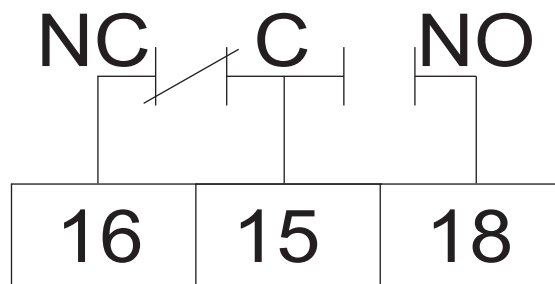
INPUT Voltage

A1 & A2 Aux.
Supply 230VAC , ± 20% 50/60Hz

CONTACT

1st Relay,
5A , 250VAC (Resistive)

Relay



Star Delta Timer

(SD-100)



LED indication (Relay - 2)
(Visualisation of delta connection)

KNOB
(for time range setting)

LED indication (Relay - 1)
(Visualisation of delta connection)

Power supply

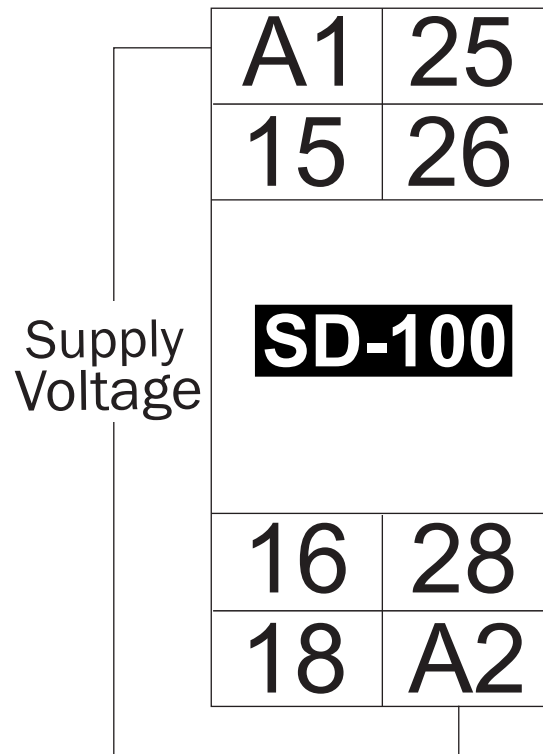
230VAC , ±20% 50Hz
415VAC , ±20% 50Hz (Optional)

Time range

0-60 Second / 0-30 Second
Pause time - 50ms / 100ms
(Selection by switch setting)

Output

1st Relay
(1 c/o , 5 - AMP , 250 VAC)
(Resistive)
1st Relay for star connection & 2nd Relay
for delta connection



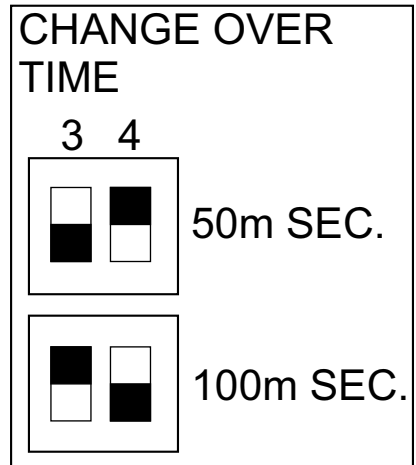
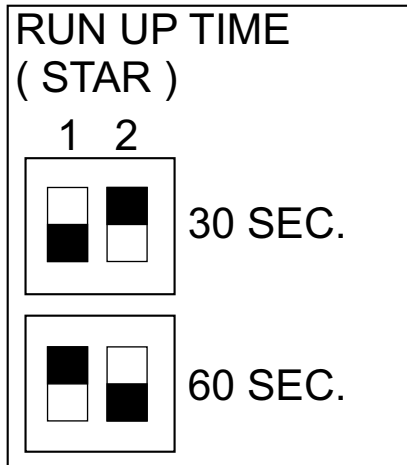
INPUT Voltage

A1 & A2 Aux.
Supply 230VAC , 50/60Hz , 7 VA

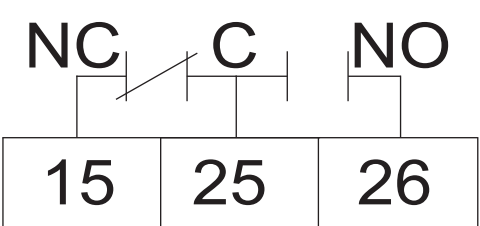
CONTACT

2nd Relay,
C/O , 5A , 250VAC (Resistive)

