

Semaphore Indicators

The **JAV 041** & **042** semaphores are automatic status indicators for circuit breakers, isolators, earth switches etc. on mimic diagrams of control panels. The indicators consist 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 a closed position, the pointer bridges the gap between the lines and provide continuity in the mimic diagram. When the circuit breaker or isolator is in an open position, it takes up position which is at right angles to the mimic. If the supply to the indicator fails, then it takes 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 onto the panel.

Two versions are available :- **JAV 041** which has a diameter of 63mm & **JAV 042** which has a diameter of 48mm. However the panel cut out dimension is 41mm dia for both types.

The indicator coil is basically designed for 24/30VDC rating. For 48V, 110V & 220VDC applications, a screw type series resistor is supplied which can be directly screwed on to a terminal of the semaphore.

Mimic Components also do a range of high reliable LED type semaphores aswell as an entire range of LED pilot lights e