



ROCKER SWITCH

ROCKER SWITCH MR SERIES



RATING

- Non-illuminated type: (cURus , ENEC15)
 - 16(4)A 125/250V ~T125/55, 1E4
 - 12(4)A 125/250V ~T125/55, 1E4
 - 10(4)A 125/250V ~T125/55, 1E4
 - 16RA 30VDC MAX ~T125/55, 1E4
- Illuminated type: (cURus , ENEC15)
 - 16(4)A 125/250V~T55, 1E4
 - 12(4)A 125/250V~T55, 1E4
 - 10(4)A 125/250V~T55, 1E4
 - 12RA 30VDC MAX T55, 1E4
- UL1054 approved: (cURus)
 - 10A 125VAC, 8A 250VAC 1/4HP 125/250VAC
- CQC (GB15092.1/ GB8898)
 - 10(4)A 250V~T125/55 1E4
- KC (Korea)
 - 10(4)A 250V , 1E4 , optional

FEATURES

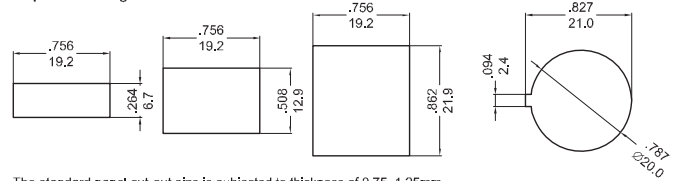
- Initial contact resistance : 20m ohm max.
- Insulation resistance : 100M ohm min. at 500VDC
- Dielectric strength : 1,500VAC for 1 minute
- Safety approved internationally by cURus in North America, ENEC15 in Europe, CQC & KC in Asia
- Standard 13x19 mm and half body
- DPST, SPST circuitry
- Terminals options: quick-connect, solder and PCB pins
- Optional IEC60335-1 glow wire test 750°Cs2 Sec (optional)
- Built in with optional neon lamp, DC LED lamp upon request
- Waterproof cover boot as optional accessory

MR	2	1	1	C	5	W	L	B
SERIES SYMBOL	POLE	FUNCTION	TERMINAL TYPE	ACTUATOR TYPE	MARKING TYPE	MARKING COLOR	ILLUMINATED TYPE	BASE COLOR
MR SERIES	1 SINGLE 2 DOUBLE H HALF BODY	1 ON-OFF	0 QUICK CONNECT 1 SOLDER 2 PC TERMINALS	C CURVE R ROUND	1 HI LO 2 NO MARKING 3 ON OFF 4 ○ 5 ○ —	N NO B BLACK W WHITE R RED	N NO LAMP L ILLUMINATED 100~125VAC G ILLUMINATED 200-250VAC P PC ACTUATOR NON-LIGHTED 1 LED BULB DC12V	B BLACK W WHITE A GRAY

R	A	XXX
ACTUATOR COLOR	RATING TEMPERATURE	SUFFIXES
B BLACK W WHITE A GRAY O ORANGE G GREEN R RED	A 10(4)A 125/250VAC T55 B 12(4)A 125/250VAC T55 C 16(4)A 125/250VAC T55 D 16A (6~30VDC) T55 1 10(4)A 125/250VAC T125/55 2 12(4)A 125/250VAC T125/55 3 16(4)A 125/250VAC T125/55 4 16A (6~30VDC) T125/55	BLANK OR LETTER / NUMBER CUSTOMER CODE

PANEL CUT-OUT

Snap-in mounting

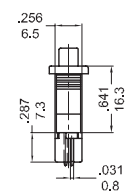
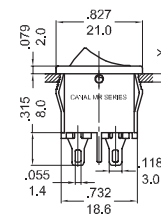
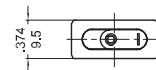
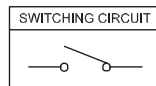


The standard panel cut-out size is subjected to thickness of 0.75~1.25mm, the tolerance or other thicknesses, please consult our sales.

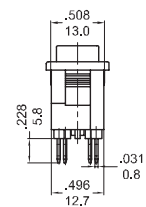
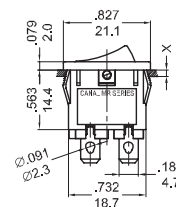
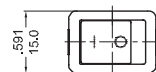
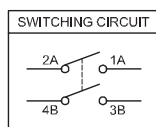
PANEL THICKNESS:1.0~2.0mm



MR-H11C4W-NBRB-37N



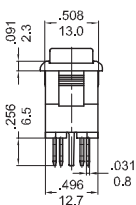
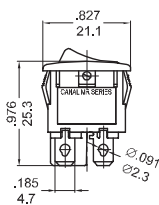
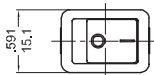
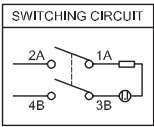
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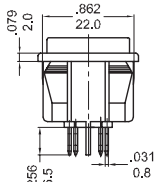
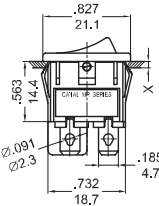
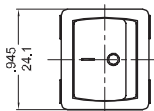
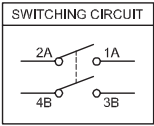
ROCKER SWITCH MR SERIES



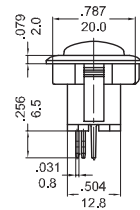
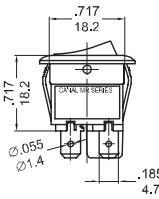
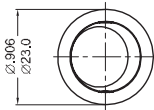
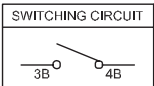
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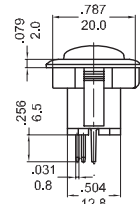
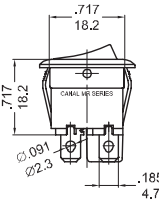
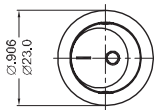
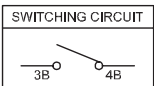
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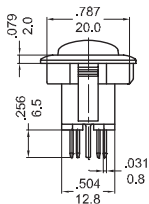
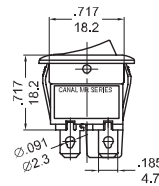
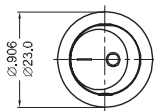
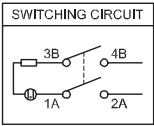
MR-110R2N-NBBB-12N



MR-111R5B-NWWB-12N



MR-211R5W-LBRB-12N



ROCKER SWITCH MR2 SERIES



RATING

- 12A 125/250VAC, 10A 125/250VAC (UL, CUL)
- 6A 125VAC, 3A 250VAC(UL, CUL)
- 10(4)A 250VAC~ T125/55 (VDE ENEC10)
- 10(4)A 250V~T125/55 (CQC)
- TV-6 (UL, CUL), optional
- 20A 125VAC, 12A 250VAC (UL, CUL) optional
- 10A 12/14/18/24 VDC (UL,CUL)
- 16(8)A 250V T85 1E4 VDE ENEC10, optional
- Initial contact resistance : 20m ohm max.
- Insulation resistance : 100M ohm min., at 500VDC
- 6A 250VAC 10E3 (KC) for specific model