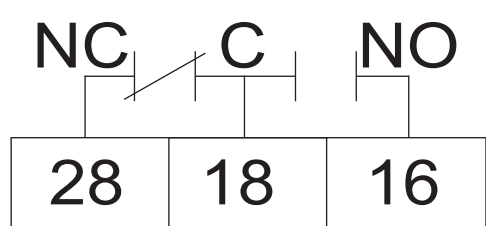
SWITCH SETTING



STAR



DELTA



Forward Reverse Timer

(XMR-100)



1st Relay o/p for forward time (Relay-1)

KNOB
(for forward & reverse setting)

KNOB
(for pause time setting between forward & reverse function)

2nd Relay o/p for reverse time (Relay-2)

Power supply

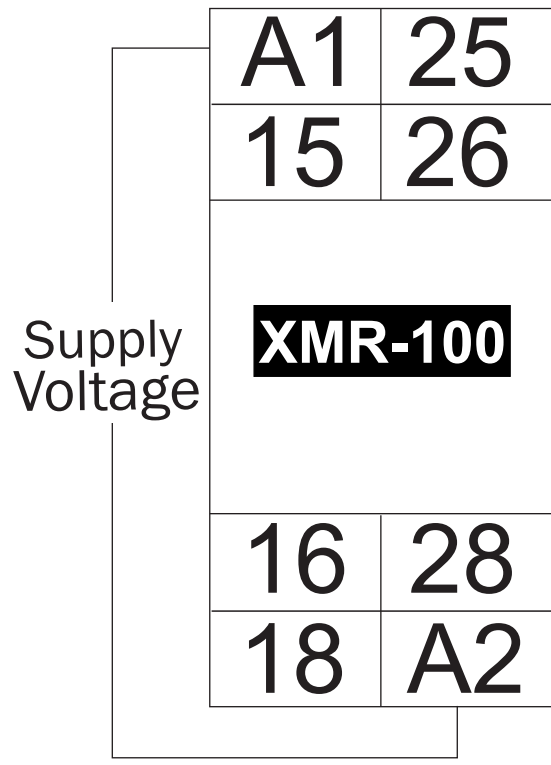
230VAC , ± 20% 50Hz
415VAC , ± 20% 50Hz —Optional

Time range

0-1sec , 0-10sec , 0-30sec , 0-100sec,
0-10min , 0-30min , 0-100min , 0-10hrs
Pause time (0-100sec)

Output

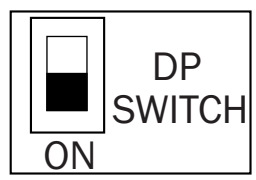
2nd Relay
(1 c/o , 5 - AMP , 250 VAC)
(Resistive)
1st Relay for forward function & 2nd Relay
for reverse function



INPUT Voltage

A1 & A2 Aux. Supply 230VAC, 50/60Hz , 5A , 250VAC (Res.)

SW-1	SW-2	SW-3	Range
ON	ON	ON	1 Sec
OFF	ON	ON	10 Sec
ON	OFF	ON	30 Sec
OFF	OFF	ON	100 Sec
ON	ON	OFF	10 Min
OFF	ON	OFF	30 Min
ON	OFF	OFF	100 Min
OFF	OFF	OFF	10 Hrs

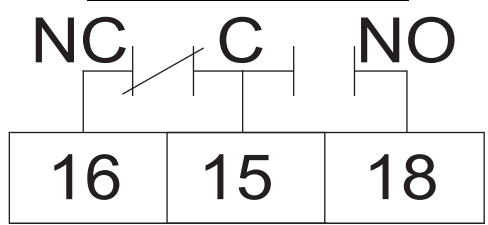


SW - 4 for PAUSE time

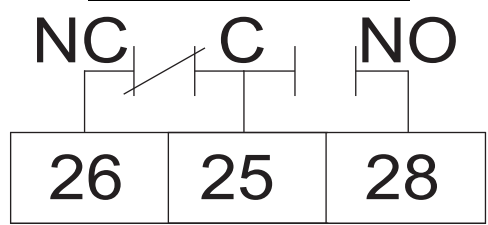
SW-4	Range
ON	10 Sec
OFF	100 Sec

SW-5	Mode
ON	ON First
OFF	OFF First

FORWARD



REVERSE



Cyclic Timer

(C-100U)



