



An ISO 9001 : 2008 Company

# Prime Components

*"Connections for life"*



**Reliable Connections, Global Quality & Committed Service.....**



## OPERATING FUNCTIONS

( ) INDICATES MOMENTARY ACTION

CIRCUIT FUNCTION	CODE	FUNCTIONS
ON ON	101	SINGLE POLE DOUBLE THROW
ON OFF	102	SINGLE POLE SINGLE THROW
ON (OFF) ON	103	SINGLE POLE DOUBLE THROW-CENTER OFF
(ON) OFF (ON)	105	SPDT-CENTER OFF WITH SPRING RETURN ON BOTH POSITION
(ON) OFF ON	107	SPDT-CENTER OFF WITH SPRING RETURN IN ONE POSITION
(ON) OFF	108	SPST SPRING RETURN
ON ON	201	DOUBLE POLE DOUBLE THROW
ON OFF	202	DOUBLE POLE SINGLE THROW
ON (OFF) ON	203	DOUBLE POLE DOUBLE THROW-CENTER OFF
(ON) OFF (ON)	205	DPDT-CENTER OFF WITH SPRING RETURN ON BOTH POSITION
(ON) OFF ON	207	DPDT-CENTER OFF WITH SPRING RETURN IN ONE POSITION
(ON) OFF	208	DPST SPRING RETURN

## GENERAL

### 1. ELECTRICAL CHARACTERISTICS

Our switches are suitable for switching of resistive, inductive & capacitive loads to the extent of current and voltage ratings of our individual switches, as indicated against them.

### 2. AMBIENT TEMPERATURE

Our switches are suitable for operation in an ambient Temperature upto 85°C, i.e, T85

### 3. REFERENCE STANDARDS

EN :61058-1, CSA-C22.2 No.55-M1986 & UL - 1054

## ROCKER COLORS

Rocker	Code
Black	B
Red	R
White	W
Gray	Gy
Yellow	Y
Green	G
Amber	A
Blue	BI

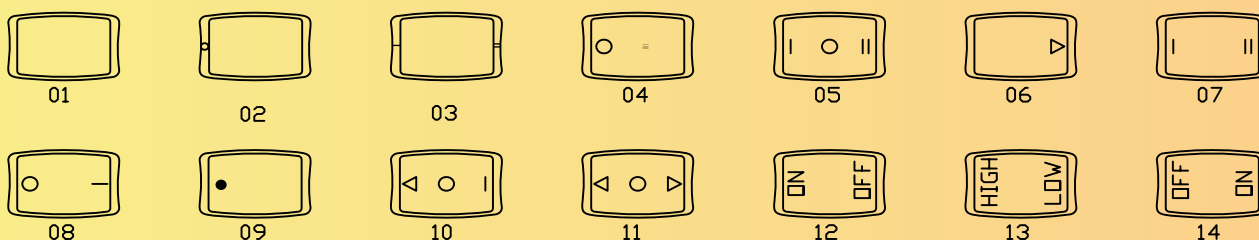
## HOUSING COLOR

Housing	Code
Black	B
White	W
Gray	Gy

## TYPE

Code	Type
NI	NON ILLUMINATED
IL	ILLUMINATED
NT	NON ILLUMINATED TRANSPARENT

## PRINTING OPTION



Note : Other Options Available On Request

## ORDERING SYSTEM

Ordering Code : PRS 10 102 16 NI B/B-02



Off / Works : 830, GIDC Estate, Makarpura, Vadodara - 390010



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## Rocker Switches



**Series** : PRS - 17  
**Function** : DPST, DPDT, C - OFF, MOMENTARY  
**Rating** : 16/10/6A, 250V AC  
 20/9A, 125V AC, 12/24V DC  
**Type** : IL/NI  
**Cut Out Size** : 22 mm X 30 mm



**Series** : PRS - 16  
**Function** : DPST, DPDT  
**Rating** : 16/10/6A, 250V AC  
 20/9A, 125V AC, 12/24V DC  
**Type** : IL/NI  
**Cut Out Size** : 22 mm X 30 mm



**Series** : PRS - 11  
**Function** : SPST, SPDT, C - OFF, MOMENTARY  
**Rating** : 16/10/6A, 250V AC, 20/9A  
 125V AC, 12/24V DC  
**Type** : NI  
**Cut Out Size** : 11.5 mm X 28.2 mm