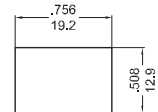
FEATURES

- Dielectric strength : 1,000VAC for 1 minute
- Electrical life : 10,000 cycles
- Switch for Class II appliances
- Base : Nylon 66, UL rated 94V-2 min
- Actuator : Nylon 66, UL rated 94V-2 min
- Spring : Piano wire
- Contact : Silver alloy
- Terminals: Silver plated Copper
- Standard 12.9x19.2mm snap-in cutout size
- Waterproof cover boot as optional accessory

MR2	1	1	0	C	2	B	B
SERIES SYMBOL	POLE	FUNCTION	TERMINAL TYPE	ACTUATOR TYPE	MARKING TYPE	BASE COLOR	ACTUATOR COLOR
MR2 SERIES	1 SINGLE POLE	1 ON-OFF 2 ON-ON 3 ON-OFF-ON 4 (ON)-OFF () = Momentary	0 QUICK CONNECT 1 SOLDER 2 PC (RIGHT ANGLE) 3 PC (STRAIGHT)	C CURVE H K	1 HI LO 2 NO MARKING 3 ON OFF 4 ○ 5 ○ — 6 ●	A GRAY B BLACK W WHITE	A GRAY B BLACK W WHITE R...RED
5	N	W	X				
RATING BASE TYPE	WATER PROOF COVER	LEGEND COLOR	SUFFIXES				
3 10A 125VAC 6A 250VAC 5 10A 125VAC 6A 250VAC	N NONE W WATER PROOF	N NONE B BLACK W WHITE	BLANK NUMBER OR LETTERS (CUSTOM CODE)				
6 20A 125VAC 12A 250VAC 9 20A 125VAC 12A 250VAC TV-6							

PANEL CUT-OUT

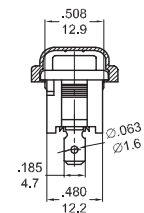
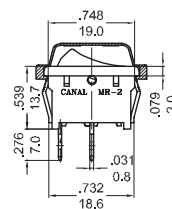
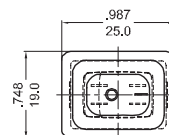
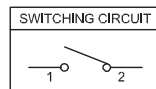
Snap-in mounting



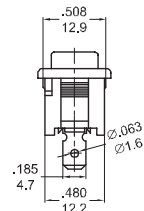
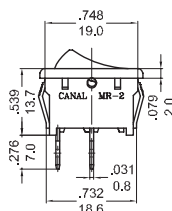
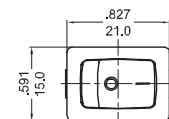
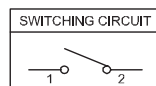
The standard panel cut-out size is subjected to thickness of 0.75~1.25mm, the tolerance or other thicknesses, please consult our sales.



MR-2-110-C5-BR-3WW



MR-2-110-C5-WW-3NB



ROCKER SWITCH MR2-R SERIES



RATING

- 12A 125/250VAC, 10A 125/250VAC (UL, CUL)
- 6A 125VAC, 3A 250VAC(UL, CUL)
- 10(4)A 250VAC~ T125/55 (VDE ENEC10)
- 10(4)A 250V~T125/55 (CQC)
- TV-6 (UL, CUL), optional
- 20A 125VAC, 12A 250VAC (UL, CUL) optional
- 10A 12/14/18/24 VDC (UL,CUL)
- 16(8)A 250V T85 1E4 VDE ENEC10 , optional
- Initial contact resistance : 20m ohm max.
- Insulation resistance : 100M ohm min., at 500VDC
- 6A 250VAC 10E3 (KC) for specific model

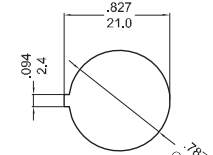
FEATURES

- Dielectric strength : 1,000VAC for 1 minute
- Electrical life : 10,000 cycles
- Switch for Class II appliances
- Base : Nylon 66, UL rated 94V-2 min
- Actuator : PC / Nylon 66, UL rated 94V-2 min
- Spring : Piano wire
- Contact : Silver alloy
- Terminals: Silver plated Copper
- Lamp: Neon or LED

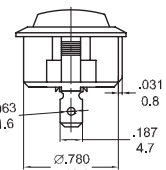
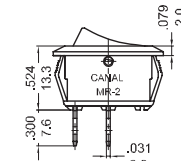
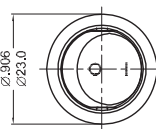
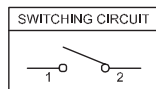
MR2	1	1	0	R	2		BB	
SERIES SYMBOL	POLE	FUNCTION	TERMINAL TYPE	ACTUATOR TYPE	MARKING TYPE	ILLUMINATED TYPE	BASE COLOR	ACTUATOR COLOR
MR2 SERIES	1 SINGLE POLE	1 ON-OFF 2 ON-ON 3 ON-OFF-ON 4 (ON)-OFF () = Momentary	0 QUICK CONNECT 1 SOLDER 3 PC TERMINALS (STRAIGHT)	R ROUND	1 HI LO 2 NO MARKING 3 ON OFF 4 ○ 5 ○ — 6 ●	L ILLUMINATED □ NO ILLUMINATED	B BLACK W WHITE A GRAY	B BLACK W WHITE A GRAY R RED O ORANGE G GREEN

RATING BASE TYPE			N	W	X
10A 125VAC 6A 250VAC ILLUMINATED	20A 125VAC 12A 250VAC NO ILLUMINATED	20A 125VAC 12A 250VAC TV-6 ILLUMINATED	N NONE W WATER PROOF	N NONE B BLACK W WHITE	BLANK NUMBER OR LETTERS (CUSTOM CODE)

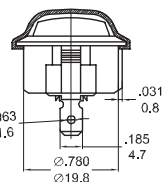
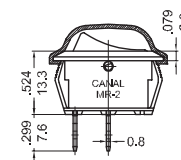
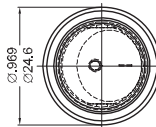
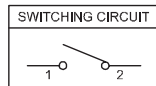
PANEL CUT-OUT
Snap-in mounting



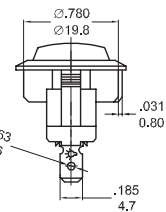
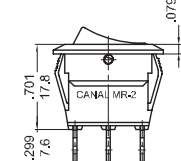
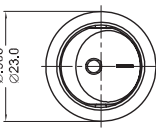
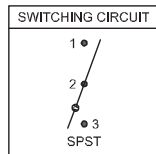
PANEL THICKNESS: 1.0~2.0mm



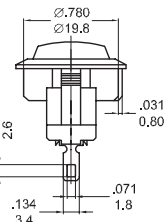
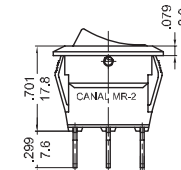
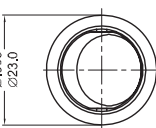
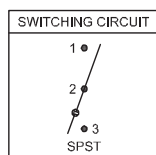
MR-2-110-R4-BB-6NW