LED indication of relay (Relay indication)

KNOB
(for on time setting)

KNOB
(for off time setting)

Power on LED indication

Power supply

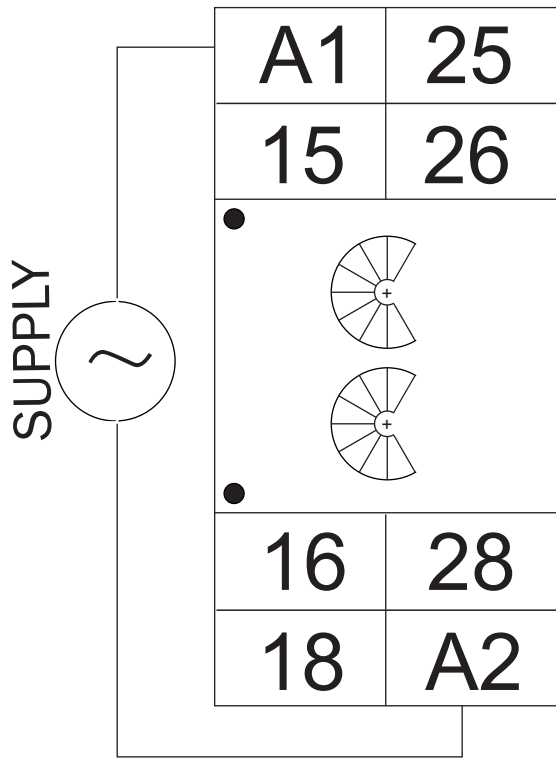
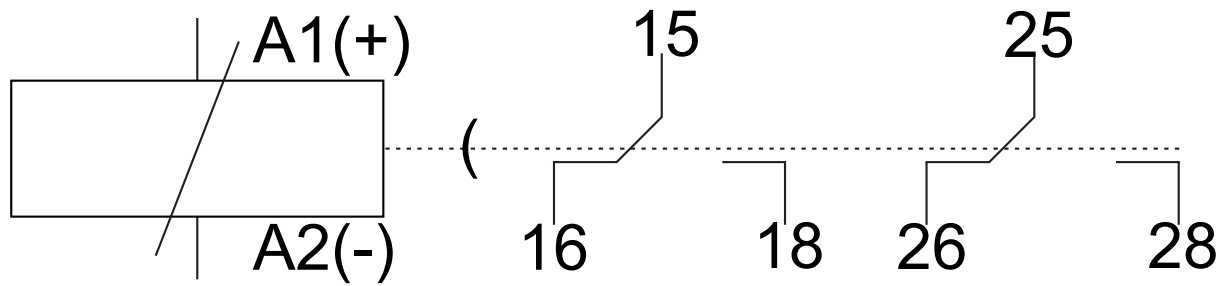
20VAC - 270VAC
12VDC - 270VDC (AC - 50/60Hz)

Time range

0.1 Sec to 10 Hrs

Output

2nd Relay
(1 c/o , 5 - AMP , 250 VAC)
(Resistive)



SUPPLY
A1 , A2
20V to 270VAC
12V to 270VDC
AC : 50/60 Hz. 2 Va max.

CONTACT
2nd Relay,
C/O , 5A , 250VAC (Resistive)

SWITCH SETTING

OFF TIME		ON TIME		TIME RANGE
1	2	6	7	
				1 SEC
				1 MIN
				1 HR

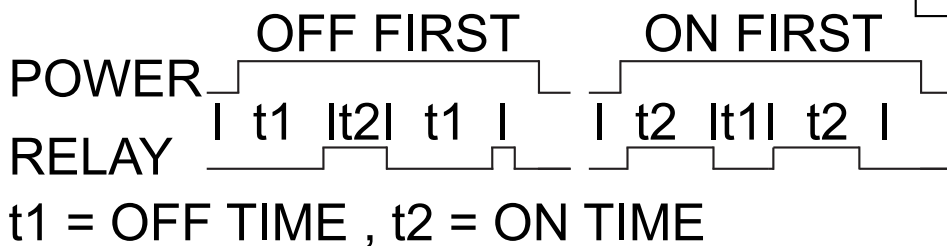
3	8	MULTIPLIER
		x 1
		x 10

DIR

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4	5	
		ON First
		OFF First



Water Level Controller

(WLC-100)



