

**PART OF
SECTION**



LED LAMP REPLACEMENTS
FLUSH MOUNT LED HOLDERS
SEGMENT LED DISPLAYS
LED DRIVER SURGE
PROTECTION

-



MIMIC COMPONENTS

 Mimic Cape



S - Normally Stock
L - Limited Stock
O - Ex Order



Solid State LED Semaphores for Modern Panels

ADDA ERS-22 and ADDA ERS-22-LP

- Cutout: Ø22mm
- Voltages: 24, 32, 60, 110 & 220V
DC only Direct Connect
- Colours: Red (Large Bar)
Deep green (Side Bars)
Other Colours on Special Order
- Current: 4mA



ADDA ERS - 22 - LP

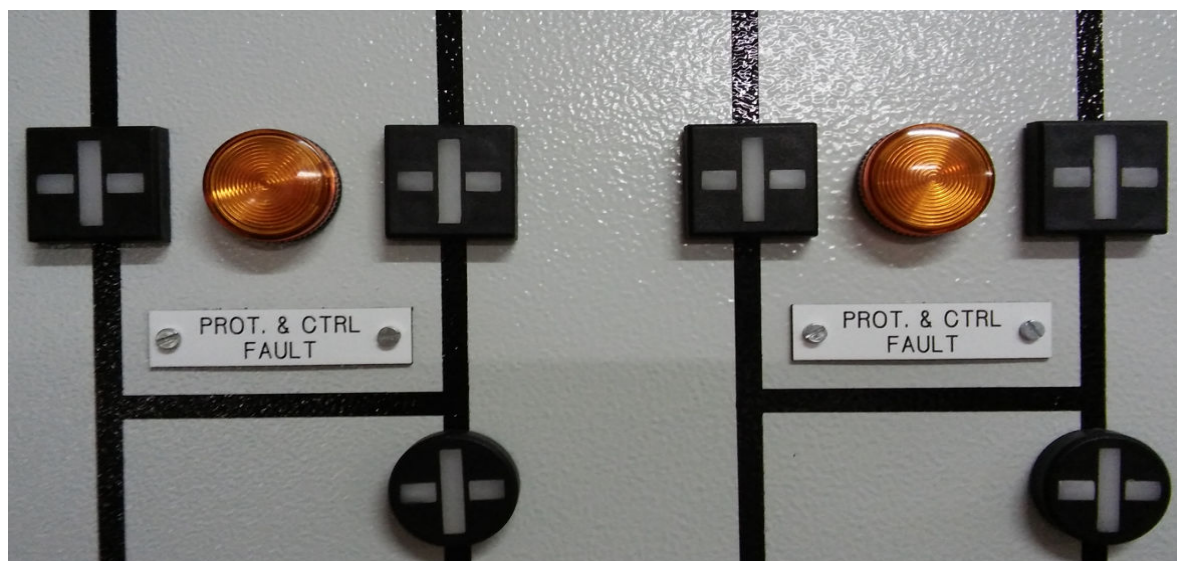
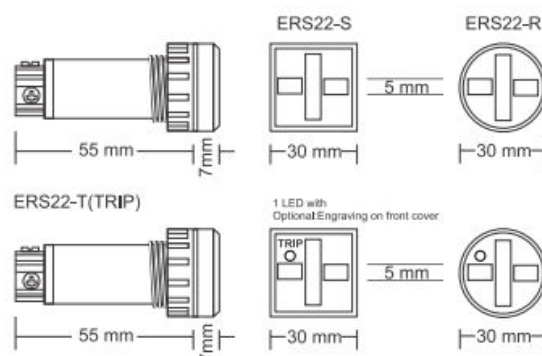
- New low profile bezel matches with the ND22 low profile light range.

These top of the range LED Semaphores have large, bright, even bars using high bright Red & Green SMD LED's to rear illuminate the white bars. They are available with round or square bezels & have a standard Ø22mm thread.

These Semaphores give you an automatic status indication of circuit breakers, isolators & earth switches on mimic diagrams of control panels..A wide range of voltages are available from 24 to 220VDC.

Other colours other than Red & Green can be done on Special order.

