

# SGB2 Series


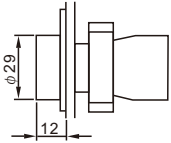

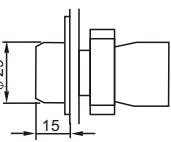

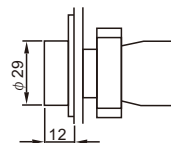

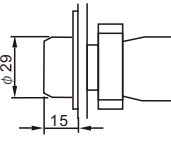
## Pushbutton switch & LED indicators




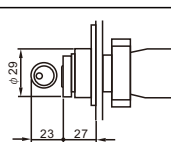

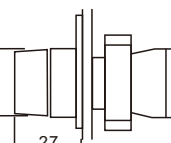

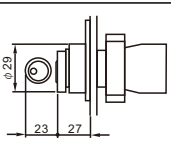
### Technical data

Standard	EN60947-1;EN60947-5-1
Insulation voltage	660V;50/60Hz
Impulse voltage wear resistance	6000V
Rated current	6A(230V AC);0.3A(230V DC)
Short circuit protection	safety device 10A gG outside in the circuit
Mechanical wear resistance	1x10 <sup>6</sup> commutation cycles
Power of mechanical compression at closing	20N
Power of mechanical compression at opening	8N
Operating temperature	-20 - +65°C
Humidity	35-85%RH
Tightening moment of the joining conductors	0.15Nm
Section of the conductor	1x0.5; 1x0.75; 1x1; 1x1.5;1x2.5mm <sup>2</sup>
To a flat metal or plastic surface with thickness	max 4mm
Opening with size	Ø 22.5mm


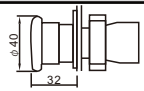

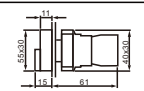

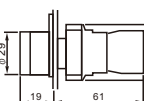

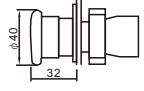

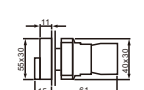

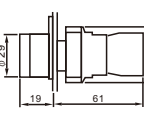


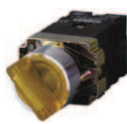
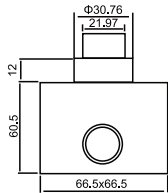
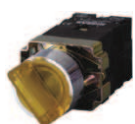
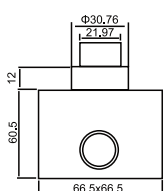
## SGB2 Series Pushbutton switch

SGB2 pushbutton switch	Contour	Color	Type of contacts	Plastic/metal
		○ ● ● ● ● ●	1NO	SGB2-EA11
			1NO	SGB2-EA21
			1NO	SGB2-EA31
			1NO	SGB2-EA51
			1NO	SGB2-EA61
			1NC	SGB2-EA42
		○ ● ● ● ● ●	1NO	SGB2-EP11
			1NO	SGB2-EP21
			1NO	SGB2-EP31
			1NO	SGB2-EP51
			1NO	SGB2-EP61
			1NC	SGB2-EP42
		○ ● ● ● ● ●	1NO	SGB2-BA11
			1NO	SGB2-BA21
			1NO	SGB2-BA31
			1NO	SGB2-BA51
			1NO	SGB2-BA61
			1NC	SGB2-BA42
		○ ● ● ● ● ●	1NO	SGB2-BP11
			1NO	SGB2-BP21
			1NO	SGB2-BP31
			1NO	SGB2-BP51
			1NO	SGB2-BP61
			1NC	SGB2-BP42

SGB2 selector	Contour	N° of position	Type of contacts	Plastic/Metal	
		2	∨	1NO	SGB2-ED21
			∇	1NO+1NC	SGB2-ED25
		3	∨	1NO	SGB2-ED41
			∇	1NO+1NC	SGB2-ED45
			∨	2NO	SGB2-ED33
			∇	2NO	SGB2-ED53
		2	∨	1NO	SGB2-EG21
			∇	1NO+1NC	SGB2-EG25
		3	∨	1NO	SGB2-EG41
			∇	1NO+1NC	SGB2-EG45
			∨	2NO	SGB2-EG33
			∇	2NO	SGB2-EG53
		2	∨	1NO	SGB2-BD21
			∇	1NO+1NC	SGB2-BD25
		3	∨	1NO	SGB2-BD41
			∇	1NO+1NC	SGB2-BD45
			∨	2NO	SGB2-BD33
			∇	2NO	SGB2-BD53
		2	∨	1NO	SGB2-BG21
			∇	1NO+1NC	SGB2-BG25
		3	∨	1NO	SGB2-BG41
			∇	1NO+1NC	SGB2-BG45
			∨	2NO	SGB2-BG33
			∇	2NO	SGB2-BG53