LED indication (Power on indication)

LED indication (Water level is high)

KNOW
(for adjusting sensitivity according to conductivity of water)

LED indication (Water level is low)

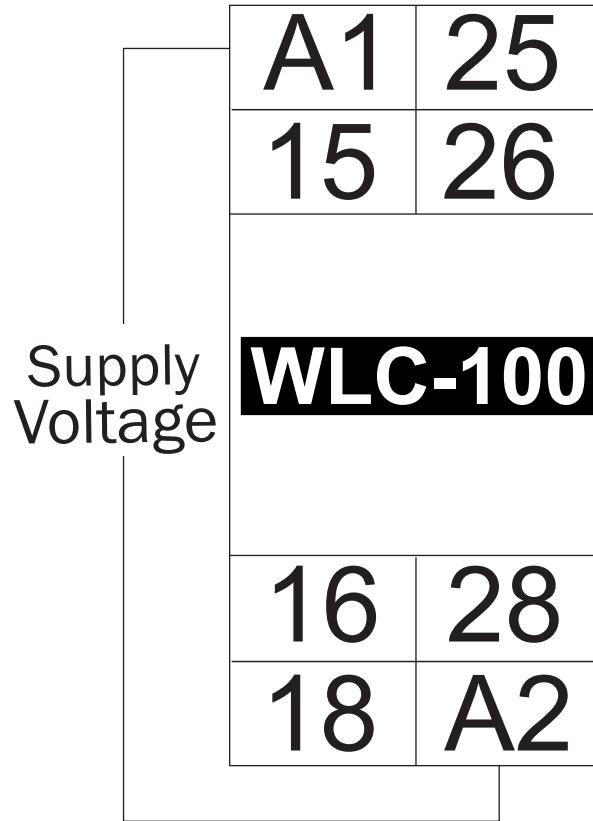
Relay on/off indication

Power supply

100VAC - 270VAC , 50 Hz
(SMPS supply)

Output

1st Relay
(1 c/o , 5 - AMP , 230 VAC)
(Resistive)



INPUT Voltage

A1 & A2 Aux.
Supply 100 to 270VAC
SMPS, 50/60Hz, 7 VA

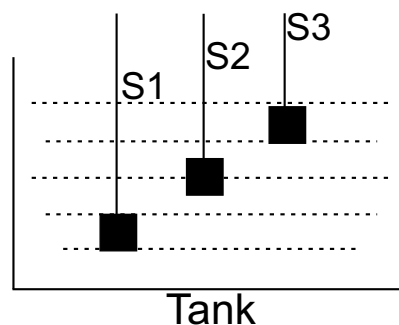
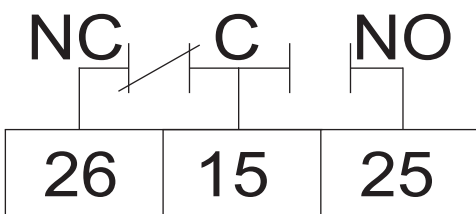
OUTPUT

1st Relay,
1 C/O , 5A , 250VAC (Resistive)

Sensor Terminal

16 :- Common
28 :- LOW
18 :- HIGH

Relay



16 = S1
28 = S2
18 = S3

On Delay/Interval Timer

(MQ-100)



Relay on/off indication

KNOB
(for time rang setting)

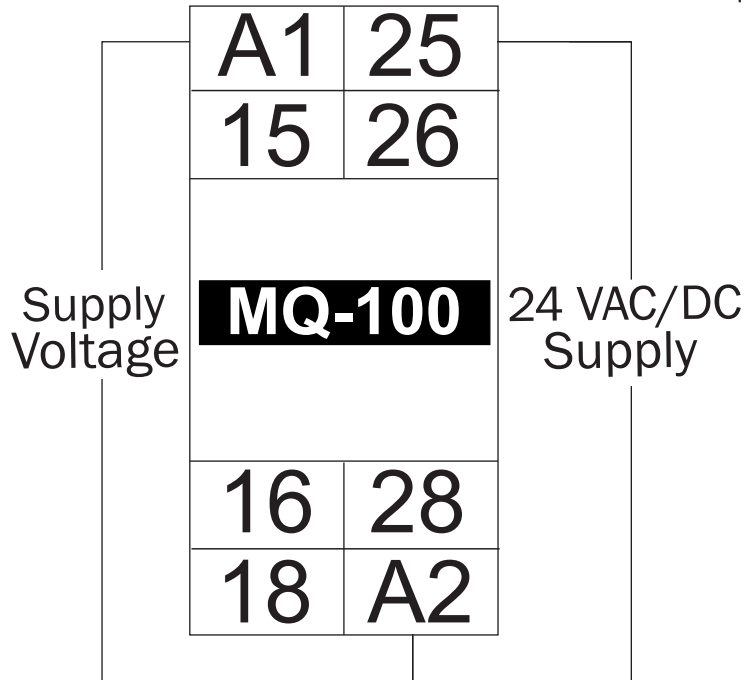
LED indication (Power on indication)

