

# 22mm Push Button Accessories



## Lenses for Pilot Lights with LED

Color	Cat No.
White	2PLL1L
Green	2PLL3L
Red	2PLL4L
Amber	2PLL5L
Blue	2PLL6L
Clear	2PLL7L
Yellow	2PLL8L

## Lenses for Illuminated Actuators with LED (flush/projecting)

Color	Cat No.
White	2LAL1L
Green	2LAL3L
Red	2LAL4L
Amber	2LAL5L
Blue	2LAL6L
Clear	2LAL7L
Yellow	2LAL8L

## Boots for Booted Actuators

Color	Cat No.
White	2BT1
Black	2BT2
Green	2BT3
Red	2BT4
Blue	2BT6
Clear	2BT7
Yellow	2BT8

## Lenses for Pilot Lights with Filament Bulb

Color	Cat No.
White	2PLL1
Green	2PLL3
Red	2PLL4
Amber	2PLL5
Blue	2PLL6
Clear	2PLL7
Yellow	2PLL8

## Lenses for Illuminated Actuators with Filament Bulb

Color	Cat No.
White	2LAL1
Green	2LAL3
Red	2LAL4
Amber	2LAL5
Blue	2LAL6
Clear	2LAL7
Yellow	2LAL8



## Replacement LED Bulbs

Color	Voltage	Cat No.	Color	Voltage	Cat No.
<b>12V AC/DC</b>			<b>110V AC/DC</b>		
White	12V AC/DC	MCB9112	White	110V AC/DC	MCB91110
Green	12V AC/DC	MCB9312	Green	110V AC/DC	MCB93110
Red	12V AC/DC	MCB9412	Red	110V AC/DC	MCB94110
Amber	12V AC/DC	MCB9512	Amber	110V AC/DC	MCB95110
Blue	12V AC/DC	MCB9612	Blue	110V AC/DC	MCB96110
Yellow	12V AC/DC	MCB9812	Yellow	110V AC/DC	MCB98110
<b>24V AC/DC</b>			<b>230V AC</b>		
White	24V AC/DC	MCB9124	White	230V AC	MCB91230
Green	24V AC/DC	MCB9324	Green	230V AC	MCB93230
Red	24V AC/DC	MCB9424	Red	230V AC	MCB94230
Amber	24V AC/DC	MCB9524	Amber	230V AC	MCB95230
Blue	24V AC/DC	MCB9624	Blue	230V AC	MCB96230
Yellow	24V AC/DC	MCB9824	Yellow	230V AC	MCB98230
<b>48V AC/DC</b>			<b>230V DC</b>		
White	48V AC/DC	MCB9148	White	230V DC	MCB91230D
Green	48V AC/DC	MCB9348	Green	230V DC	MCB93230D
Red	48V AC/DC	MCB9448	Red	230V DC	MCB94230D
Amber	48V AC/DC	MCB9548	Amber	230V DC	MCB95230D
Blue	48V AC/DC	MCB9648	Blue	230V DC	MCB96230D
Yellow	48V AC/DC	MCB9848	Yellow	230V DC	MCB98230D

## Filament Bulbs

Color	Voltage	Cat No.
Clear	12V AC/DC	BA9S12
Clear	24V AC/DC	BA9S24
Clear	48V AC/DC	BA9S48
Clear	110V AC/DC	BA9S110
Clear	230V AC/DC	BA9S220

## Maximum Power Consumption:

LED			FILAMENT BULBS	
Supply Voltage	Power (max) in Watts	Current	Power (max) in Watts	Current
12V	0.5W	max 20mA	2W	max 166mA
24V	0.5W	max 20mA	2W	max 85mA
48V	0.5W	max 20mA	2W	max 45mA
110V	0.5W	max 15mA	2.6W	max 20mA
240V	1W	max 10mA	2.6W	max 20mA

These bulbs are available in various colors and Voltages. A filament bulb can be directly replaced with these LED based bulbs without having to change any other expensive part of your existing lamps.

These bulbs use high brightness LED chips which last for more than 100,000 hours and consume very little power. Heat generated by LED based bulbs is negligible hence no damage to the body of the lamp or any operator in case of illuminated push buttons.

These bulbs can be used to replace 12V AC/DC, 24V AC/DC, 48V AC/DC, 110V AC/DC and 240V AC or DC circuits directly. LED color indication is given on the bulb for easy identification.

Conforming Standards: UL508, CSA 22.2, IEC 60947-5-1