**Series** : PRS - 10  
**Function** : SPST, SPDT, C - OFF, MOMENTARY  
**Rating** : 16/10/6A, 250V AC  
 20/9A, 125V AC, 12/24V DC  
**Type** : IL/NI  
**Cut Out Size** : 11 mm X 30 mm



**Series** : PRS - 6  
**Function** : DPST, DPDT, C - OFF, MOMENTARY  
**Rating** : 6A, 250V AC  
 9A, 125V AC, 12/24V DC  
**Type** : IL/NI  
**Cut Out Size** : 19 mm X 22 mm



**Series** : PRS - 4  
**Function** : DPST  
**Rating** : 6A, 250V AC  
 9A, 125V AC, 12/24V DC  
**Type** : IL/NI  
**Cut Out Size** : 12.9 mm X 19.2 mm



**Series** : PRS - 2  
**Function** : SPST, SPDT, C - OFF, MOMENTARY  
**Rating** : 2/4/6A, 250V AC  
 9A, 125V AC, 12/24V DC  
**Type** : IL/NI  
**Cut Out Size** : 12.9 mm X 19.2 mm



**Series** : PRR - 2  
**Function** : SPST, SPDT, C - OFF, MOMENTARY  
**Rating** : 2/4/6A, 250V AC  
 9A, 125V AC, 12/24V DC  
**Type** : IL/NI  
**Cut Out Size** :  $\varnothing$  20.2 mm



**Series** : PMR - 1  
**Function** : SPST, SPDT  
**Rating** : 2A, 250V AC  
 3A, 125V AC, 12/24V DC  
**Type** : IL/NI  
**Cut Out Size** : 9 mm X 14 mm



**Series** : PPS - 1  
**Function** : PUSH TO ON  
**Rating** : 2A, 250V AC  
 3A, 125V AC, 12/24V DC  
**Type** : NI  
**Cut Out Size** : 12.9 mm X 19.2 mm

## Rotary Switches



**Series** : RO/ROF  
**Grade** : Industrial / Commercial  
**No Of Pole** : 1/2/4  
**No Of Ways** : 2 TO 12  
**Rating** : 150 mA / 250V AC  
**Terminals** : PCB Mounting



**Series** : ROF  
**Type** : Toyo Big / Mini  
**No Of Pole** : 1  
**No Of Ways** : Up To 5  
**Rating** : 150 mA / 250V AC  
**Terminals** : PCB Mounting



**Series** : Mini 4 Step  
**No Of Pole** : 1/2  
**No Of Ways** : Up To 4  
**Rating** : 150 mA / 250V AC  
**Terminals** : PCB Mounting



**Series** : ROP  
**No Of Pole** : 1  
**No Of Ways** : Up To 5  
**Rating** : 150 mA / 250V AC  
**Terminals** : PCB Mounting



**Series** : Mini ROF  
**Type** : Full Rotation  
**No Of Pole** : 1  
**No Of Ways** : Up TO 4  
**Rating** : 150 mA / 250V AC  
**Terminals** : PCB Mounting

## Toggle Switches



**Model** : SPDT, DPDT  
**Type** : Sub Miniature  
**Rating** : 3A, 250V AC  
**Fixing** : Panel Screw Up  
**Terminals** : Solder  
**Mounting Hole** :  $\varnothing$  6mm

## Fuse Holders



**Series** : EFH 1  
**Fuse Link** : 5 X 20 mm  
**Rating** : 6.3A, 250V AC  
**Type** : Panel Screw Up  
**Nut** : Plastic, Metal  
**Cut Out Size** :  $\varnothing$  12.6mm



**Series** : FH 1  
**Fuse Link** : 5 X 20 mm  
**Rating** : 6.3A, 250V AC  
**Type** : Panel Screw Up  
**Nut** : Metal  
**Cut Out Size** :  $\varnothing$  12.6mm



**Series** : FH 1S  
**Fuse Link** : 5 X 20 mm  
**Rating** : 6.3A, 250V AC  
**Type** : Snap Mounting  
**Cut Out Size** :  $\varnothing$  12.6mm



**Series** : FH 6  
**Fuse Link** : 6.3 X 32 mm  
**Rating** : 10A, 250V AC  
**Type** : Panel Screw Up  
**Nut** : Metal  
**Cut Out Size** :  $\varnothing$  16.2mm



**Series** : FH 6S  
**Fuse Link** : 6.3 X 32 mm  
**Rating** : 10A, 250V AC  
**Type** : Snap Mounting  
**Cut Out Size** :  $\varnothing$  16.2mm