Power supply

230VAC , $\pm 20\%$ 50Hz
24VAC/DC
415VAC , $\pm 20\%$ 50Hz (Optional)

Output

1st Relay
(1 c/o , 5 - AMP , 230 VAC)
(Resistive)



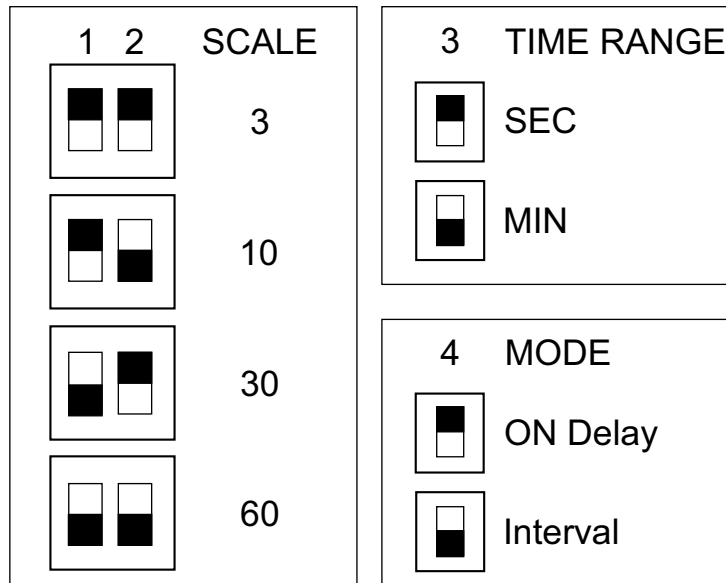
INPUT Voltage

A1 & A2 Aux.
Supply 230VAC or 24VAC/DC
50/60Hz , 7 VA

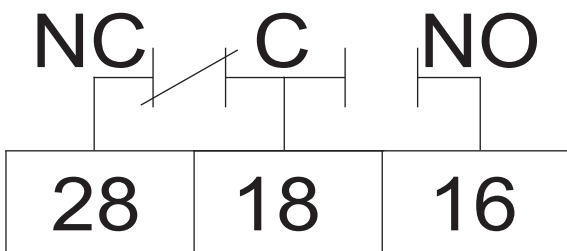
CONTACT

1st Relay,
1 C/O , 5A , 250VAC (Resistive)

SWITCH SETTING



Relay



On Delay/Interval Timer

(XU-100)



Relay on/off indication

KNOB
(for time rang setting)

LED indication (Power on indication)

