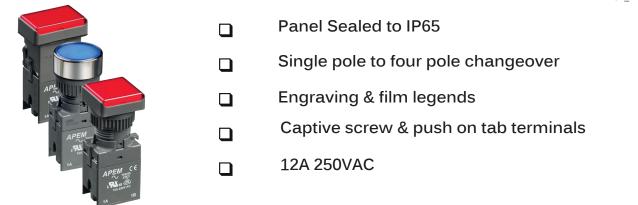
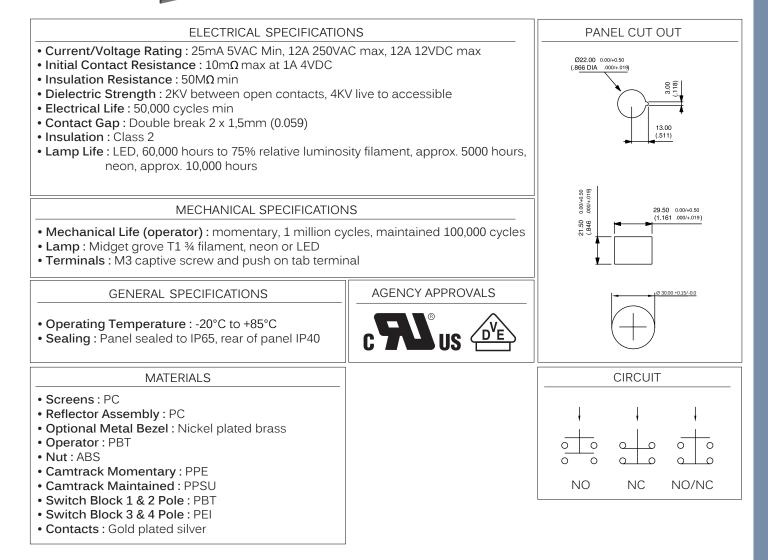
# A02 series

Pushbutton switches & indicators

Distinctive features and specifications

A02\_AX1607USR2





Dimensions : first dimensions are in mm while inches are shown in brackets. Refer to the following pages for further information.

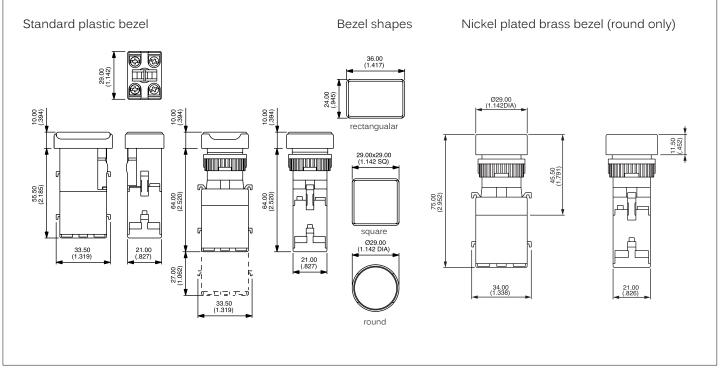


Mounting accessories : standard hardware 1 nut and 1 sealing washer.

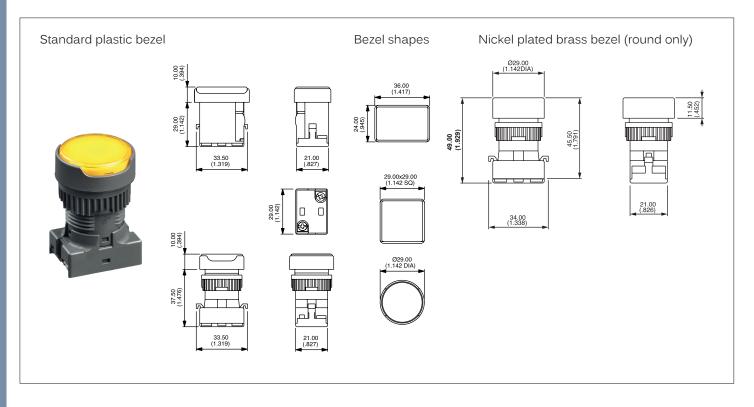
# A02 series Pushbutton switches & indicators

