# MDSP PUSH-PUSH POTENTIOMETER SWITCH

## **GENERAL ELECTRICAL & MECHANICAL SPECIFICATION**

Switch Rating: 10A @ 250Vac (resistive)

Life: >25,000 Cycles Operating Temperature: -25 ° C to +100 ° C Proof Voltage: 2,500Vac (Initial)

Insulation Resistance:  $>999 M\Omega$  @ 500Vdc (Initial)

Resistance Values:  $10K - 1.5M\Omega$ 

Track Rating: 0.2W Resistance Curve: Linear

Switch Function: 1- pole changeover

3<sub>mm</sub> Switch Travel:

Switch Operation Force: 15N (Nominal)

Rotational angle: 270°

0.2-0.6Ncm (Standard) Operating Torque: 0.8-1.5Ncm (Tactile version)

40Ncm (minimum)

End Stop Torque: Fixing Nut Torque: 1.1Nm (maximum) Perm. Axial Load: 50N (maximum)

Spindle: Polyamide 6.6 G.F. HB Rated Polyamide 6.6 G.F. V0 Rated Housing: Terminals: Switch: Brass CZ108 Sn Plated. Potentiometer: Mild Steel Sn plated

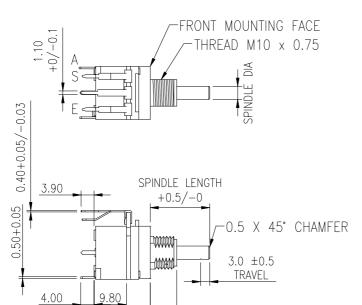
# **RoHS COMPLIANT**



ENEC Approved to EN61058 by VDE

### **GENERAL FEATURES**

- o Made in UK.
- o Push-Push switches with rotary potentiometer in common housing.
- o Printed circuit terminals.
- o Used in domestic lighting dimmer controls.
- o Moulded components are in UL 94V-0 rated materials.
- o Wide range of resistance values available.
- o Options also available include:-
- o Ø4.0 Metal spindle
- o Tactile Feel version (7.5° Index)
- o Alternate Switch forces available
- o AS & ES Termination available
- Non-Linear
- o M10 x 1.0mm Bush Thread



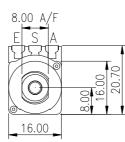
17.00

### **SPINDLE SIZES AVAILABLE**

 $1 = \emptyset 4.0 + 0 - 0.03$  $2 = \emptyset 6.0 + 0.00 / -0.03$ 

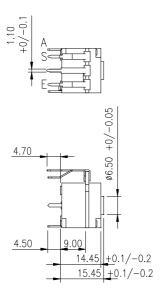
#### **CLOCKWISE ROTATION**

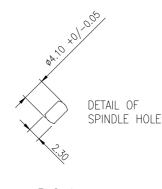
 $0 - \max Ohms = AS$ Max - 0 Ohms = ES

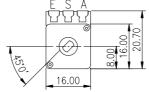


# MDSP PUSH BUTTON DIMMER SWITCHES

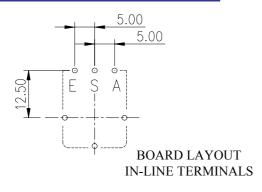
## **NO BUSH VERSION**

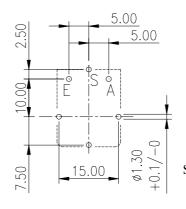






### TYPICAL PCB LAYOUT





BOARD LAYOUT STAGGERED TERMINALS

## **ORDERING CODE**