Power supply

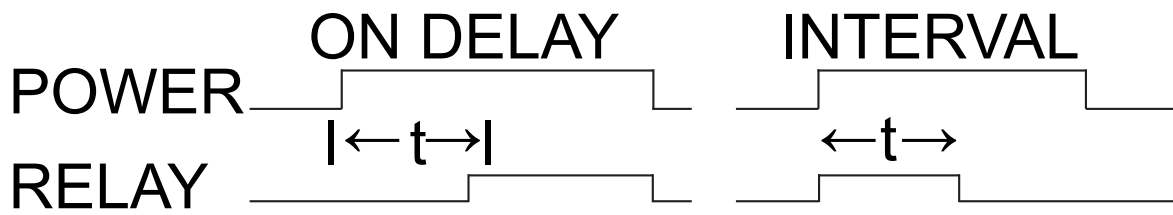
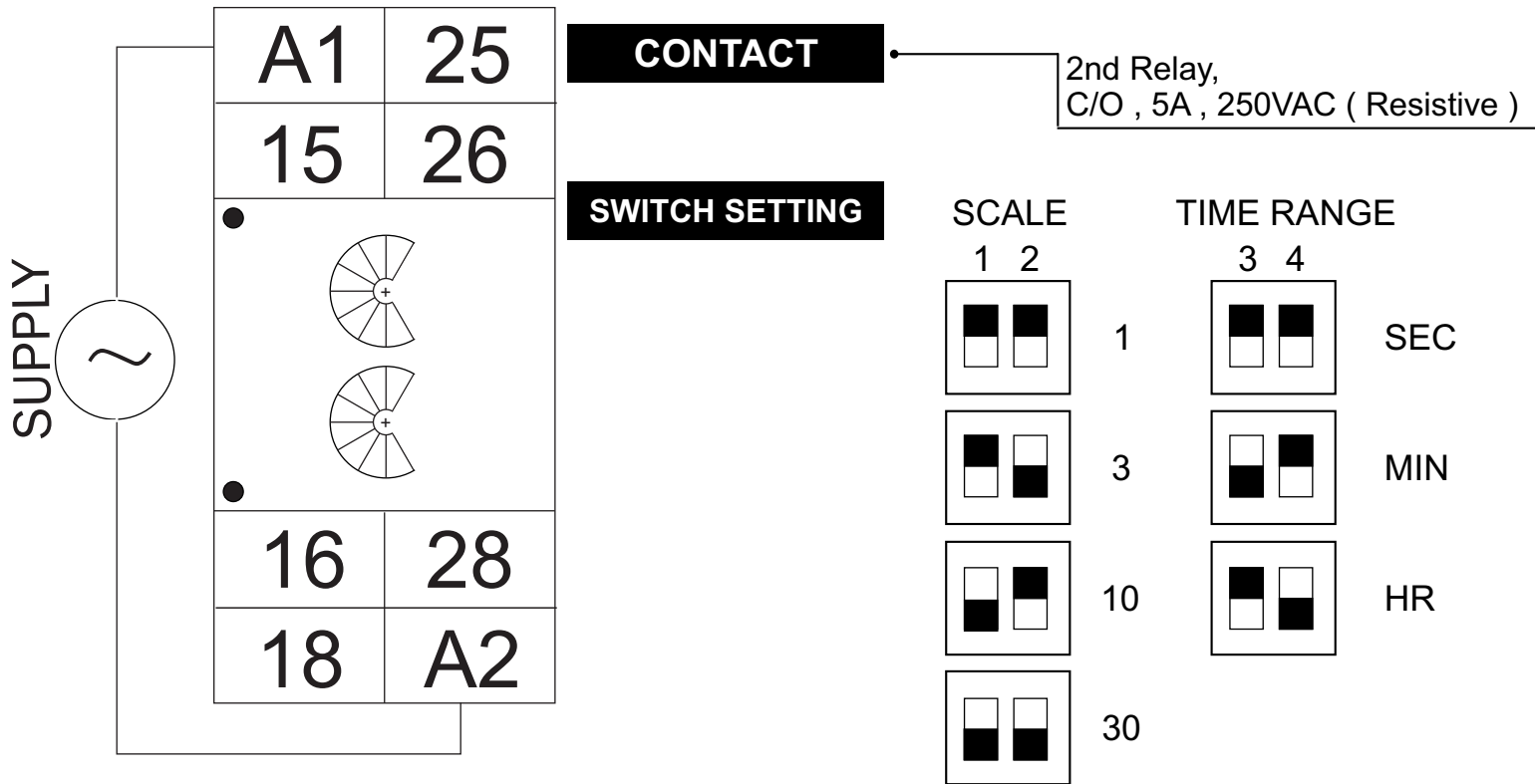
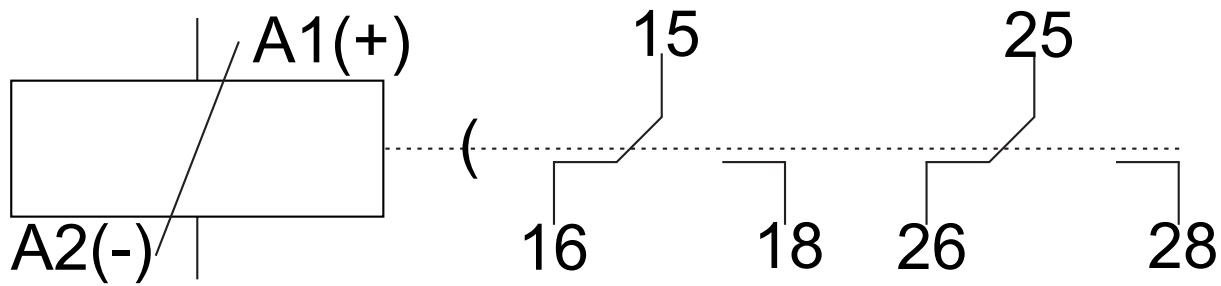
20VAC - 270VAC
12VDC - 270VDC (50/60Hz)