MR-2-110-R5-WW-6WB



MR-2-110-R5L-BG-NW



MR-2-111-R2L-BR-NN

ROCKER SWITCH MR3 SERIES



RATING

- 10A 125 / 250VAC (UL/CUL)
- 10(4) 250V~T85 (FIMKO, ENEC16)
- Initial contact resistance : 20m ohm max.
- Insulation resistance : 100M ohm min, at 500VDC
- Dielectric strength : 1,000 VAC for 1 minute
- Electrical life : 6000(UL) 10,000 cycles(ENEC16)

FEATURES

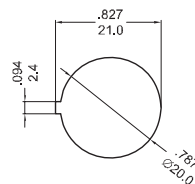
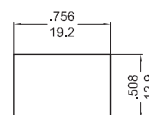
- Base : Nylon 66, 94V-2 min.
- Actuator : Nylon 66, 94V-2 min.
- Spring : Piano wire
- Contact arm : Silver plated copper alloy
- Terminals : Silver plated copper
- Waterproof cover boot as optional accessory

MR3	—	2	3	0	—	C	2	—	B
SERIES SYMBOL		POLE	FUNCTION	TERMINAL TYPE		ACTUATOR TYPE	MARKING TYPE		BASE COLOR
MR3 SERIES		1 SINGLE 2 DOUBLE	1 ON-OFF 2 ON-ON 3 ON-OFF-ON	0 QUICK-CONNECT 1 SOLDER 2 PC PIN		C CURVE R ROUND	1 HI LO 2 NO MARKING 3 ON OFF 4 5 6		B BLACK W WHITE A GRAY

B	W	B	X
ACTUATOR COLOR	WATERPROOF COVER	LEGEND COLOR	SUFFIXES
B BLACK A GRAY W WHITE R RED	N NONE W COVER S COVER SPARE	B BLACK R RED W WHITE N NONE	BLANK NUMBER OR LETTERS (CUSTOM CODE)

PANEL CUT-OUT

Snap-in mounting

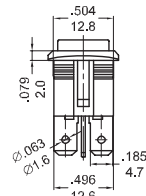
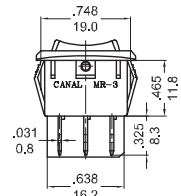
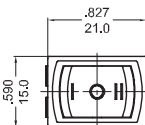
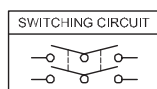


The standard panel cut-out size is subjected to thickness of 0.75~1.25mm, the tolerance or other thicknesses, please consult our sales.

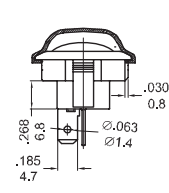
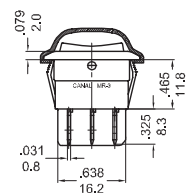
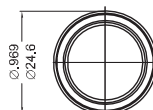
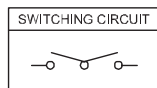
PANEL THICKNESS:1.0~2.0mm



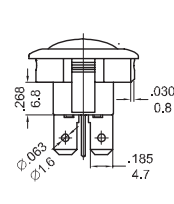
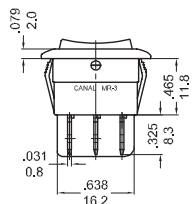
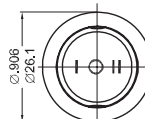
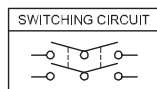
MR3-230-C6-BRNW



MR3-130-R2-BBWN



MR3-230-R6-BBNW



ROCKER SWITCH MR3-H SERIES



RATING

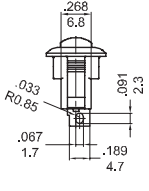
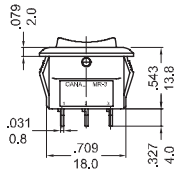
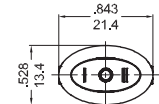
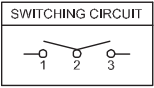
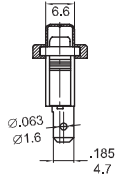
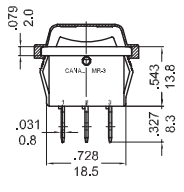
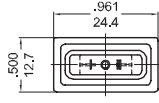
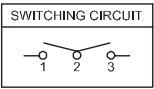
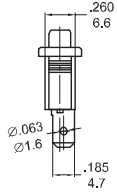
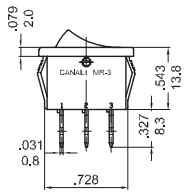
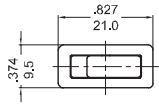
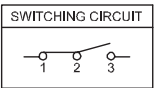
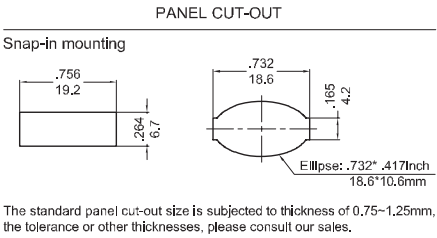
- 10A 125 / 250VAC (UL/CUL)
- 10(4) 250V~T85 (FIMKO, ENEC16)
- Initial contact resistance : 20m ohm max.
- Insulation resistance : 100M ohm min, at 500VDC
- Dielectric strength : 1,000 VAC for 1 minute
- Electrical life : 6000(UL) 10,000 cycles(ENEC16)

FEATURES

- Base : Nylon 66, 94V-2 min.
- Actuator : Nylon 66, 94V-2 min.
- Spring : Piano wire
- Contact arm : Silver plated copper alloy
- Terminals : Silver plated copper
- Waterproof cover boot as optional accessory

MR3	H	3	1	O	6	W
SERIES SYMBOL	POLE	FUNCTION	TERMINAL TYPE	ACTUATOR TYPE	MARKING TYPE	BASE COLOR
MR3 SERIES	H SINGLE	1 ON-OFF 2 ON-ON 3 ON-OFF-ON	0 QUICK-CONNECT 1 SOLDER 2 PC PIN	C CURVE O OVAL	1 HI LO 2 NO MARKING 3 ON OFF 4 ○ I 5 ○ — 6 I ○ II	B BLACK W WHITE A GRAY

W	N	B	X
ACTUATOR COLOR	WATERPROOF COVER	LEGEND COLOR	SUFFIXES
B BLACK A GRAY W WHITE R RED	N NONE W COVER S COVER SPARE	B BLACK R RED W WHITE N NONE	BLANK NUMBER OR LETTERS (CUSTOM CODE)



ROCKER SWITCH MR5 SERIES (LED LAMP)



RATING

- 6A 125VAC, 3A 250VAC μ T100/55 (cURus, ENEC15)
- 6A DC30V MAX. μ T100/55 (cURus, ENEC15)
- Initial contact resistance : 20m ohm max.
- Insulation resistance : 100M ohm min. at 500VDC
- Dielectric strength : 1,000VAC FOR 1 MINUTE.
- Patent No: ZL201020514219.0 (CHINA)

