## RMS ROTARY MAINS SWITCH

## ELECTRICAL \& MECHANICAL SPECIFICATION

| Switch Rating: | $4 / 80 \mathrm{~A} @ 250 \mathrm{~V}$ ac. R/C | Life: | $>15,000 \mathrm{Cycles}$ |
| :--- | :--- | :--- | :--- |
|  | $10 \mathrm{~A} @ 12 \mathrm{~V} \mathrm{dc}$ | Operating Temperature: | $-25^{\circ} \mathrm{C}$ to $+85^{\circ} \mathrm{C}$ |
| Proof Voltage: | 3 kVac (Initial) | Insulation Resistance: | $>999 \mathrm{M} \Omega @ 500 \mathrm{Vdc}$ (Initial) |
| Contact Resistance: | $<20 \mathrm{~m} \Omega$ (Initial) | Contact Gap: | $>2.5 \mathrm{~mm}(\mathrm{~min})$ |
| Switch Contacts: | Silver Cadmium Oxide | Tag Panel: | SRBP |
| Switch Chamber: | Polyamide 6.6 G.F. Vo Rated | Terminals: | Brass CZ108, Ag plated |

## FEATURES

Non changeover type Approved to EN61058 ENEC (VDE)
Made in UK
Double pole single throw
Solder or pcb terminals
$45^{\circ}$ index angle

Spindle flats (optional)

## TERMINAL LAYOUT

OPTIONAL SPINDLE
FLAT SHOWN.


## OPTIONAL SPINDLE FLATS



Note: The angle of the spindle flat is shown with the locating lug at the bottom of the switch, when the switch is set in the fully anticlockwise position (position 1) viewed from the knob end of the spindle

## STANARD PART NUMBERS

| Basic | A | B | C | D | E | F |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Types | Spindle <br> diameter | Spindle <br> length | Bush <br> thread | Spindle <br> flat <br> length | Spindle <br> angle | Spindle <br> flat |
| Imperial | 6.35 mm | 55 mm | $9.52 \times 32 \mathrm{TPI}$ | No Flat | N/a | N/a |
| Metric | 6.0 mm | 38 mm | $\mathrm{M} 10 \times 0.75$ | No Flat | N/a | N/a |


| Circuitry | Terminal <br> layout <br> viewed from <br> rear | Terminal <br> type | Standard <br> Metric <br> Switches | Standard <br> Imperial <br> Switches |
| :--- | :--- | :--- | :--- | :--- |
| 2 pole off-on | P. | Solder | RMS1035 | RMS1100 |
|  | PCB | RMS1130 | RMS1159 |  |


| Circuity | Terminal layout viewed from rear of switch | Terminal type | Standard <br> Metric <br> Switches | Standard <br> Imperial <br> Switches |
| :---: | :---: | :---: | :---: | :---: |
| 2 pole changeover (not approved) | $\text { d.e. } 0$ | Solder | RMS1089 | RMS1101 |
|  |  | PCB | RMS1153 | RMS1128 |

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