

## SPECIFICATIONS

### Supply voltage

**55XU** : 20 to 240V AC, 12 to 240V DC,  
**55XC** 50/60 Hz

**55ES** : 230V AC / 110V AC / 24V AC / DC,  
50/60 Hz

**55M** : 230V AC / 110 V AC / 24V AC / DC

**55Q** : 230V AC

### Output contact

**55XU** : 2C/O (DPDT).

**55XC** : 2C/O (DPDT).

**55ES** : 1C/O (SPDT).

**55M** : 2C/O (DPDT).

**55Q** : 1C/O (SPDT) or  
2C/O (DPDT) (Factory Set)

### Relay rating

5A @ 230V AC / 24V DC, Resistive

### Power Consumption

**55XU/XC** : 3 VA max

**55ES** : 6 VA max

**55M/Q** : 8 VA max

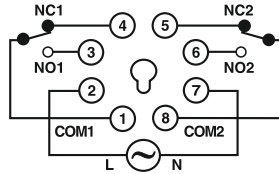
### Accuracy

Setting : ± 5% of full scale.

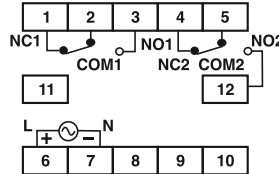
Repeat : ±0.5% or 50 msec  
(whichever is greater).

## TERMINAL CONNECTIONS

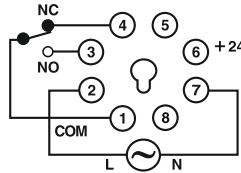
### 8 PIN PLUG-IN TYPE



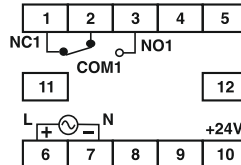
### TERMINAL TYPE



### 8 PIN PLUG-IN TYPE



### TERMINAL TYPE



## MODE AND RANGE SELECTION [Dip switch settings for time range selection]

### 55ES / Q

| RANGE | SW1 | SW2 | SW3 |
|-------|-----|-----|-----|
| 3sec  | OFF | OFF | OFF |
| 10sec | OFF | ON  | OFF |
| 30sec | ON  | OFF | OFF |
| 60sec | ON  | ON  | OFF |
| 3min  | OFF | OFF | ON  |
| 10min | OFF | ON  | ON  |
| 30min | ON  | OFF | ON  |
| 60min | ON  | ON  | ON  |

### Dip switch settings for mode selection

| MODE     | SW4 |
|----------|-----|
| ON Delay | OFF |
| Interval | ON  |

### 55XU / M

| RANGE | SW1 | SW2 | SW3 | SW4    |
|-------|-----|-----|-----|--------|
| 1sec  | OFF | OFF | OFF | OFF    |
| 3sec  | OFF | ON  | OFF | OFF    |
| 10sec | ON  | OFF | OFF | OFF    |
| 30sec | ON  | ON  | OFF | OFF    |
| 1min  | OFF | OFF | OFF | ON     |
| 3min  | OFF | ON  | OFF | ON     |
| 10min | ON  | OFF | OFF | ON     |
| 30min | ON  | ON  | OFF | ON     |
| 1hr   | OFF | OFF | ON  | OFF/ON |
| 3hr   | OFF | ON  | ON  | OFF/ON |
| 10hr  | ON  | OFF | ON  | OFF/ON |
| 30hr  | ON  | ON  | ON  | OFF/ON |

### Dip switch settings for mode selection

| MODE     | SW5 |
|----------|-----|
| ON Delay | OFF |
| Interval | ON  |

### Switch setting example :

RANGE : 30sec.  
MODE : On delay



### 55XC

### OFF TIME

| RANGE | SW1 | SW2 | SW3 |
|-------|-----|-----|-----|
| 1sec  | OFF | OFF | ON  |
| 1min  | ON  | OFF | ON  |
| 1hr   | OFF | ON  | ON  |
| 10sec | OFF | OFF | OFF |
| 10min | ON  | OFF | OFF |
| 10hr  | OFF | ON  | OFF |

### ON TIME

| RANGE | SW6 | SW7 | SW8 |
|-------|-----|-----|-----|
| 1sec  | OFF | OFF | ON  |
| 1min  | ON  | OFF | ON  |
| 1hr   | OFF | ON  | ON  |
| 10sec | OFF | OFF | OFF |
| 10min | ON  | OFF | OFF |
| 10hr  | OFF | ON  | OFF |

### Dip switch settings for mode selection

| MODE      | SW4 | SW5 |
|-----------|-----|-----|
| OFF First | ON  | OFF |
| ON First  | OFF | ON  |

### Switch setting example :

OFF time range : 1sec  
ON time range : 10min  
MODE : Cyclic off first



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

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