FEATURES

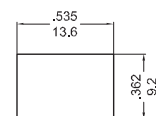
- New release: LED lamps type with rocker or paddle actuator
- Laser carving icon or pc transparent actuator.
- SPST & Independent LED circuit,
- Appealing and patent outlook
- 9.2x13.6mm rectangle

MR5	1	1	1	F	E	N	1
SERIES SYMBOL	POLE	FUNCTION	TERMINAL TYPE	ACTUATOR TYPE	MARKING TYPE	MARKING COLOR	ILLUMINATED TYPE
MR5 SERIES	1 SINGLE POLE	1 ON-OFF	1 SOLDER TERMINAL 2 PC TERMINAL	F FLAT 	N 1 5 E LASER 3 6 F LASER 4 7	N NO MARKING B BLACK W WHITE	1 LED ILLUMINATED N NO ILLUMINATED
				H HIGH 	G LASER N NO LASER		

B	E	D	X
BASE COLOR	ACTUATOR COLOR	SWITCH RATING & TEMPERATURE	SUFFIXES COLOR
B BLACK W WHITE A GRAY	E BLACK PAINT F TRANSPARENT	A 6A 125VAC, 3A 250VAC T55 D 6A (6-30VDC) T55 1 6A 125VAC, 3A 250VAC T100/55 4 6A (6-30VDC) T100/55	BLANK NUMBER OR LETTERS (CUSTOM CODE)

PANEL CUT-OUT

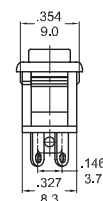
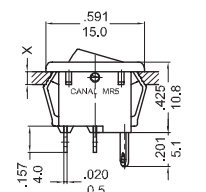
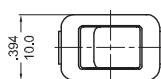
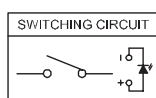
Snap-In mounting



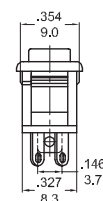
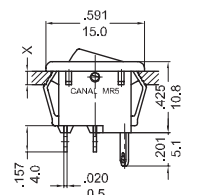
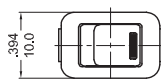
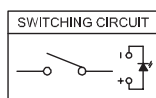
The standard panel cut-out size is subjected to thickness of 0.75~1.25mm, the tolerance or other thicknesses, please consult our sales.



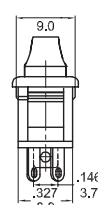
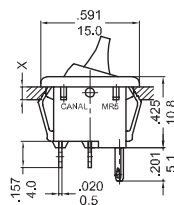
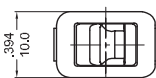
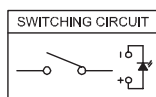
MR5-111F2N-1BFA-0R2C



MR5-111FEN-1BEA-0G2C



MR5-111HNN-1BFA-0O2C



ROCKER SWITCH MR5 SERIES



RATING

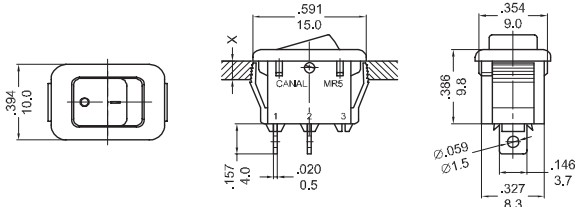
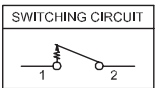
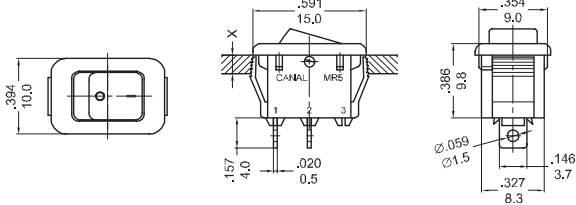
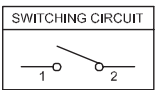
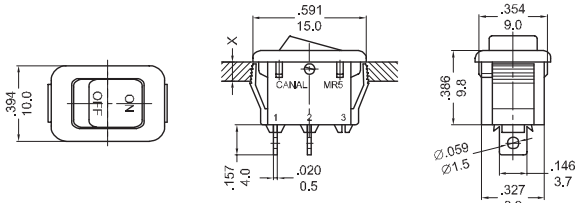
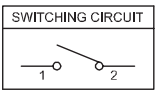
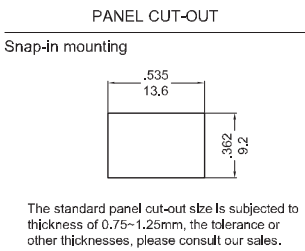
- 6A 125VAC, 3A 250VAC (UL, CUL)
- 3A 250VAC μ T100/55 (VDE, ENEC10,CQC)
- 3A 250VAC T100/55 (KC)
- Initial contact resistance : 20m ohm max.
- Insulation resistance : 100M ohm min. at 500VDC
- Dielectric strength : 1,000VAC FOR 1 MINUTE.
- Electrical life :6000(UL), 10,000 cycles. (VDE, ENEC10)
- Patent No: ZL201020514219.0 (CHINA)
- Appealing outlook

FEATURES

- Temperature range : 0 to + 100 degrees in Celsius
- Base : Nylon 66, UL rated 94V-2 min
- Actuator : Nylon 66, UL rated 94V-2 min
- Spring : Piano wire
- Contacts: Silver alloy
- Terminals: Silver plated copper alloy
- Smallest AC rocker switch with highest rating in the market
- SPST, SPDT(non-illuminated type)

MR5	1	1	0	F	5	B	B
SERIES SYMBOL	POLE	FUNCTION	TERMINAL TYPE	ACTUATOR TYPE	MARKING TYPE	BASE COLOR	ACTUATOR
MR5 SERIES	1 SINGLE	1 ON-OFF 2 ON-ON 4 (ON)-OFF	0 SOLDER TERMINAL 	F FLAT	1 HI LO 2 NONE 3 ON OFF 4 $\bigcirc$ 5 $\bigcirc$ —	B BLACK W WHITE A GRAY	B BLACK A GRAY W WHITE R RED O ORANGE G GREEN

W	C	X
LEGEND COLOR	SPECIAL	SUFFIXES
B BLACK W WHITE N NONE	C DATE CODE ☐ NONE	BLANK NUMBER OR LETTERS (CUSTOM CODE)



