Rocker Switch PRS 10 Series

ISO 9001 2008 | CE | RoHS

CIRCUIT DIAGRAM

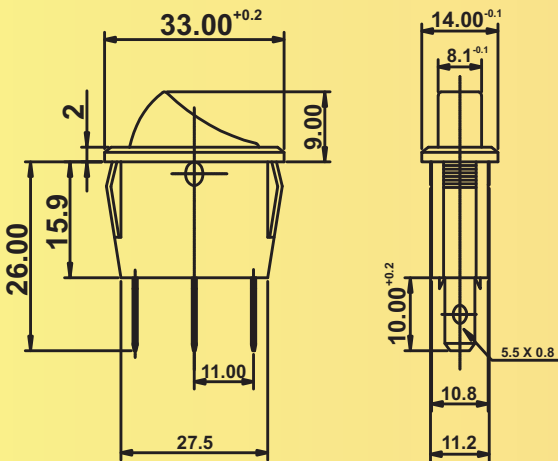ON - OFF SPST (Illuminated)
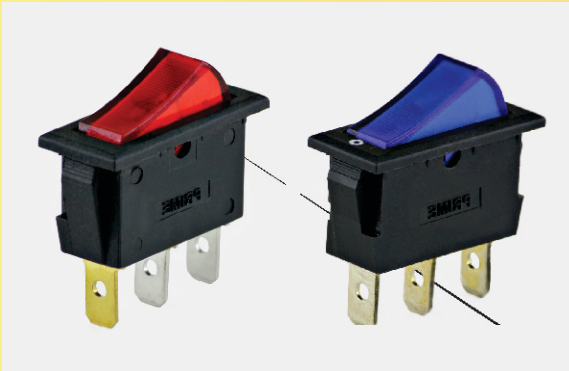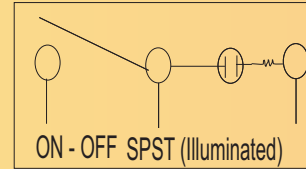
- Current rating : 16A, 250VAC/20A 125VAC
  6A 250VAC/9A 125V AC, 12V/24V DC
- Function : 102 (SPST)
- Type : IL (Illuminated)
- Cut out Size : 11 mm X 30 mm

DIMENSIONS

33.00⁺⁰·² 14.00⁻⁰·¹
8.1⁻⁰·¹
9.00
2
15.9
26.00
10.00⁺⁰·²
5.5 X 0.8
11.00
10.8
27.5
11.2

TECHNICAL SPECIFICATION

INSULATION RESISTANCE (New State) at 500V DC for 1minute	> 100 megohms. Ref : EN 61058-1
CONTACT RESISTANCE (New State)	< 10 milliohms Ref : EN 61058-1
DIELECTRICAL STRENGTH (New State)	Across reinforced insulation 3000V / Across full disconnection 1500V / Across micro disconnection 500V Ref : EN 61058-1
High voltage resistance	>1500V 1 min.

TERMINAL STRENGTH Push and pull forces for terminals in Newtons (N) (Ref : EN 61058-1)	Terminal Size	Push - N	Pull - N
	5.5/6.3 x 0.8 mm.	96	88

Mechanical life:	Over 30000 cycles
ELECTRICAL ENDURANCE	10,000 CYCLES min. Ref.: EN :61058-1 / 6,000 CYCLES min. (CSA- C22.2 No.55)
DEGREE OF PROTECTION	IP 30/40 Ref.: EN :61058-1
PROTECTION AGAINST ELECTRIC SHOCK	CLASS II APPLIANCE Ref.: EN :61058-1
HEAT & FIRE RESISTANCE	LEVEL 3 Glow wire test at 850° C Ref.: EN :61058-1
DEGREE OF POLLUTION	2 (NORMAL) Ref.:EN :61058-1
Ambient temperature:	-20°C to +85°C
TEMPERATURE RISE AT THE TERMINALS	max. 30° c (CSA- C22.2 No.55)
(ACCORDING TO ELECTRICAL LIFE ENDURANCE)	max. 55° c (UL- 1054) (EN :61058-1)
RoHS COMPLIANT	YES
Atmospheric humidity	Max.85%
Solder ability of terminal	Max 350°C,3s / 270°C,5s

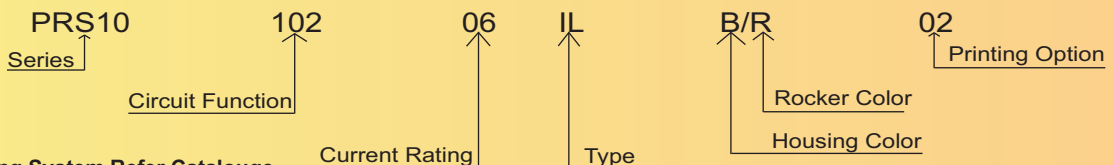### PANEL CUT OUT

X
Y
N

Panel Thikness z (mm)	X (mm)	Y (mm)
0.70~1.25	11.00	30.00
1.25~2.00	11.00	30.20
2.00~3.00	11.00	30.40

MATERIALS

Housing : Polyamide (Nylon 66) - UL 94, V-2

Rocker : Polycarbonate

Contacts : Silver alloy / Cu alloy

Terminal : Cu Alloy Silver / Tin plated

Movable Arm : Cu Alloy, Silver/ Tin Plated

ORDERING SYSTEM

Ordering Code : PRS 10 102 06 IL B/R-02

PRS10	102	06	IL	B/R	02
Series	Circuit Function	Current Rating	Type	B/R Rocker Color / Housing Color	Printing Option

Note : For Details Of Ordering System Refer Catalouge