



YongSung Electric Co., Ltd.



PUSH BUTTON SWITCH / ROTARY SWITCH / KEY SWITCH

PUSH BUTTON SWITCH / ROTARY SWITCH / KEY SWITCH (UL,CE Certificate)

Features

- Simple for various contact composition and panel attachment
- Protection against short circuit with protection cover
- Easy to assemble and separate from contact part
- Various types of rings (plating, black and aluminum type)

Performance Summary

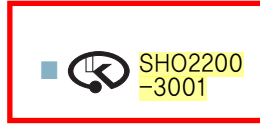
- Life time : mechanical (above 500,000 times)
electrical (above 100,000 times)
- Insulation resistance : above 100 MΩ
- Withstand voltage : AC 2,500V/ 1min

Models

- Illuminated push button switch : YSAP12-11 / **YSAP13-11** (1a1b, 2a2b), (plating, black and aluminum type)
- Emergency push button switch : YSAEP12-11 / YSAEP13-11 (1a1b, 2a2b), (plating, black and aluminum type)
- Rotary switch : YSAR2-211L,K / YSAR2-311L,K / YSAR3-211L,K / YSAR3-311L,K (1a1b, 2a2b), (plating, black and aluminum type)
- Key switch : YSAK2-211 / YSAK2-311 / YSAK3-211 / YSAK3-311 (1a1b, 2a2b), (aluminum type basis)

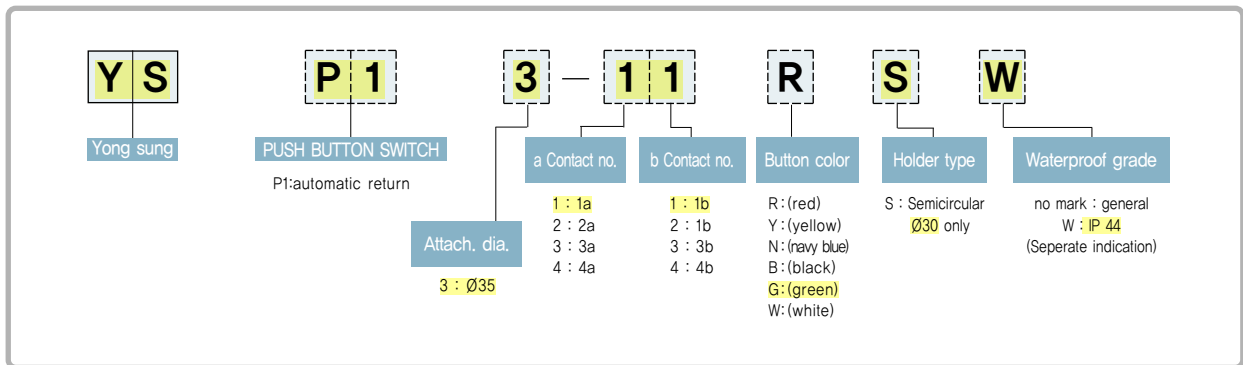


5-10 Push Button Switch (Semicircular)



IP44 : SEL80125-EL001 EX99 IP536

I Type Classification Diagram



I Performance Summary

Insulation resistance	above 100MΩ (DC 500V, Meg)
Contact resistance	below 20mΩ (Initial value)
Withstand voltage	AC 2,500V/min
Mechanical lifetime	above 500,000 times (20 times/min)
Electrical lifetime	above 100,000 times (20 times/min)
Operating force	200 ~ 350g
Ambient temperature	-25℃ ~ +40℃
Relative humidity	45 ~ 85%

I Contact Rating

AC	Rating voltage		125V	250V	440V
	Rating current		10A	6A	3A
	차단전류 (Breaking current)		closed breaking current=rating current×2.2		
DC	Rating voltage		24V	110V	220V
	Resistance	Rating current	10A	2.2A	1.1A
		Breaking current	closed breaking current=rating current×1.1		
	Induction	Rating current	5A	1.1A	0.6A
		Breaking current	closed breaking current=rating current×1.1		
Rating conductive current			10A		

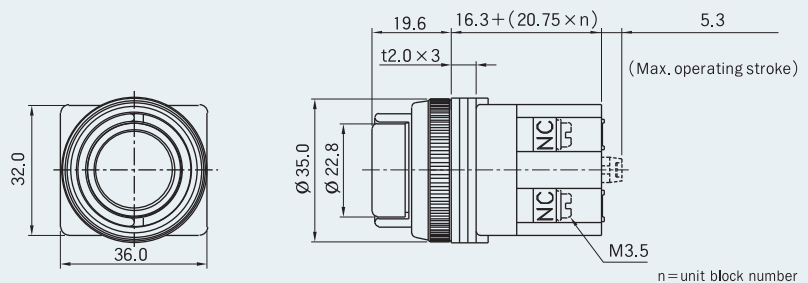
Part Materials

Part	Materials
Body	Polycarbonate Resin
Holder	Heat resistance ABS Resin
Contact	Silver
Terminal	Brass
Bolt	MSWR-3 (Zn plating)
Bottom	Acetal resin
Spring	Stainless Steel
Ring	ABS Resin

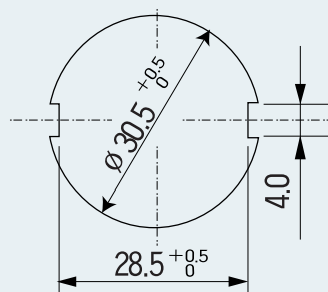
Shape / Dimension Drawing

(unit:mm)

Ø30 (S Type)

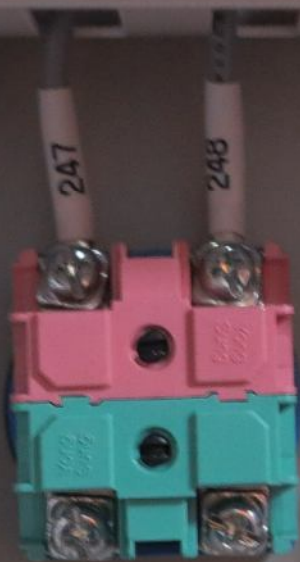


Panel Attachment Dimension

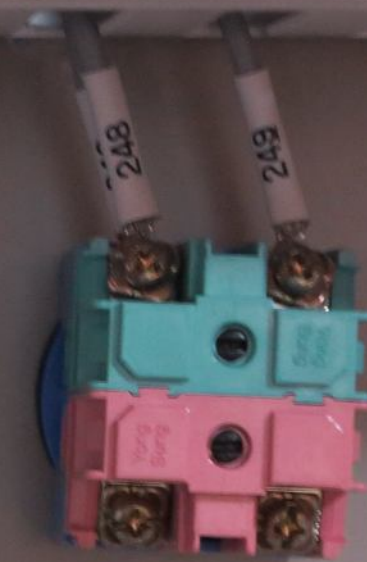


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PSP



PST



YSAP13-11
CONT RAT:AC250V6A
KTL SH02200-3001
YongSung MADE IN KOREA