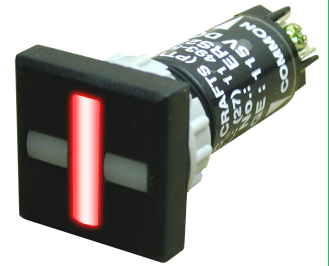
- Power consumption only 4mA.
- Top of the range Semaphore.
- Large bright, even bars with particularly good Green (True Green).
- Ultra bright direct view LED's (not film like other types), this means that less power can be used and brighter clearer definition is obtained. Totally encapsulated thus electronics cannot corrode and heat is well dissipated.
- EX rated models on Special Order.
- New low profile bezel matches with the ND22 low profile pilot light range.



ADDA ERS-22 & ERS-22-LP ELITE SEMAPHORE RANGE**LOW PROFILE LED SEMAPHORES (ENCAPSULATED)**

These top of the range LED Semaphores have large, bright, even bars using high bright Red & Green SMD LED's to rear illuminate the white bars. They are available with round or square bezels & have a standard $\varnothing 22\text{mm}$ thread. These Semaphores give you an automatic status indication of circuit breakers, isolators & earth switches on mimic diagrams of control panels. A wide range of voltages are available from 24 to 220VDC. Other colours other than Red & Green can be done on special order.

- Power consumption only 4mA.
- Top of the range Semaphore.
- Large bright, even bars with particularly good green (True Green).
- Ultra bright direct view LED's (not film like other types)
this mean that less power can be used and brighter clearer definition is obtained.
- Totally encapsulated thus electronics cannot corrode and heat is well dissipated.
- EX rated models on special order.
- New low profile bezel matches with the ND22 low profile pilot light range.

**Part No: ERS22**

Termination by ring or fork lugs, ring lugs often specified as they prevent terminals falling out.

Cutout: $\varnothing 22\text{mm}$

24, 32, 60, 110 & 220V DC Only

Direct connect

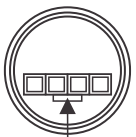
Colours: Red (Large bar),
Deep Green (Side bars).
Other colours on special order

Current: 4mA

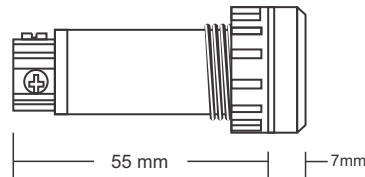
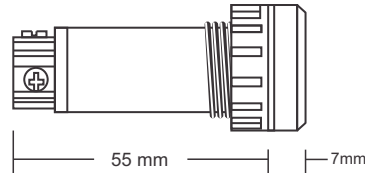
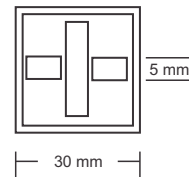
Robust Industrial Terminals
Accepts Bootlace, Ring or
Fork Plugs.



