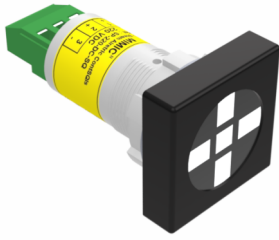


**MIMIC**

# Semaphore indicator Ø22.5mm Square

Brand :- **MIMIC**Model : **MIMIC-SP-22-SQ**

## Salient Features

1. Voltage: **24V, 48V, 110V, 125, 220, 250 VDC**
2. Mounting : **Panel mounting**
3. Body : **PBT Fire retardant**
4. 100 % **Made in India product.**
5. Model name :- **MIMIC-SP-22-SQ**
6. Indoor duty :- **IP 52**
7. **LED Based having long life, 50000 hours**
8. Cutout size:- **Ø22.5mm**

## Technical Specification

- ◆ Insulation voltage:- AC, DC 1000V
- ◆ Operational Voltage:- 24V,48V,110V,125,220,250VDC
- ◆ Voltage Fluctuation Range :-  $\pm 15\%$
- ◆ Rated Operational Current :- 11mA max
- ◆ Insulation Resistance :- 1000m $\Omega$  over
- ◆ Impulse Withstand Voltage :- +4500V, 3Times For Each Pole(1.2/50 $\mu$ s)
- ◆ Shock Resistance :- 490m/s<sup>2</sup>
- ◆ Durability :- Over 10000 cycles
- ◆ Degree Of Protection :- IP52
- ◆ Operating Temperature :- -20 to 60° c
- ◆ Storage Temperature :- -30 to 75° c
- ◆ Relative Humidity :- 45 to 85 %
- ◆ Altitude :- Max 2000m
- ◆ Compatible Copper Conductor :- AWG 20 to14
- ◆ Mounting Plate Thickness :- 1 to 6 mm
- ◆ Confirming to Standard :- IEC 60947-5-1  
IEC 60947-1

## Ordering Code :-

Sr. No.	Code :-	Details :-
S7	MIMIC-SP-22-24-DC-SQ	MIMIC LED Semaphore Indicator 22.5 Cutout Voltage 24 VDC - Square
S8	MIMIC-SP-22-48-DC-SQ	MIMIC LED Semaphore Indicator 22.5 Cutout Voltage 48 VDC - Square
S9	MIMIC-SP-22-110-DC-SQ	MIMIC LED Semaphore Indicator 22.5 Cutout Voltage 110 VDC - Square
S10	MIMIC-SP-22-125-DC-SQ	MIMIC LED Semaphore Indicator 22.5 Cutout Voltage 125 VDC - Square
S11	MIMIC-SP-22-220-DC-SQ	MIMIC LED Semaphore Indicator 22.5 Cutout Voltage 220 VDC - Square
S12	MIMIC-SP-22-250-DC-SQ	MIMIC LED Semaphore Indicator 22.5 Cutout Voltage 250 VDC - Square



Certificate of conformity is awarded to

### Steam Airetric controls

In recognition of the organization's compliance to relevant clauses of Low Voltage Directive 2014/35/EU and in conformity with the harmonized standards

**EN 60947-5-1:2017**

for the product

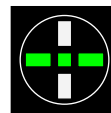
### Indicator Light

(Semaphore Round 22mm Diameter, Semaphore Square 22mm Diameter, Semaphore Indicator 30.5mm Diameter, Semaphore Indicator 32mm Diameter, Semaphore Indicator 42mm Diameter, Semaphore Indicator 72mm Diameter)

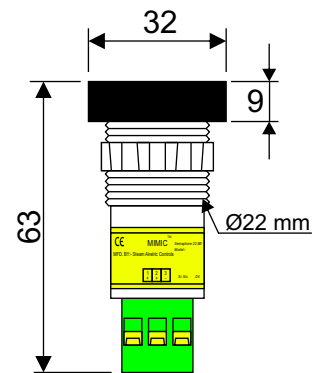
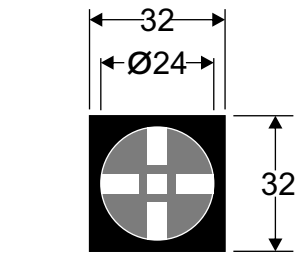
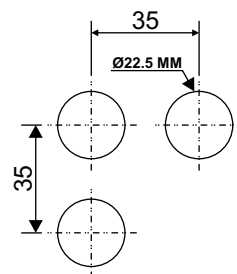
Certificate number  
CE/IN/006Report No./TCF  
Reference  
SAC/CE/TCFDate of issue  
31 st May, 2018

## Applications:-

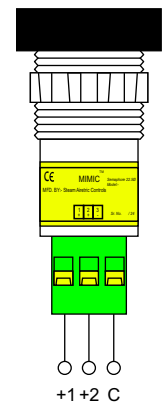
- Used in situations that require visual simulation of the circuit or operating state of a device & indication of the fault position in addition to the 'ON' & 'OFF' positions.
- Suitable for monitoring power breakers & disconnectors in complex transformers substations which are represented in form of mimic diagrams of relatively small dimensions.
- Suitable for automatic status indication of isolators, earth switches, circuit breakers & PT ON/OFF etc. on 'MIMIC' diagrams.

**Circuit Breaker close****Circuit Breaker open**

### Panel cutout Dimensions



### Connection diagram



+1 : Red Vertical  
+2 : Green Horizontal  
C : Common

### Steam Airetric Controls

Plot No A/34, Additional Ambernath MIDC, Anand Nagar,  
Ambernath(East), Dist. Thane,  
Maharashtra, India, 421506

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