**Series** : FH 7  
**Fuse Link** : 5 X 20 mm  
**Rating** : 6.3A, 250V AC  
**Type** : Panel Screw Up  
**Nut** : Metal  
**Cut Out Size** :  $\varnothing$  12.6mm



**Series** : FH 7S  
**Fuse Link** : 5 X 20 mm  
**Rating** : 6.3A, 250V AC  
**Type** : Snap Mounting  
**Cut Out Size** :  $\varnothing$  12.6mm



**Series** : FH R  
**Fuse Link** : 5 X 20 mm  
**Rating** : 10A, 250V AC  
**Type** : Panel Screw Up  
**Nut** : Metal  
**Cut Out Size** :  $\varnothing$  16.2mm



## Power Sockets



**Series** : PPS 6  
**Function** : Mains Outlet  
**Rating** : 6A, 250V AC  
**Type** : Snap Mounting  
**Cut Out Size** : 35 X 35 mm



**Series** : PPS 16  
**Function** : Mains Outlet  
**Rating** : 16A, 250V AC  
**Type** : Snap Mounting  
**Cut Out Size** : 42.5 X 50.8 mm



**Series** : PMI 20  
**Function** : Mains Inlet  
**Rating** : 10A, 250V AC  
**Type** : Screw Mounting  
**Cut Out Size** : 19.8 X 27.8 mm



**Series** : PMO 21  
**Function** : Mains Outlet  
**Rating** : 10A, 250V AC  
**Type** : Screw Mounting  
**Cut Out Size** : 25 X 32.5 mm



**Series** : DC 022  
**Function** : DC Inlet  
**Rating** : 12/24V DC  
**Type** : Panel Screw Up  
**Cut Out Size** :  $\varnothing$  12.6 mm



**Series** : DC 021  
**Function** : DC Inlet  
**Rating** : 12/24V DC  
**Type** : Panel Screw Up  
**Cut Out Size** :  $\varnothing$  12.6 mm

### DC Jack Adopter



**Series** : DCA 21  
**Function** : DC Outlet  
**Rating** : 12/24V DC  
**Pin** :  $\varnothing$  2.1 mm  
**Wire Length** : As Per Requirement



**Series** : DCI 21  
**Function** : DC Inlet  
**Rating** : 12/24V DC  
**Pin** :  $\varnothing$  2.1 mm  
**Wire Length** : As Per Requirement

## Banana Terminals & Plugs



**Series** : BTI 30  
**Rating** : 30A / 250V AC  
**Plug Size** : 4 mm  
**Std. Colour** : Red, Black, Green, Blue, Yellow



**Series** : BTI 15  
**Rating** : 15A / 250V AC  
**Plug Size** : 4 mm  
**Std. Colour** : Red, Black, Green, Blue, Yellow



**Series** : BTI 5  
**Rating** : 5A / 250V AC  
**Plug Size** : 2 mm  
**Std. Colour** : Red, Black, Green, Blue, Yellow



**Series** : BS 5  
**Rating** : 10A / 250V AC  
**Plug Size** : 4 mm  
**Std. Colour** : Red, Black, Green, Blue, Yellow



**Series** : BS 2  
**Rating** : 5A / 250V AC  
**Plug Size** : 2 mm  
**Std. Colour** : Red, Black, Green, Blue, Yellow



**Series** : BTP 1  
**Rating** : 5A / 250V AC  
**Plug Size** : 2 mm  
**Std. Colour** : Red, Black, Green, Blue, Yellow



**Series** : **BTP 2**  
**Rating** : 5A / 250V AC  
**Plug Size** : 2 mm  
**Std. Colour** : Red, Black, Green, Blue, Yellow

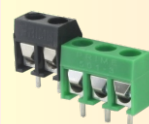


**Series** : **BTP 4**  
**Rating** : 30A / 250V AC  
**Plug Size** : 4 mm  
**Std. Colour** : Red, Black, Green, Blue, Yellow