Time range

0.1 Sec to 30 Sec , Min , Hrs

Output

2nd Relay
(1 c/o , 5 - AMP , 250 VAC)
(Resistive)



t = Set time

On Delay/Interval Timer

(XA-100)



Relay on/off indication

KNOB
(for time rang setting)

Power on LED indication

Power supply

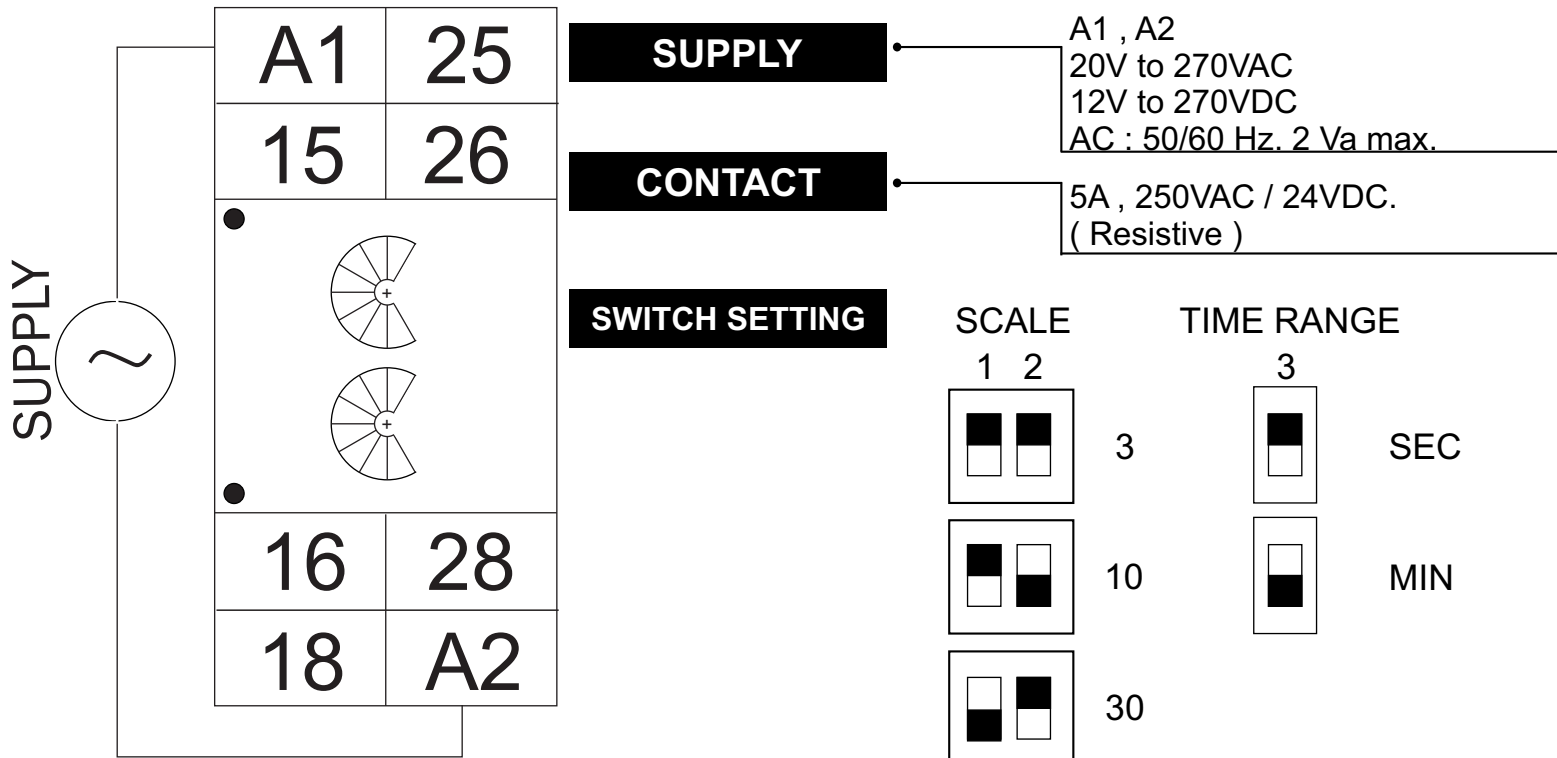
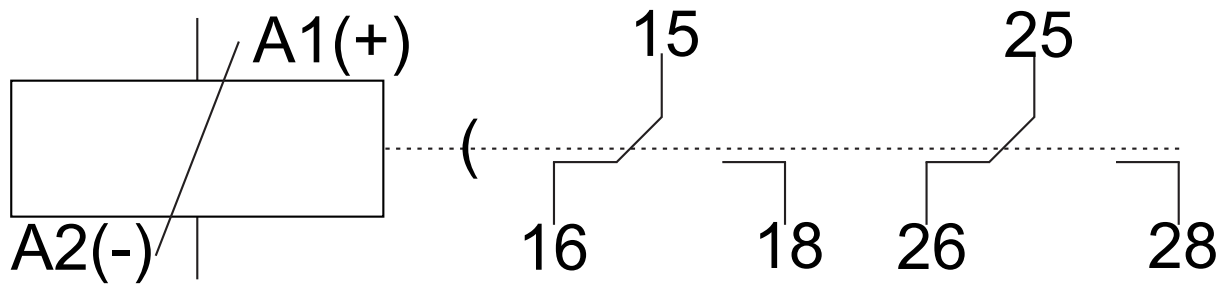
20VAC - 270VAC
12VDC - 270VDC (50/60Hz)

