22mm Panel Sealed 5 Amp Pushbutton Switches

The ITW SA58M series switches are 22mm panel sealed metal snap-action pushbutton switches with optional ring and power illumination and multiple LED color options. The SA58M is available as momentary or maintained action. These 5 AMP sealed switches have a positive snap action feel. They are ideal for Security Equipment, Medical Equipment, Kiosks, etc.

Series SA58M



KEY FEATURES:

22mm
5A @ 28VDC
25k Cycle Nominal
-40° to +185°F [-40° to +85°C]
1NO/1NC
IP67 (Front Panel)
UL 61058
Stainless / Aluminum
Momentary / Maintained
Green/ Red/ Blue/ White/ Yellow

APPLICATIONS

- Outdoor Controls
- Security Equipment
- Medical Equipment
- · Food Processing Equipment
- Industrial Machinery
- Kiosks
- Transportation: Mass-Transit, Lift Trucks

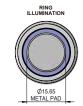
ORDERING INFORMATION:

Switch Function: Housing Material: Illumination / Button Color: **LED Color: Special Request:** Voltage Resistor: Momentary, Stainless Steel Stainless & Aluminum Housing: N None If Blank* If Blank N/A Solder Terminal Aluminum, 0 Non-Illumination G Green 05 5V Forward xxx Customer Special Request Momentary, Inherent 2 Ring Illumination R Red 12 12V Forward** NO Wireleads Power/ Standby В Blue 24 24V Forward** Momentary, NC Wireleads Illumination W White Momentary, NO/NC Wireleads **Aluminum Housing:** Υ Yellow Maintained, R Red Button# Solder Terminal G Green Button# Maintained, Yellow Button# NO Wireleads Maintained, B Blue Button# NC Wireleads D Gold Button# Maintained, NO/NC Wireleads #Only for non-illumination. *Current limiting resistor is required to limit LED forward current to 20mA.(not included) **SA58M-****12 and 24V resistors are available with wirelead

SERIES SA58M: 22MM SEALED 5 AMP PUSHBUTTON SWITCHES

PRODUCT DRAWINGS

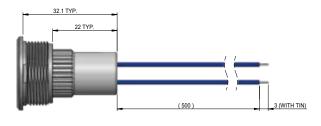




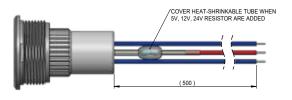


MOMENTARY TYPE



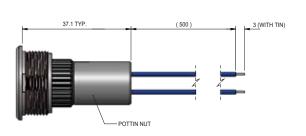


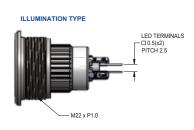
ILLUMINATION TYPE M22 x P1.0 LED TERMINALS D0.51 (x2) PITCH 2.54

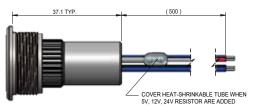


MAINTAINED TYPE



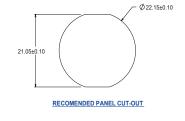






ION		CIFICATION 324 / UL1007	NO Blue	YELL		+ RED	D - Black
,,,	OFL	CIFICATION	NO	NC	;	+	D -
	SPECIFICATION						D
WIRELEADS \		IRELEADS	SW TERMINAL		L	LED	
		e (4mm above f e (4mm above f					
WHITE	E				2.8~3.5		20
YELLO	W				1.8~2.5		20
GREEN	N	· · ·		⊸ [2	.8~3.5	20
BLUE					2	.8~3.5	20
RED					1.8~2.5		20
LED COLOR		CIRCUITRY			V	f (VDC)	If (mA)
E							,

NON-ILLUMINATION



Mechanical / Electrical Characteristics:

Circuit:

SPDT-DB (Form X)

Pretravel (Nominal):

0.050 inches [1.27mm]

Overtravel (Nominal):

0.010 inches [0.25mm]

Total Travel (Nominal):

0.060 inches [1.52mm]

Operating Force (Nominal):

5.15N [525g]

Release Force (Nominal):

3.45N [340g]

Panel Thickness:

0.020" - 0.177" [0.5 - 4.5mm]

Contacts:

Silver

Nut Torque Force:

Max 10 lb-in [11.5 kgf-cm]

Actuator Ingress Protection:

IP67 (Front Panel)

Operating Temperature:

-40° to +185°F [-40° to +85°C]

Current Ratings (Nominal):

5A@ 28 VDC

ELECTRO-MEHANICAL:

Dielectric Strength:

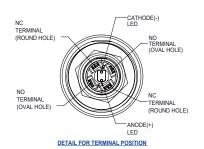
1,000 VAC

Insulation Resistance:

1GΩ

Contact Resistance:

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





BLUE YELLOW