Panel cut-out Ø22mm (0.866) or 29.5 (1.161) x 21.5(0.846)mm

### Ø22mm or 29.5 x 21.5mm Surface mount pushbutton



### Ø22mm or 29.5 x 21.5mm Surface mount indicator



## A02 series Pushbutton switches & indicators

Overview

### Pushbutton

	Screen ·		+	Lamp (if required)		+ Operator		Itor (with standard beze	el) 🕂	Switch block			
Bezel	Colour	Part No	Lamp	Voltage	Part No	Bezel	Description	Lamp type	Part No	Contacts	Part N		
	black	A0261A	Filament	6.3V	A0141A		Illum, momentary	Lamp/LED bulb	A0201Y	1 N.O.	A0250		
	red	A0261B	Filament	14V	A0141B		Illum, maintained	Lamp/LED bulb	A0201X	1 N.C.	A0250		
	amber	A0261C	Filament	28V	A0141C		Non-illum, momentary		A0203Y	2 N.O.	A0250		
	yellow	A0261D	Filament	36V	A0141D		Non-illum, maintained		A0203X	2 N.C.	A0250		
	green	A0261E	Filament	48V	A0141E		Illum, momentary	Lamp/LED bulb	A0204Y	1 N.O./1 N.C.	A025		
	blue	A0261F	Filament	60V	A0141F		Illum, maintained	Lamp/LED bulb	A0204X				
	clear	A0261G	Neon	110V	A0143G		Non-illum, momentary		A0206Y	Second swit	ch bloc		
	white	A0261J	Neon	220V	A0143H		Non-illum, maintained		A0206X				
	black	A0262A	LED	6V red	A0142L1	0	Illum, momentary	Lamp/LED bulb	A0207Y	Contacts	Part N		
	red	A0262B	LED	6V green	A0142L2	0	Illum, maintained	Lamp/LED bulb	A0207X				
	amber	A0262C	LED	6V amber	A0142L3	0	Non-illum, momentary		A0209Y	1 N.O.	A025		
	yellow	A0262D	LED	12V red	A0142M1	0	Non-illum, maintained		A0209X	1 N.C.	A025		
	green	A0262E	LED	12V green	A0142M2		<b>0</b>			2 N.O.	A025		
	blue	A0262F	LED	12V amber	A0142M3		Opera	Itor (with nickel bezel)		2 N.C.	A0250		
	clear	A0262G	LED	12V blue	A0142M4	Bezel	Description	Lamp type	Part No	1 N.O./1 N.C.	A025		
	white	A0262J	LED	12V white	A0142M5					To achieve 3 or	1 nolo		
С	black	A0263A	LED	24V red	A0142N1	0	Illum, momentary	Lamp/LED bulb	A0210Y				
С	red	A0263B	LED	24V green	A0142N2	0	Illum, maintained	Lamp/LED bulb	A0210X	switching, add s			
С	amber	A0263C	LED	24V amber	A0142N3	0	Non-illum, momentary		A0212Y	switch block fror	n above		
С	yellow	A0263D	LED	24V blue	A0142N4	0	Non-illum, maintained		A0212X	table.			
С	green	A0263E	LED	24V white	A0142N5								
С	blue	A0263F	LED	48V red	A0142P1		zel material : nicke						
С	clear	A0263G	LED	48V green	A0142P2	For op	tional black finish,	add 'G' to the	end of				
С	white	A0263J	LED	48V amber	A0142P3	operator model number.							
Bezel:	rectangul	ar 🗌 squa	are O roui	nd. 'Illum' -	illuminated,	'Non-illu	um' - non illuminated						

### Indicator

ezel	Colour	Part No	Lamp	Voltage	Part No	Bezel	Description	Lamp type	Part No	
7	black	A0261A	Filament	6.3V	A0141A		Indicator	Lamp/LED bulb	A0271	
	red	A0261B	Filament	14V	A0141B		Indicator	Lamp/LED bulb	A0273	
	amber	A0261C	Filament	28V	A0141C	0	Indicator	Lamp/LED bulb	A0275	
	yellow	A0261D	Filament	36V	A0141D	0		1.	A0275	
	green	A0261E	Filament	48V	A0141E		Οβ	Derator (with nickel bezel)		
	blue	A0261F	Filament	60V	A0141F	$\sim$		4551.0		
	clear	A0261G	Neon	110V	A0143G	0	Illum, indicator	Lamp/LED bulb	A0277	
	white	A0261J	Neon	220V	A0143H	Std bo		nickal plated brass		
]	black	A0262A	LED	6V red	A0142L1	Std bezel material : nickel plated brass				
	red	A0262B	LED	6V green	A0142L2	For optional black finish, add 'G' to the end of				
	amber	A0262C	LED	6V amber	A0142L3	operator model number.				
	yellow	A0262D	LED	12V red	A0142M1					
]	green	A0262E	LED	12V green	A0142M2					
]	blue	A0262F	LED	12V amber	A0142M3					
	clear	A0262G	LED	12V blue	A0142M4					
	white	A0262J	LED	12V white	A0142M5					
)	black	A0263A	LED	24V red	A0142N1					
)	red	A0263B	LED	24V green	A0142N2					
)	amber	A0263C	LED	24V amber	A0142N3					
)	yellow	A0263D	LED	24V blue	A0142N4					
)	green	A0263E	LED	24V white	A0142N5					
)	blue	A0263F	LED	48V red	A0142P1					
)	clear	A0263G	LED	48V green	A0142P2					
)	white	A0263J	LED	48V amber	A0142P3					