Time range

0.1 Sec to 60 Sec , Min

Output

1st Relay
(1 c/o , 5 - AMP , 250 VAC)
(Resistive)



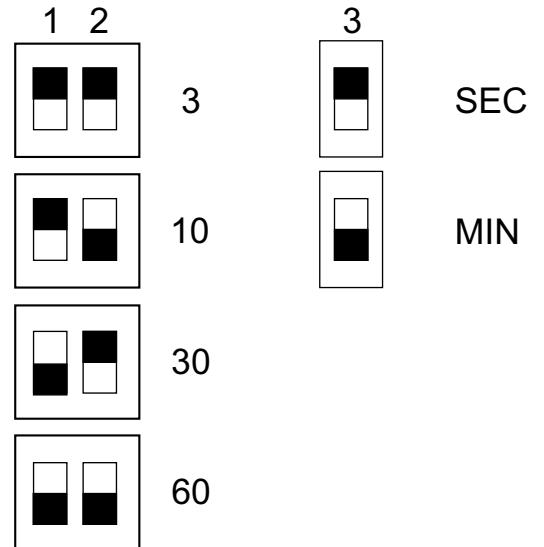
SUPPLY
 A1 , A2
 20V to 270VAC
 12V to 270VDC
 AC : 50/60 Hz. 2 Va max.

CONTACT
 5A , 250VAC / 24VDC.
 (Resistive)

SWITCH SETTING

SCALE

TIME RANGE



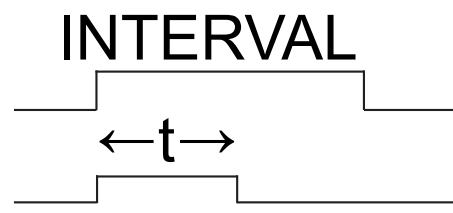
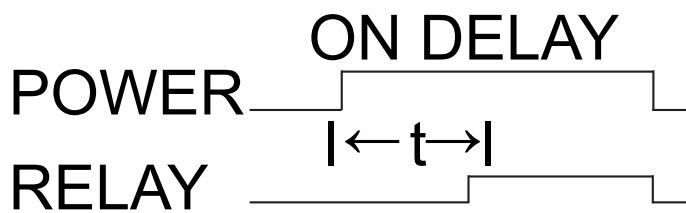
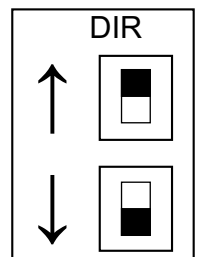
4 MODE



ON Delay



INTERVAL



t = Set time