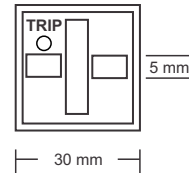
Insulation Guard

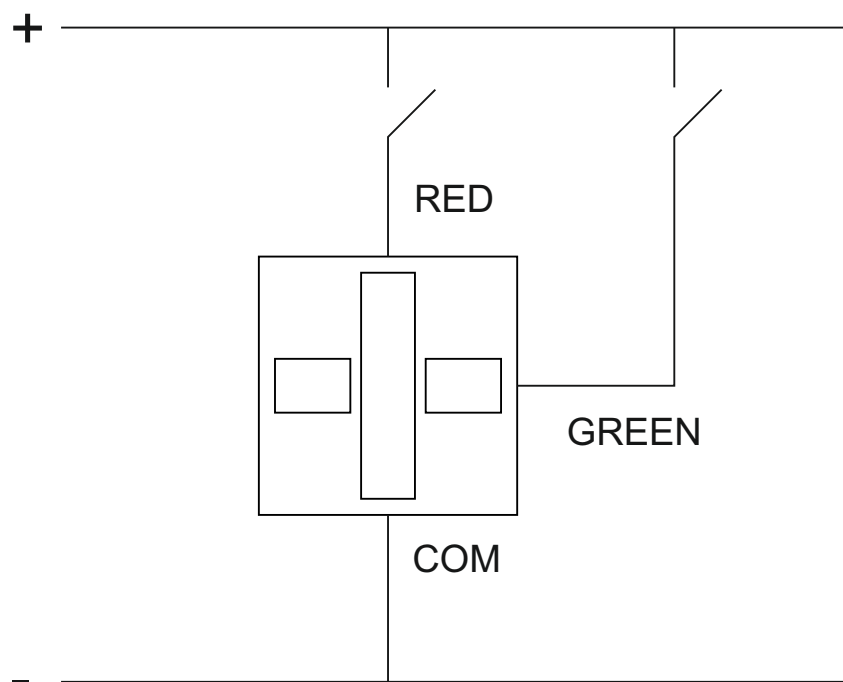


Plug in Terminals
Micro Fit Type

ERS22ERS22-T (TRIP)ERS22-S (SQUARE)

1 LED with
Optional: Engraving on front cover

ERS22-R (ROUND)

WIRING AND CONNECTION

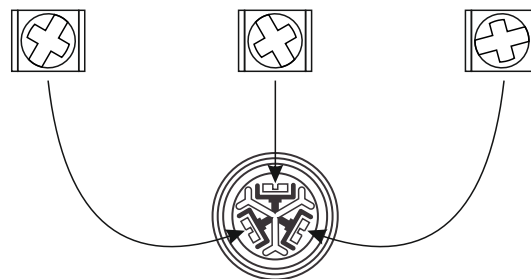
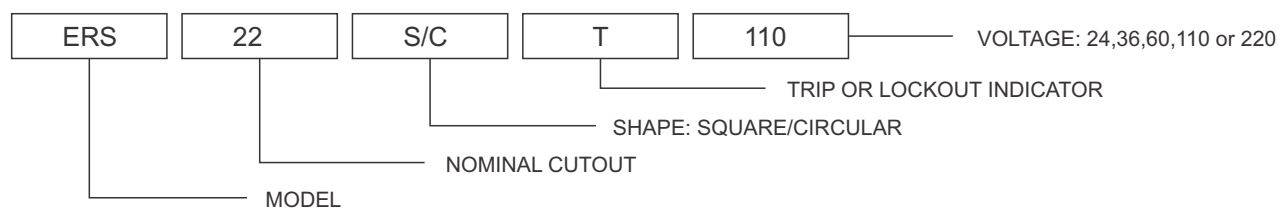
**Supplied by
Mimic Components**

BATCH: ■■■■■■

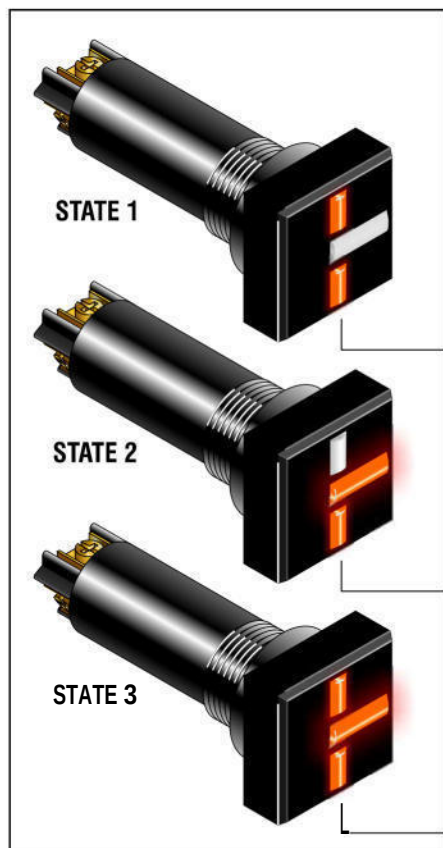
PART No: ERS22-110D

VOLTAGE: 110V DC

GREEN COMMON RED

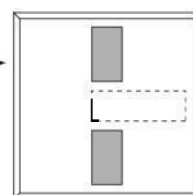
**Ordering Code**

IE:ERS-22-S-110

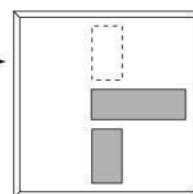
High Voltage Panels**NORMAL 2 STATE
SEMAPHORE (ERS22)****TRI-STATE SEMAPHORE
(ERS22T)**

Tri-state semaphore is normally all red but other colours can be supplied.