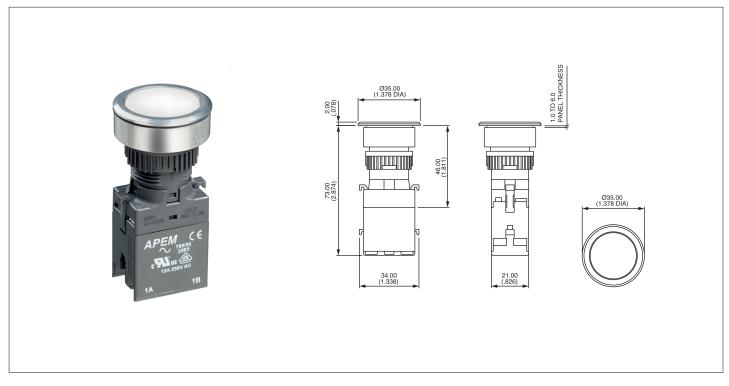


Unsealed switches & indicators (IP40) suffix 01 to the end of the part number. Screen engraving insertable legends, & bi-color LED's please contact APEM For 6.35mm push on tab terminals suffix the switch block part number with SP

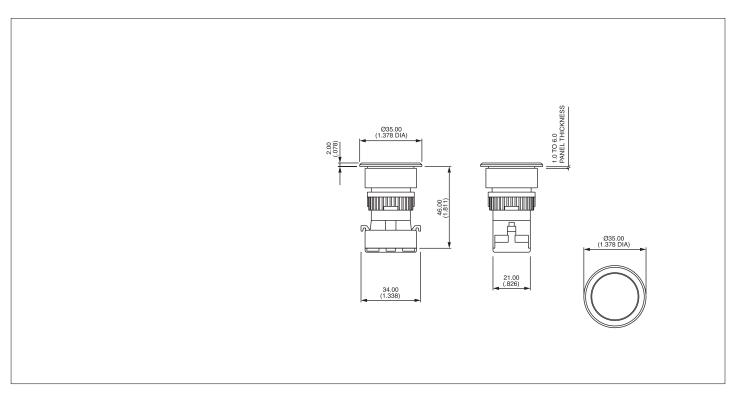
# A02 series Flush mount pushbutton switches & indicators

Panel cut-out Ø30mm

### Ø30mm Flush mount pushbutton



### Ø30mm Flush mount indicator



### A02 series Flush mount pushbutton switches & indicators

Overview

### Pushbutton

S	oreen	+			iired)	+	Operator	· .	+	Switch blo	ck
Bezel	Colour	Part No	Lamp	Voltage	Part No	Bezel	Description	Lamp type	Part No	Contacts	Part N
$\mathbf{)}$	black	A0263A	Filament	6.3V	A0141A	0	Illum, momentary	Lamp/LED bulb	A0214Y	1 N.O.	A0250
)	red	A0263B	Filament	14V	A0141B	0	Illum, maintained	Lamp/LED bulb	A0214X	1 N.C.	A0250
$\supset$	amber	A0263C	Filament	28V	A0141C	0	Non-illum, momentary		A0215Y	2 N.O.	A0250
$\supset$	yellow	A0263D	Filament	36V	A0141D	0	Non-illum, maintained		A0215X	2 N.C.	A0250
C	green	A0263E	Filament	48V	A0141E	0	Illum, indicator	Lamp/LED bulb	A02791	1 N.O./1 N.C.	A0250
)	blue	A0263F	Filament	60V	A0141F			متريا مرادم مارينا			
$\supset$	clear	A0263G	Neon	110V	A0143G		zel material : silver (				
$\supset$	white	A0263J	Neon	220V	A0143H		tional black anodise			<b>~</b> • •	
			LED	6V red	A0142L1	'G' to	the end of operato	<b>r</b> model numb	er.	Second swit	ch bloc
			LED	6V green	A0142L2					Contacts	Part N
			LED	6V amber	A0142L3						
			LED	12V red	A0142M1					1 N.O.	A025
			LED	12V green	A0142M2					1 N.C.	A025
			LED	12V amber	A0142M3					2 N.O.	A025
			LED	12V blue	A0142M4					2 N.C.	A025
			LED	12V white	A0142M5					1 N.O./1 N.C.	A025
			LED	24V red	A0142N1						
			LED	24V green	A0142N2					To achieve 3 or	4 nole
			LED	24V amber	A0142N3					switching, add s	
			LED	24V blue	A0142N4					•	
			LED LED	24V white	A0142N5 A0142P1					switch block fror	n above
			LED	48V red	A0142P1 A0142P2					table.	
			LED	48V green 48V amber	A0142P2 A0142P3						
			LEU	48V amper	AU142P3						