## PCB Terminal Blocks



**Series** : **500**  
**Rating** : 10A / 250V AC  
**Pitch** : 5.00 mm  
**Wire Size** : 0.5 - 2.5 mm<sup>2</sup>



**Series** : **501**  
**Rating** : 10A / 250V AC  
**Pitch** : 5.00 mm  
**Wire Size** : 0.5 - 2.5 mm<sup>2</sup>



**Series** : **126**  
**Rating** : 10A / 250V AC  
**Pitch** : 5.00 mm  
**Wire Size** : 0.5 - 2.5 mm<sup>2</sup>



**Series** : **PBT W**  
**Rating** : 10A / 250V AC  
**Pitch** : 5.00 mm  
**Wire Size** : 0.5 - 2.5 mm<sup>2</sup>



**Series** : **350**  
**Rating** : 7A / 250V AC  
**Pitch** : 3.50 mm  
**Wire Size** : 0.5 - 0.8 mm<sup>2</sup>



**Series** : **381**  
**Rating** : 7A / 250V AC  
**Pitch** : 3.81 mm  
**Wire Size** : 0.5 - 0.8 mm<sup>2</sup>



**Series** : **762**  
**Rating** : 10A / 600V AC  
**Pitch** : 7.62 mm  
**Wire Size** : 0.5 - 2.5 mm<sup>2</sup>



**Series** : **ETK 50**  
**Rating** : 10A / 600V AC  
**Pitch** : 10.16 mm  
**Wire Size** : 0.5 - 2.5 mm<sup>2</sup>



**Series** : **PUT 2.5**  
**Rating** : 20A / 600V AC  
**Pitch** : 7.50 x 10.00 mm  
**Wire Size** : 0.5 - 4.00 mm<sup>2</sup>



**Series** : **527**  
**Rating** : 10A / 250V AC  
**Pitch** : 5.00 mm  
**Wire Size** : 0.5 - 2.5 mm<sup>2</sup>

## Push Fix Type Connectors



**Series** : **PFT - 250**  
**Type** : Push Fix  
**Rating** : 6A / 250V AC / 2A 160V AC  
**Pitch** : 3.50 / 2.54 mm  
**Wire Size** : 0.2 mm<sup>2</sup> - 1.5 mm<sup>2</sup>



**Series** : **PFT - 235**  
**Type** : Push Fix  
**Rating** : 10A / 250V AC  
**Pitch** : 5.00 x 5.00 mm  
**Wire Size** : 0.5 mm<sup>2</sup> - 1.5 mm<sup>2</sup>



**Series** : **TLPL/HID**  
**Rating** : 20A / 300V AC  
**Pitch** : 7.50 x 10.00 mm  
**Wire Size** : 4.00 mm<sup>2</sup>



**Series** : **PRC 1**  
**Rating** : 1A / 250V AC  
**Pitch** : 2.54 mm

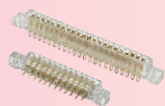
## Edge Connectors



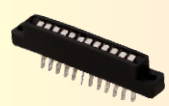
**Series** : PC 1  
**Contact Type** : Tuning Fork  
**Termination** : Solder (Open/Close)  
**No. Of Contacts**: 10, 12, 16, 22  
**Pitch** : 3.96 mm  
**Insulator** : DAP / Bakelite  
**Contact Finish** : Gold / Tin



**Series** : PC 2  
**Contact Type** : Bellows  
**Termination** : Solder / PMT  
**No. Of Contacts**: 6, 10, 12, 16, 18, 22  
**Pitch** : 3.96 mm  
**Insulator** : Polycarbonate / PBT  
**Contact Finish** : Gold / Tin



**Series** : PC 2A  
**Contact Type** : Bifurcated Double Bellows  
**Termination** : Solder / PMT  
**No. Of Contacts**: 22, 44  
**Pitch** : 3.96 mm  
**Insulator** : PBT / PC  
**Contact Finish** : Gold / Tin



**Series** : PC 2B  
**Contact Type** : Single Side Bellows  
**Termination** : Solder  
**No. Of Contacts**: 12  
**Pitch** : 3.96 mm  
**Insulator** : Nylon  
**Contact Finish** : Gold / Tin



**Series** : PC 3  
**Contact Type** : Bifurcated Bellows  
**Termination** : Solder / PMT  
**No. Of Contacts**: 10, 12, 16, 22  
**Pitch** : 3.96 mm  
**Insulator** : DAP / Bakelite  
**Contact Finish** : Gold / Tin



**Series** : PC 40  
**Type** : Rack & Panel Miniature  
**No. Of Poles** : 8 & 16  
**Male** : Round Pin Solder/PMT  
**Female** : Tuning Fork  
**Termination** : Solder  
**Polarisation** : Staggered Arrangement

## Upcoming Products...

### Toggle Switches



### Power Entry Components



Off / Works : 830, GIDC Estate, Makarpura, Vadodara - 390010



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