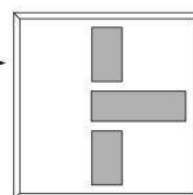
Power on terminal 1 shows straight through.



Power on terminal 2 shows circuit breaker earthed.



Power on terminal 2 & 3.

**FEATURES**

- A range of top quality metal bodied led indicators designed to operate directly off 110V dc and give an operating life of approximately 15 years.
- Available with square and circular front face.
- All semaphores and pilot lights available to operate on 24V, 48V, 110V or 220V dc.

ELITE PILOT LIGHTS

Elite pilot light has bright leds including blue. Available for 22mm and 30mm mounting holes.



Low Current Electro Mechanical Semaphore LBS050 (for Older Panels) LCS 050-048

Cutout: 040.5mm

Bezel: 048mm Burden: 30mA (typical)

Rated Voltage: 24, 30V DC

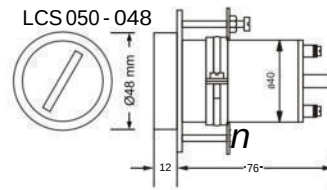
Operating Voltage: 24/30V DC: No resistors

110V DC: Connect 3k Ohms resistor to centre terminal

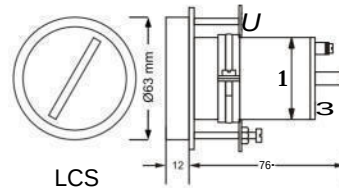
220VDC: Connect 9k Ohms resistor to centre terminal

Range(burden): 0.5W at 24V to 4W at 220V

Insulation: 2kV RMS, 50Hz for 1 minute or 2.5kV RMS, 50Hz for 1 second between all terminals and case.



Cutout: ϕ 40.5mm



Cutout: ϕ 40.5mm



Electro Mechanical Semaphore LBS063

Low Current Electro Mechanical Semaphore LBS063 (for Older Panels) LCS 060-063

Cutout: 040.5mm

Bezel: 063mm

Burden: 30mA (typical)

Rated Voltage: 24, 30V DC

Operating Voltage: 24/30V DC: No resistors

110V DC: Connect 3k Ohms resistor to centre terminal

220VDC: Connect 9k Ohms resistor to centre terminal

Range(burden): 0.5W at 24V to 4W at 220V

Insulation: 2kV RMS, 50Hz for 1 minute or 2.5kV RMS, 50Hz for 1 second between all terminals and case.



LOW CURRENT SEMAPHORE INDICATOR LBS 050 - LBS 060

FEATURES

- Attractive armature design
- Continuously rated coils
- Compact, dust proof moulded case
- High operating torque
- Ultra low power consumption
- No external resistors required !!!

APPLICATION

Automatic status indication of Circuit Breakers, Isolators and Earth Switches on Mimic diagrams of control panels.

DESCRIPTION

The indicator consists of an armature which rotates between the poles of an electro magnet.

The indicator pointer which is black in colour, is fixed to the armature and turns against a white background.

When the Circuit Breaker or Isolator is in closed position, the pointer bridges the gap between the lines and provides continuity in the Mimic diagram. When the Circuit Breaker or Isolator is in open position, it takes up position which is at right angles to the mimic. If the supply to the indicator fails, then it take up an intermediate position i.e. at 45°.

The indicator is housed in a cylindrical moulded case and is designed essentially for flush mounting on control panels.

A mounting clamp is provided on the case for fixing on the panel.

The Semaphore indicator is available in two versions; LBS 060 is used for Circuit Breakers and has a bezel diameter of 50mm; type LBS 050 is used for Isolators & Earth Switches and has a bezel diameter of 60mm.

However, the panel cut out dimension is 41mm in diameter, which is the same for both types.

A Square face adaptor is available for both sizes on special order.

Enquire on these Semaphores....