ROCKER SWITCH MR5-R SERIES



RATING

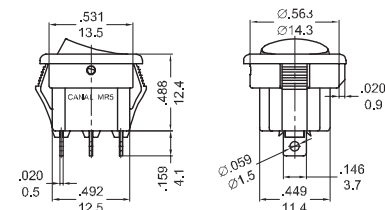
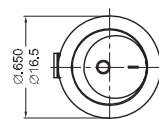
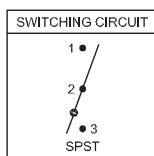
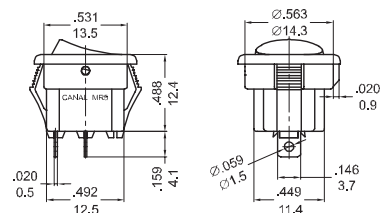
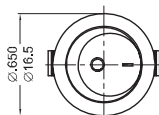
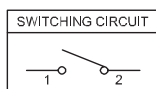
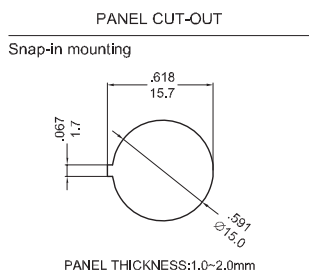
- 6A 125VAC, 3A 250VAC (UL, CUL)
- 3A 250VAC μ T100/55 (VDE, ENEC10,CQC)
- 3A 250VAC T100/55 (KC)
- Initial contact resistance: 20m ohm max.
- Insulation resistance: 100M ohm min. at 500VDC
- Dielectric strength: 1,000VAC FOR 1 MINUTE.
- Electrical life: 6000(UL), 10,000 cycles. (VDE, ENEC10)
- Patent No: ZL201020514219.0 (CHINA)
- Appealing outlook

FEATURES

- Temperature range: 0 to + 100 degrees in Celsius
- Base : Nylon 66, UL rated 94V-2 min
- Actuator : Nylon 66, UL rated 94V-2 min
- Spring : Piano wire
- Contacts: Silver alloy
- Terminals: Silver plated copper alloy
- Smallest AC rocker switch with highest rating in the market
- SPST, SPDT(non-illuminated type)

MR5 — 1		1	0 — R	5	L — B	R		
SERIES SYMBOL	POLE	FUNCTION	TERMINAL TYPE	ACTUATOR TYPE	MARKING TYPE	ILLUMINATED TYPE	BASE COLOR	ACTUATOR
MR5 SERIES	1 SINGLE	1 ON-OFF 2 ON-ON 4 (ON)-OFF	0 SOLDER TERMINAL 	R ROUND	1 HI LO 2 NONE 3 ON OFF 4 ○ 5 ○ —	L ILLUMINATED N NO ILLUMINATED	B BLACK W WHITE A GRAY	B BLACK A GRAY W WHITE *R RED *O ORANGE *G GREEN

W	C	X
LEGEND COLOR	SPECIAL	SUFFIXES
B BLACK W WHITE N NONE	C DATE CODE ☐ NONE	BLANK NUMBER OR LETTERS (CUSTOM CODE)



ROCKER SWITCH MR6 SERIES



RATING

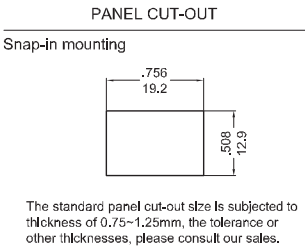
- UL61058-1 (cURus , ENEC15)
- 12(4)A 125/250V ~T55, T125/55 6E3, 1E4
- 16(8)A 125/250V ~T55, T125/55 6E3, 1E4
- 16A 6~30VDC, ~T55, T125/55 6E3, 1E4
- 8[128]A 250V~ T55, 1E4 (optional)
- TV-10 /125V~T55, 25E3 (optional)
- UL1054 approved: (cURus)
- 20A 125VAC (optional), 16A 250VAC 6E3
- TV-10 /125VAC 25E3 (optional)

FEATURES

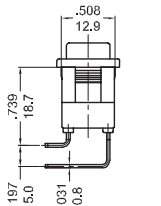
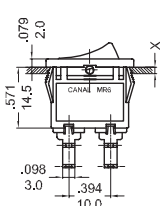
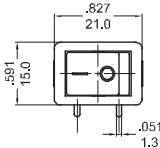
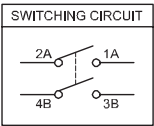
- Safety approved internationally by cURus in North America, ENEC15 in Europe
- Standard 12.9x19.2mm snap-in cutout size
- SPST, DPST
- With or without illuminated type
- Quick-connect and solder and PC terminals
- Waterproof cover boot as optional accessory

MR6	2	1	0	C	5	W
SERIES SYMBOL	POLE	FUNCTION	TERMINAL TYPE	ACTUATOR TYPE	MARKING TYPE	MARKING COLOR
MR6 SERIES	1 SINGLE POLE 2 DOUBLE POLE	1 ON-OFF	0 QUICK CONNECT 1 SOLDER 2 PC TERMINALS	C CURVE	1 HI LO 2 NO MARKING 3 ON OFF 4 ○ 5 ○ — 6 ● 9 —	N NO B BLACK W WHITE R RED

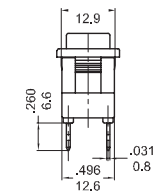
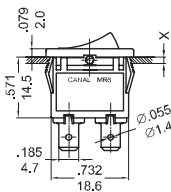
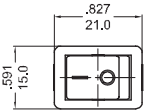
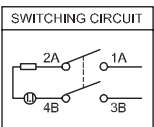
L	B	R	A	X
ILLUMINATED TYPE	BASE COLOR	ACTUATOR COLOR	RATING TEMPERATURE	SUFFIXES
N NON LAMP L ILLUMINATED 100~125VAC G ILLUMINATED 200-250VAC 1 TUNGSTEN BULB DC30V	B BLACK W WHITE A GRAY	B BLACK W WHITE A GRAY • O ORANGE • G GREEN • R RED	A 12(4)A 125/250VAC T55 B 16(8)A 125/250VAC T55 D 16A 6-30VDC T55 E TV-10 125VAC T55 (NO LAMP) F 8[128] 250VAC T55 (NO LAMP) 1 12(4)A 125/250VAC T125/55 2 16(8)A 125/250VAC T125/55 4 16A 6-30VDC T125/55	BLANK OR LETTER/NUMBER (CUSTOM CODE)



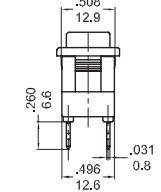
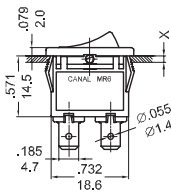
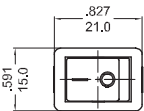
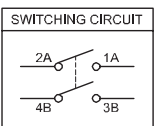
MR6-212C5W-NBBB-1ANC



MR6-210C5W-GBRB-1ANC



MR6-210C5W-NBBB-1ANC



ROCKER SWITCH

B SERIES



RATING

- 15A 125VAC, 10A 250VAC (UL)
- Initial contact resistance: 20m Ohms max
- Insulation resistance: 100M Ohms min. at 500VDC
- Dielectric strength: 1000 VAC
- Electrical life: 6,000 cycles

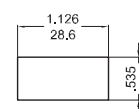
FEATURES

- Safety approved internationally by UL in North America
- Two kinds of terminal connection for lamp circuit.
- Standard 13.6x28.6mm snap-in cutout size
- Built in with optional neon lamp, DC fluorescent lamp upon request
- Quick-connect, and wire terminal