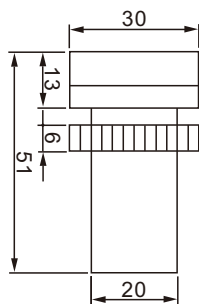

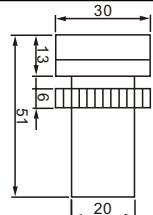
## SGB2 Series Pushbutton switch

SGB2 pushbutton switch	Contour	Description	Type of contacts	Plastic/Metal
		Red spring reverse "Mushroom" type	1NC	SGB2-ES442 SGB2-ES542 SGB2-ES642
		Green&Red double button	1NO+1NC	SGB2-EL8325 SGB2-EL9325
		white color green color yellow color blue color	1NO	SGB2-EW3161 SGB2-EW3361 SGB2-EW3561 SGB2-EW3661
		red color	1NC	SGB2-EW3462
		Red spring reverse "Mushroom" type	1NC	SGB2-BS442 SGB2-BS542 SGB2-BS642
		Green&Red double button	1NO+1NC	SGB2-BL8325 SGB2-BL9325
		white color green color yellow color blue color	1NO	SGB2-BW3161 SGB2-BW3361 SGB2-BW3561 SGB2-BW3661
		red color	1NC	SGB2-BW3462


SGB2 selector	Contour	color	N° of position & Type of contacts	Plastic/Metal
		<ul style="list-style-type: none"> <li>○</li> <li>●</li> <li>●</li> <li>●</li> <li>●</li> </ul>	2 position 1NO+1NC	SGB2-EK2765 SGB2-EK2365 SGB2-EK2565 SGB2-EK2665 SGB2-EK2465
		<ul style="list-style-type: none"> <li>○</li> <li>●</li> <li>●</li> <li>●</li> <li>●</li> </ul>	3 position 1NO+1NC	SGB2-EK3765 SGB2-EK3365 SGB2-EK3565 SGB2-EK3665 SGB2-EK3465
		<ul style="list-style-type: none"> <li>○</li> <li>●</li> <li>●</li> <li>●</li> <li>●</li> </ul>	2 position 1NO+1NC	SGB2-BK2765 SGB2-BK2365 SGB2-BK2565 SGB2-BK2665 SGB2-BK2465
		<ul style="list-style-type: none"> <li>○</li> <li>●</li> <li>●</li> <li>●</li> <li>●</li> </ul>	3 position 1NO+1NC	SGB2-BK3765 SGB2-BK3365 SGB2-BK3565 SGB2-BK3665 SGB2-BK3465


## SGD22 Series LED indicators


SGB2 Indicator	Contour	color	Description	Reference
			LED 220/240VAC 50/60HZ	SGB2-EV61
				SGB2-EV63
				SGB2-EV65
				SGB2-EV66
				SGB2-EV64


SGB2 Indicator	Contour	color	Description	Reference
		LED white	12VAC/DC	SGD22-22D-W-22
			24VAC/DC	SGD22-22D-W-23
			48VAC/DC	SGD22-22D-W-25
			110VAC/DC	SGD22-22D-W-26
			230VAC	SGD22-22D-W-31
			400VAC	SGD22-22D-W-32
		LED green	12VAC/DC	SGD22-22D-G-22
			24VAC/DC	SGD22-22D-G-23
			48VAC/DC	SGD22-22D-G-25
			110VAC/DC	SGD22-22D-G-26
			230VAC/DC	SGD22-22D-G-31
			400VAC/DC	SGD22-22D-G-32
		LED yellow	12VAC/DC	SGD22-22D-Y-22
			24VAC/DC	SGD22-22D-Y-23
			48VAC/DC	SGD22-22D-Y-25
			110VAC/DC	SGD22-22D-Y-26
			230VAC	SGD22-22D-Y-31
			400VAC	SGD22-22D-Y-32
		LED blue	12VAC/DC	SGD22-22D-B-22
			24VAC/DC	SGD22-22D-B-23
48VAC/DC	SGD22-22D-B-25			
110VAC/DC	SGD22-22D-B-26			
230VAC	SGD22-22D-B-31			
400VAC	SGD22-22D-B-32			
LED red	12VAC/DC	SGD22-22D-R-22		
	24VAC/DC	SGD22-22D-R-23		
	48VAC/DC	SGD22-22D-R-25		
	110VAC/DC	SGD22-22D-R-26		
	230VAC	SGD22-22D-R-31		
	400VAC	SGD22-22D-R-32		
		LED red	12VAC/DC	SGD22-22SM-R-22
			24VAC/DC	SGD22-22SM-R-23
			48VAC/DC	SGD22-22SM-R-25
			110VAC/DC	SGD22-22SM-R-26
			230VAC	SGD22-22SM-R-31
			400VAC	SGD22-22SM-R-32

### Auxiliary for Pushbutton Switch

Accessories for pushbutton	Contacteur auxiliary	Description	Reference
	1NO	base for SGB2	SGB2-NO
	1NC	base for SGB2	SGB2-NC

Accessories for pushbutton	Contacteur auxiliary	Description	Reference
	25X11	Brand frame for SGB2	LA800E-P08
	25X18	Brand frame for SGB2	LA800E-P12

Accessories for pushbutton	Contacteur auxiliary	Description	Reference
	φ 60	Alarm circle	LA800E-P16

Accessories for pushbutton	Contacteur auxiliary	Description	Reference
	220/240VAC	○	LA800E-LW230
		●	LA800E-LG230
		●	LA800E-LY230
		●	LA800E-LB230
		●	LA800E-LR230
	24VAC/DC	○	LA800E-LW24
		●	LA800E-LG24
		●	LA800E-LY24
		●	LA800E-LB24
		●	LA800E-LR24