S - Normally Stock
L - Limited Stock
O - Ex Order

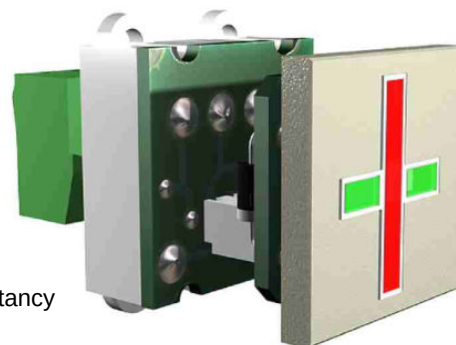
SEMAPHORES

*mimic may still be able to supply the below Semaphores.
However, please note that they might not always be available.*

Large Mosaic Tile Bar Semaphore**(New Model Type Recently Arrived - enquire with our sales team)**

This large bar semaphore incorporates new technology ultra high bright LED's which use very little power. It has built in "anti glow" circuitry as well as lamp test. The large red bar is usually placed "in line" with the mimic circuit line to show "CLOSED" and the green bars graphically show "OPEN".

These new text semaphores are more visible than the old fashioned electro mechanical ones as there is a colour indication as well as a position indication (the red closed LED's are easily seen in an overview of the board). LEDs are highly reliable (± 15 years) and as there are no moving parts, they have a longer life expectancy than the electro mechanical type.

**ADDA MSR-22 NON-STOCK SERVICE ITEM ONLY**

Cutout: Ø22mm
24, 32VDC, 17mA,
Colours: Red & Green

ADDA MSR22A

Cutout: Ø22mm
24, 32VDC, 17mA,
Colours: Red & Green

SAKRR1

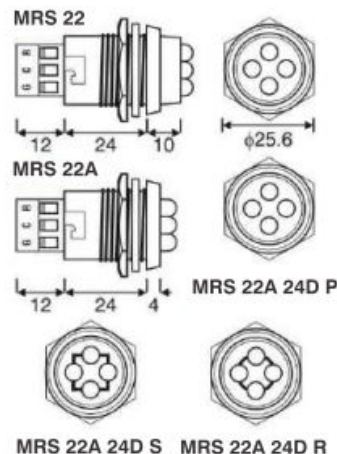
110VDC-2 RESISTOR TERMINALS

SAKRR2

220DC-3 RESISTOR TERMINALS

(Other voltages are available when using external
DIN terminals fitted with a resistor).

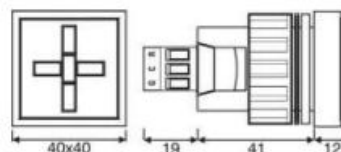
110VDC-2 RESISTOR TERMINALS / 220DC-3 RESISTOR TERMINALS

**ADDA KP33**

Cutout: Ø30mm
24, 32VDC, 17mA,
Colours: Red & Green

(Other voltages are available when using external DIN terminals
fitted with a resistor).

110VDC-2 RESISTOR TERMINALS / 220DC-3 RESISTOR TERMINALS



JOHANNESBURG



MIMIC COMPONENTS

ELECTRICAL & ELECTRONIC
WHOLESALE DISTRIBUTORS
SOUTHERN AFRICA

Address

5 Ramsay Street, Booyens,
2091 Johannesburg,
South Africa

P.O. Box 38493 Booyens,
2016 South Africa

Telephone:
Switchboard: +27 (0)11- 689-5700

Website: www.mimiccomponents.co.za
Email: info1@mimiccomponents.co.za

CAPE TOWN



Mimic Cape

MIMIC CAPE

ELECTRICAL & ELECTRONIC
WHOLESALE DISTRIBUTORS
SOUTHERN AFRICA

Address

Unit 41A, Stella Park,
57 Stella Road, Montague Gardens,
Cape Town, 7441, South Africa

PO. Box 36955 Chempet,
7442 South Africa

Telephone:
Switchboard: +27(0) 21-551-8185

Website: www.mimic-cape.co.za
Email: info@mimic-cape.co.za



MIMIC COMPONENTS sales@mimic.co.za www.mimic.co.za TEL: +27(0)11 689-5700
5 Ramsay Street, Booyens 2091, Johannesburg P.O. Box 38493, Booyens 2016, Johannesburg, South Africa



MIMIC CAPE anje@mimics.co.za www.mimic.co.za TEL: +27(0)21-551-8185 FAX: +27(0)21-551-8169
Unit 41A, Stella Park, 57 Stella Road, Montague Gardens, Cape Town 7441. PO Box 36955 Chempet 7442 South Africa