PANEL SEALED 5 AMP PUSHBUTTON SWITCHES

The ITW SA50 series pushbutton offers the utmost in choices of button colours and lighting switching. These 5 AMP sealed switches have a positive snap action feel. They are ideal for rugged applications that good looks and long life.

APPLICATIONS

- · Office equipment
- Medical equipment
- Industrial machinery
- Mass transportation
- · Food processing equipment
- · Outdoor Controls
- Joystick Control

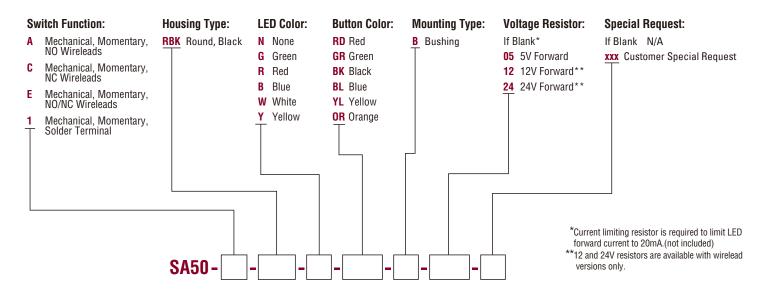
Series SA50



KEY FEATURES:

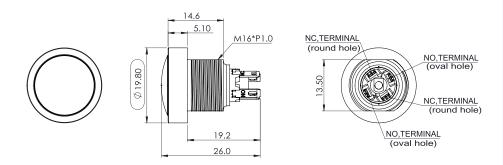
- · Diameter 16mm
- · Panel sealed to IP67
- Up to 5Amp by UL61058 Certify
- · Large choice of button colours
- Snap Action / Momentary Action
- · Positive Tactic Feedback
- Choice of LED colours (or non-illuminated versions)

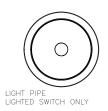
ORDERING INFORMATION:

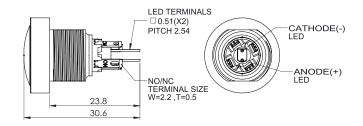


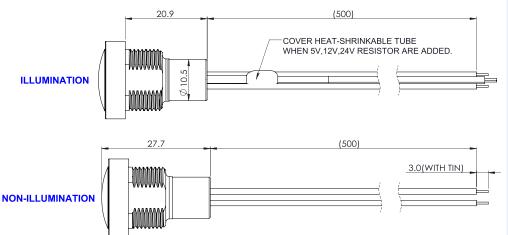
SERIES SA50: PANEL SEALED 5 AMP PUSHBUTTON SWITCHES

PRODUCT DRAWINGS









MECHANICAL / ELECTRICAL **CHARACTERISTICS:**

Circuit:

SPDT-DB (Form X)

Pretravel (Nominal):

0.050inchès [1.27mm]

Overtravel (Nominal):

0.010inches [0.25mm]

Total Travel (Nominal):

0.060inches [1.52mm]

Operating Force (Nominal):

5.15N [525g]

Release Force (Nominal):

3.45N [340g]

Panel Thickness:

Bushing Mount:

0.020" - 0.118" [0.5 - 3.0mm]

Contacts:

Silver Plated

Nut Torque Force:

Max 5.2 lb-in [6 kgf-cm]

Actuator Ingress Protection:

IP67 (Front Panel)

Operating Temperature:

-40°F to +185°F [-40°C to +85°C]

Life, Mechanical (Nominal):

1,000,000 Cycles

Current Ratings (Nominal):

5A@ 28 VDC

ELECTRO-MEHANICAL:

Dielectric Strength:

1.000 VAC

Insulation Resistance:

1GΩ

Contact Resistance:

Max $50m\Omega$ (Non-Wirelead) Max 250mΩ (Wirelead)

LED SPECIFICATIONS

LED SPECIFICATION							
LED CODE	LED COLOR	CIRCUITRY	Vf(VDC)	lf (mA)			
R	RED		1.8~2.5	20			
В	BLUE		2.8~3.5	20			
G	GREEN	· • • • • • • • • • • • • • • • • • • •	2.8~3.5	20			
Υ	YELLOW		1.8~2.5	20			
W	WHITE		2.8~3.5	20			
Notos							

1. Lead Soldering Temperature (4mm above from body): 280°C for 5 seconds 2. Head Soldering Temperature (4mm above from body): 320°C for 3 seconds

WIRELEADS TYPE	WIRELEADS Specification	SW Terminal	SW Terminal	LED COLOR	
		NO	NC	+	-
ILLUMINATION	AW004 / III 4007	BLUE	YELLOW	RED	BLACK
NON-ILLUMINATION	AWG24 / UL1007	BLUE	YELLOW	_	

