

# LOCK SWITCH

## WRLM IP66/IP67 SEALED MAINS LOCK SWITCH switch module ENEC approved to EN61058-1

### ELECTRICAL & MECHANICAL SPECIFICATION

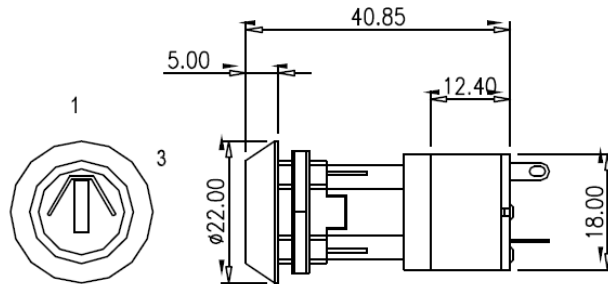
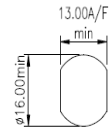
|                                 |                            |                               |                             |
|---------------------------------|----------------------------|-------------------------------|-----------------------------|
| <b>Switch Rating:</b>           | 4/80A @240V ac R.C.        | <b>Life:</b>                  | >15,000 Cycles              |
| <b>Proof Voltage:</b>           | 3kV min (Initial)          | <b>Operating Temperature:</b> | -25°C to +85°C              |
|                                 |                            | <b>Flame Retardancy:</b>      | UL94V0                      |
| <b>Insulation Resistance:</b>   | >999MΩ @ 500V dc (Initial) | <b>Lock Type:</b>             | 5 Disc                      |
| <b>Contact Resistance:</b>      | <20mΩ (Initial)            | <b>Lock Housing:</b>          | Zinc Alloy Bright Cr Plated |
| <b>Contact Material:</b>        | Brass CZ108, Ag Plat       | <b>Switch Chamber:</b>        | Polyamide 6.6 G>F. V0 Rated |
| <b>Switch Contact Material:</b> | Silver Cadmium Oxide       | <b>Housing Material:</b>      | Polycarbonate               |
|                                 |                            | <b>Tag Panel:</b>             | SRBP                        |

### FEATURES

Suitable for Marine Environment Exposure to Severity One (EN60068-2-52) salt mist tested

- |   |   |   |
|---|---|---|
| <p>Double pole mains isolating – ENEC</p> <p>Length behind panel &lt;40 mm</p> <p>max panel thickness 4.5mm</p> <p>Panel seal to IP67</p> | <p>2 keys per switch - Up to 200 differ key combinations available</p> <p>Keys are double entry (can be inserted into lock either way up)</p> <p>90 ° lock movement</p> | <p>Solder or PCB terminals</p> <p>Two stage assembly: Lock through front, module snaps on from inside</p> <p>Made in the UK</p> |
|---|---|---|

PANEL PIERCING DETAILS



### ORDERING CODE

| CIRCUITRY                       | TERMINAL LAYOUT VIEWED FROM REAR OF SWITCH | KEY WITHDRAWAL POSITIONS |
|---------------------------------|--|--------------------------|
| 2 POLE OFF-ON                   |  | 90°                      |
| 2 POLE ON-OFF (NORMALLY CLOSED) |  |                          |

| WRLM ORDER CODES |                 |                                 |                               |
|------------------|-----------------|---------------------------------|-------------------------------|
| SWITCH           | KEY             | POSITION IN WHICH KEY FREE      | Tapered lock Head Order-codes |
| 2 POLE OFF – ON  | DIFFERS DIFFERS | 0° and 90° (1+4)<br>0° only (1) | WRLM -5-Q-D<br>WRLM -5-S-D    |
| 2 POLE OFF –ON   | SAME SAME       | 0° and 90° (1+4)<br>0° only (1) | WRLM -5-Q-S<br>WRLM -5-S-S    |
| 2 POLE ON-OFF    | DIFFERS DIFFERS | 0° and 90° (1+4)<br>0° only (1) | WRLM -5-R-D<br>WRLM -5-T-D    |
| 2 POLE ON-OFF    | SAME SAME       | 0° and 90° (1+4)<br>0° only (1) | WRLM -5-R-S<br>WRLM -5-T-S    |