### Indicator

				-			-			
lezel	Colour	Part No	Lamp	Voltage	Part No	Bezel	Description	Lamp type	Part No	
)	black	A0263A	Filament	6.3V	A0141A	0	Illum, indicator	Lamp/LED bulb	A02791	
$\supset$	red	A0263B	Filament	14V	A0141B					
$\supset$	amber	A0263C	Filament	28V	A0141C	Std be	zel material · silv	ver anodised alum	inium	
000000000000000000000000000000000000000	yellow	A0263D	Filament	36V	A0141D	For optional black anodised aluminium, add				
	green	A0263E	Filament	48V	A0141E	'G' to the end of <b>operator</b> model number.				
)	blue	A0263F	Filament	60V	A0141F	G to	the end of oper	ator model numb	er.	
)	clear	A0263G	Neon	110V	A0143G					
C	white	A0263J	Neon	220V	A0143H					
			LED	6V red	A0142L1					
			LED	6V green	A0142L2					
			LED	6V amber	A0142L3					
			LED	12V red	A0142M1					
			LED	12V green	A0142M2					
			LED	12V amber	A0142M3					
			LED	12V blue	A0142M4					
			LED	12V white	A0142M5					
			LED	24V red	A0142N1					
			LED LED	24V green 24V amber	A0142N2					
			LED	24V amber 24V blue	A0142N3 A0142N4					
			LED	24V biue 24V white	A0142N4 A0142N5					
			LED	48V red	A0142N3					
			LED	46V rea 48V green	A0142P1 A0142P2					
			LED	48V amber	A014212 A0142P3					
				40V driber	AU142F3					



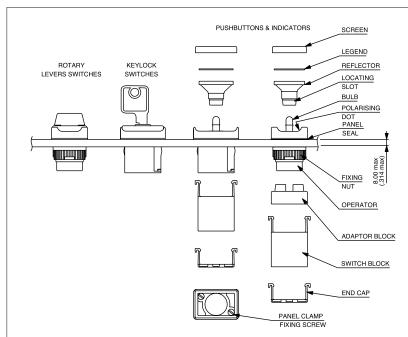
Unsealed switches & indicators (IP40) suffix 01 to the end of the part number. Screen engraving insertable legends, & bi-color LED's please contact APEM For 6.35mm push on tab terminals suffix the switch block part number with SP

APEM

## A02 series Pushbutton switches & indicators

Installation & tools

### Installation guide



#### PANEL MOUNTING ASSEMBLY

- Drill/punch hole shaped as shown on page one.
- Assemble front operator through hole and a) Round & square types, tighten nut to a maximum torque of 0.8Nm using tool no. 30-0001. Snap on the adaptor block fit fxing nut and tighten to a maximum b) Rectangular types, tighten the two panel fixing screws in the front to a maximum torque of 6cNm
- Wire chosen switch block as required and snap onto back of operator with optional end cap
- Fit bulb if required using tool No. 30-0002.
- Snap screen onto reflector assembly with legend in between if required and snap onto front operator, take care to line up the locating slot with the polarising dot and not to damage the internal seal
- To place/remove the bulb use the bulb extractor 30-0002.

#### SWITCH BLOCK ASSEMBLY

The switch block snaps onto the adaptor block, to remove, lever out the latches using a small screwdriver taking care not to overbend, pull off the block from the adaptor block.

### Tools



### Accessories