B	1	1	1	R	2	N
SERIES SYMBOL	POLE	FUNCTION	TERMINAL TYPE	ACTUATOR TYPE	MARKING TYPE	ILLUMINATED TYPE
B SERIES	1 SINGLE POLE	1 ON-ON 3 ON-OFF-ON 6 ON-OFF	0 SOLDER TERMINAL 2 3.0, 3.0 ELONGATE HOLE (Only for illuminated type) 4 SOLDER TERMINAL 5 WIRE	R ROCKER	1 HI LO 2 NO MARKING 3 ON OFF 4 ○ 5 ○ —	L DC ILLUMINATED N NO ILLUMINATED

B	B	0	B	M	W
BASE COLOR	ACTUATOR COLOR	NEON LAMP POSITION	TERMINAL BENDING	BASE MARKING	LEGEND COLOR
B BLACK W WHITE A GRAY	B BLACK W WHITE A GRAY • O ORANGE • G GREEN • R RED	0 NON-LIGHTED 1 LIGHTED, T1-NEON-T3 2 LIGHTED, T2-NEON-T3 (STANDARD)	A BEND 1 & 2 B BEND 1 & 3 N NO BENDING	M N NO MARKING S SPECIAL	B BLACK R RED W WHITE N NONE

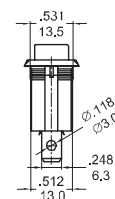
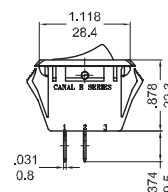
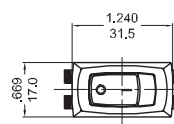
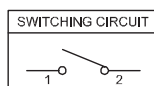
PANEL CUT-OUT
Snap-In mounting



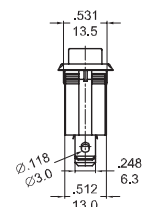
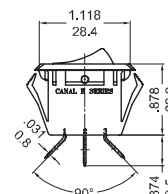
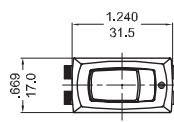
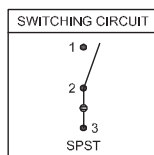
The standard panel cut-out size is subjected to thickness of 0.75~1.25mm, the tolerance or other thicknesses, please consult our sales.



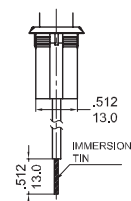
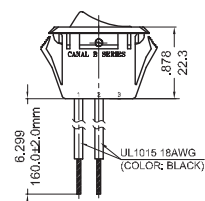
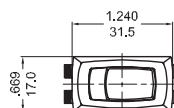
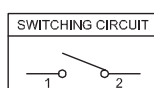
B160-R5N-BR0NNW



B162-R2L-BR2BMW1



B-165-R2N-VW0NNN



ROCKER SWITCH HB SERIES



RATING

- 20A 125VAC 16A 250VAC (cURus)
- 6A 120VAL (cURus, optional)
- 3/4HP 250VAC (cURus, optional)
- 16(4)A~250VAC T125/55 (VDE, ENEC10, CQC)
- Initial contact resistance: 20m ohm max.
- Insulation resistance : 100M ohm min, at 500VDC
- Dielectric strength : 1,000VAC for 1 minute

FEATURES

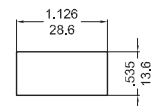
- Safety approved internationally by cURus North America, VDE & ENEC10 in Europe, CQC in Asia
- Classical outlook and crystal lighting effect
- Highest rating up to 20A 125VAC (cURus)
- Standard 13.8 x 28.6mm snap-in cutout size
- IP40 & IP42 Splash protected type available

HB	1	1	0	—	C	5	N	—	B	B
SERIES SYMBOL	POLE	FUNCTION	TERMINAL TYPE		ACTUATOR TYPE	MARKING TYPE	ILLUMINATED TYPE		BASE COLOR	ACTUATOR
HB SERIES	1 SINGLE POLE	1 ON-OFF 2 ON-ON 3 ON-OFF-ON	0 Q.C. (TAB 6.3) 1 SOLDER 3 Q.C. (TAB 4.8)		C CURVE	1 2 3 4 5 8	L DC ILLUMINATED N NO ILLUMINATED		B BLACK W WHITE A GRAY	B BLACK W WHITE A GRAY * O ORANGE * G GREEN * R RED

R	A					W	X	
VISABLE COLOR	BASE TYPE & RATING					LEGEND COLOR	SUFFIXES	
N NONE G GREEN R RED W WHITE	A	 13.8 20A 125VAC 16A 250VAC	B	 12.1 20A 125VAC 16A 250VAC	C	 13.4 20A 125VAC 16A 250VAC	N NONE B BLACK R RED W WHITE A GRAY	BLANK NUMBER OR LETTERS (CUSTOM CODE)
	T	 13.8 20A 125VAC 16A 250VAC 6A 125V.L	W	 13.8 20A 125VAC 16A 250VAC				

PANEL CUT-OUT

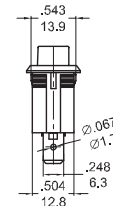
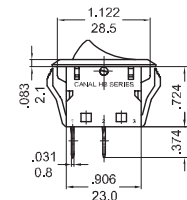
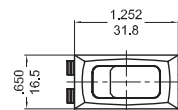
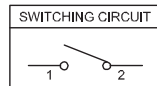
Snap-In mounting



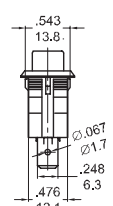
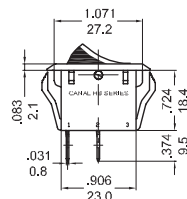
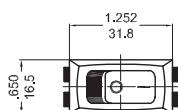
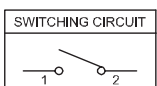
The standard panel cut-out size is subjected to thickness of 0.75~1.25mm, the tolerance or other thicknesses, please consult our sales.



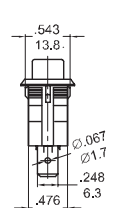
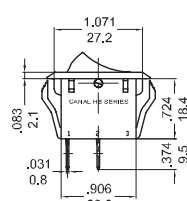
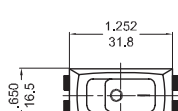
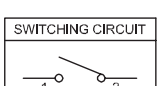
HB-110-C2N-BBN-WN



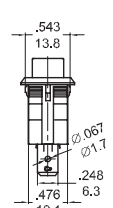
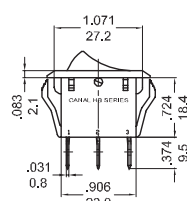
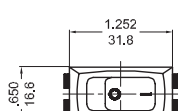
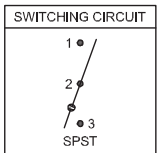
HB-110-C5N-BBR-AW



HB-110-C5N-BRN-AW



HB-110-C5L-BRN-AW



ROCKER SWITCH R SERIES



RATING

Two positions:

- 20A 125VAC (cURus)
- 16A 125/250VAC (cURus)
- 16(4)A 250V~ T125/55 (VDE & ENEC10, CQC)
- Optional: 3/4HP 125/250VAC (cURus)
- Optional: 10(2)A 250~ T125/55 5E4 (VDE & ENEC10, CQC)
- Optional: 20(8)A 250V~ T125/55 (VDE & ENEC10, CQC)
- Optional: 25(8)A 250VAC T125/55 (CQC)
- Optional: 8[128]A 250V T55 1E4 (cURus, ENEC15)
- Optional: 30(8)A 125/250VAC T125/55 1E4 (cURus, ENEC15)
- Optional: 30A 48VDC T125/55 1E4 (cURus, ENEC15)

Three positions:

- 16A 125/250VAC (cURus)
- 16(4)A 250V~μT85/55 (VDE & ENEC10, CQC)

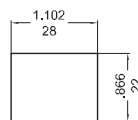
FEATURES

- Initial contact resistance : 20m ohm max.
- Insulation resistance : 100M ohm min, at 500VDC
- Dielectric strength : 1,000 VAC(UL), 1500VAC(VDE)for 1 minute
- Electrical life: 6000(UL); 10000(VDE) cycles
- Optional: Meeting IEC60335-1 glow wire test 750°C≤2Sec.
- Safety approved internationally by cURus in North America, VDE& ENEC10 in Europe, CQC in Asia
- Standard 22x30mm snap-in cutout size
- SPST, SPDT, DPST, DPDT
- Quick-connect, solder and screw and PC terminals
- Waterproof cover boot or protecting guard as accessories

R	2	1	0	1	C	5		
SERIES SYMBOL	POLE	FUNCTION		TERMINAL TYPE		ACTUATOR CODE	ACTUATOR TYPE	MARKING TYPE
R SERIES	1 SINGLE POLE 2 DOUBLE POLE	1 ON-OFF 2 ON-ON 4 (ON)-OFF 5 (ON)-ON  	3 ON-OFF-ON 6 (ON)-OFF-(ON) 7 (ON)-OFF-ON 	1 ON-OFF 2 ON-ON  	0 Quick-Connect  Tab 6.3mm 3 Screw  M3 Screw 6 Solder  Tab 6.3mm 7 Quick-Connect  Tab 4.8mm	1    2 	C CURVE F FLAT	1  2  3  4  Ask us for other marks!
L	B	R	9	N	W			
ILLUMINATED TYPE	BASE COLOR	ACTUATOR COLOR		BASE TYPE & RATING		WATERPROOF COVER	LEGEND COLOR	
N NONE L 100~125VAC G 200~250VAC	A GRAY B BLACK W WHITE	Non-Illuminated A GRAY B BLACK W WHITE R RED	Illuminated R RED O ORANGE G GREEN	9  20A 125VAC 16A 250VAC 3/4HP 125VAC /250VAC 16(8)A 250V~ A  16A 125VAC /250VAC 1  20A 125VAC 16A 250VAC 3/4HP 250VAC 16(4)A 250V~ Z  20A 125VAC 16A 250VAC 3/4HP 250VAC 16(4)A 250V~  = BLANK	 20A 125VAC 16A 250VAC 16(4)A 250V~ N SWITCH ONLY G WATERPROOF COVER (SILICONE)	B BLACK W WHITE N NONE		

PANEL CUT-OUT

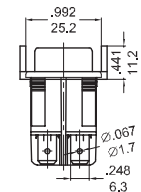
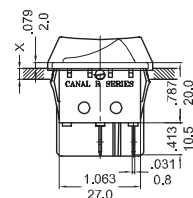
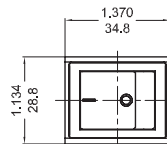
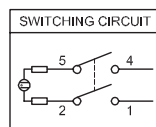
Snap-In mounting



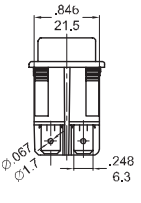
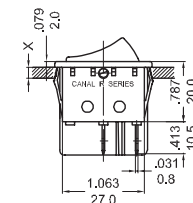
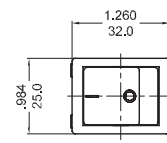
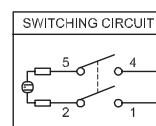
The standard panel cut-out size is subjected to thickness of 0.75~1.25mm, the tolerance or other thicknesses, please consult our sales.



R210-1C5L-BG1-PW



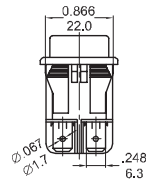
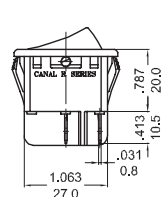
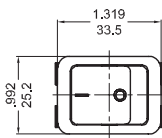
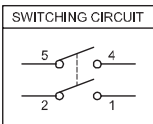
R210-1C5L-BO1-NW



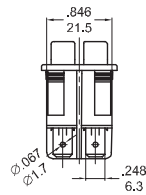
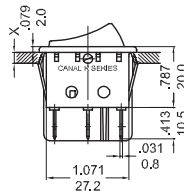
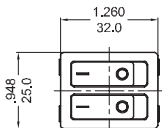
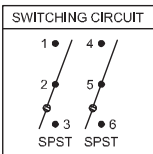
ROCKER SWITCH R SERIES



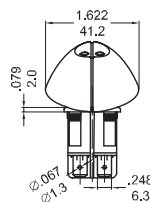
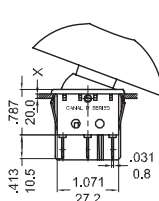
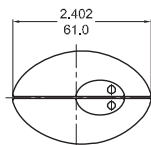
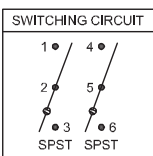
R210-1C5N-BB9-NW



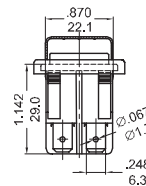
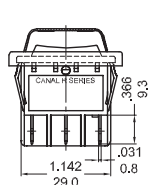
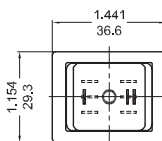
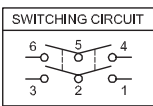
R210-2C5L-BRN-W



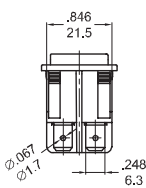
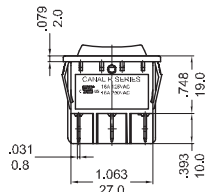
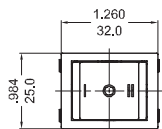
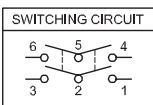
R210-6C2L-BWR-N



R230-1C6N-BRA-WW



R230-1C6N-BBA-NW



Protection Guard



Splash proof

ROCKER SWITCH RH SERIES



RATING

Two positions:

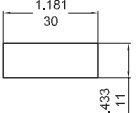
- 20A 125VAC (cURus)
- 16A 125/250VAC (cURus)
- 16(4)A 250V~ T125/55 (VDE & ENEC10, CQC)
- Optional: 3/4HP 125/250VAC (cURus)
- Optional: 10(2)A 250~T125/55 5E4 (VDE & ENEC10, CQC)
- Optional: 20(8)A 250V~ T125/55 (VDE & ENEC10, CQC)
- Optional: 25(8)A 250VAC T125/55 (CQC)
- Optional: 8[128]A 250V T55 1E4 (cURus, ENEC15)
- Optional: 30(8)A 125/250VAC T125/55 1E4 (cURus, ENEC15)
- Optional: 30A 48VDC T125/55 1E4 (cURus, ENEC15)
- Optional: 20A 125VAC /16A 250VAC, 3/4HP 125/250VAC T105 (UL/CUL)

Three positions:

- 16A 125/250VAC (cURus)
- 16(4)A 250V~μT85/55 (VDE & ENEC10, CQC)

FEATURES

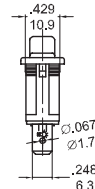
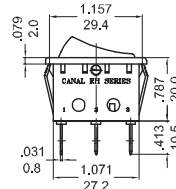
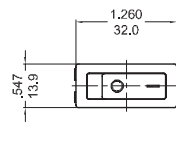
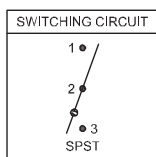
- Initial contact resistance : 20m ohm max.
- Insulation resistance : 100M ohm min, at 500VDC
- Dielectric strength : 1,000 VAC(UL), 1500VAC(VDE)for 1 minute
- Electrical life: 6000(UL); 10000(VDE) cycles
- Base : Nylon 66, UL rated : 94V-2 min
- Actuator : Nylon 66 /PC, UL rated 94V-2 min
- Spring : Piano wire
- Contacts : Silver alloy
- Terminals : Silver plated copper
- Lamp : Neon for AC
- Round LED effect lighting available
- SPST, SPDT
- ON-OFF; ON-ON, ON-OFF-ON or momentary functions

RH	1	1	0	—	C	5	L	
SERIES SYMBOL	POLE	FUNCTION		TERMINAL TYPE		ACTUATOR TYPE	MARKING	ILLUMINATED TYPE
RH SERIES	1 SINGLE POLE	 POS. 2	 POS. 3	 POS. 2	 POS. 3	 C  CURVE F  FLAT	  1  2  3  4  5  6  G GREEN LEN R RED LEN O ORANGE U BLUE LEN	N NONE L 100~125VAC G 200~250VAC C CIRCLE LEN 
		1 ON-OFF 2 ON-ON 4 (ON)-OFF 5 (ON)-ON 8 ON-OFF	3 ON-OFF-ON 6 (ON)-OFF-(ON) 7 (ON)-OFF-ON	0  Tab 6.3mm 1  Solder 2  PC 3  Solder	5  Tab 4.8mm 6  M3 Screw 7  Solder	0  Tab 6.3mm 3  M3 Screw 4  PC 7  Tab 4.8mm		
B	R	N	—	W	PANEL CUT-OUT			
BASE COLOR	ACTUATOR COLOR		WATERPROOF COVER	BASE TYPE & RATING		LEGEND COLOR		
A GRAY B BLACK W WHITE	Non-Illuminated A GRAY B BLACK W WHITE R RED	Illuminated R RED O ORANGE G GREEN	N SWITCH ONLY G WATERPROOF COVER (SILICONE)	1  20A 125VAC 16A 250VAC 16(4)A 250V~ POS. 2  = BLANK	2  16A 125VAC /250VAC POS. 3	B BLACK W WHITE N NONE	Snap-In mounting  The standard panel cut-out size is subjected to	

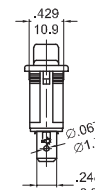
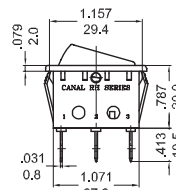
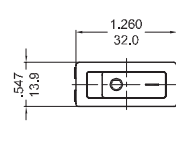
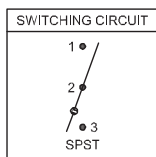
The standard panel cut-out size is subjected to thickness of 0.75~1.25mm, the tolerance or other thicknesses, please consult our sales.



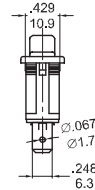
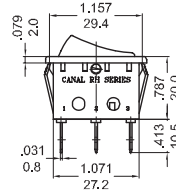
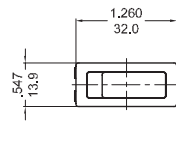
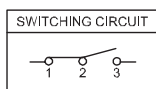
RH110-C5L-WRN-WC



RH110-F5L-BRN-WG

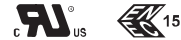


RH120-C2N-WWN-N



ROCKER SWITCH

X5 SERIES



RATING

- 16(8)A 125/250V, ~μT55, ~μT85/55, ~μ40T85/55, 1E4
- 20(8)A 125/250V, ~μT55, ~μT85/55, ~μ40T85/55, 1E4
- 16A DC, 6V, 12V, 14V, 18V, 24V, 30V, μT55, μT85/55, μ40T85/55, 1E4
- Electrical life: 10,000 cycles (cURus, ENEC15)
- Dielectric strength: 1,500 VAC for 1 minute
- Initial contact resistance: 20m ohm max.
- Insulation resistance: 100M ohm min, at 500VDC

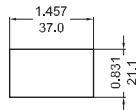
FEATURE

- 1, 2 pole circuitry; 2 and 3 positions, maintained and momentary action
- Optional actuator type and marking.
- Environment-proof sealing, confirming to IP67 level
- Quick-connect, solder and screwed terminals
- Panel accessories as optional parts
- Application includes automotive, marine, agriculture machine and more.
- A wide range of temperature rating, confirming to μ40T85/55

X5	2	1	4	A	N	N	N
SERIES SYMBOL	POLE	FUNCTION	TERMINAL TYPE	ACTUATOR TYPE	MARKING TYPE	MARKING COLOR	ILLUMINATED TYPE
X5 SERIES	1 1 POLE 2 2 POLE	1 ON-OFF 2 ON-ON 3 ON-OFF-ON 4 (ON)-OFF 5 (ON)-ON 6 (ON)-OFF-(ON) 7 (ON)-OFF-ON 8 ON-(OFF) Listed in Safeties 9 ON-ON-ON A (ON)-ON-(ON) B OFF-ON-ON C (ON)-ON-ON Not Listed in Safeties	1 SOLDER 3 SCREW TERMINAL 4 QC .250 (6.3mm)	A A TYPE (Hard PC) B B TYPE (Soft TPR) C C TYPE (Hard PC) D D TYPE (Hard PC) E E TYPE (Soft TPR) F F TYPE (Soft TPR) N NONE	N NO MARKING (For marking list, please contact our sales)	N NO W WHITE L LASER CARVING	N NON LAMP L 100~125VAC G 200~250VAC 1 LED DC 12V 2 LED DC 24V 3 LED DC 6V

PANEL CUT-OUT

Snap-in mounting



The standard panel cut-out size is subjected to thickness of 0.75~1.25mm, the tolerance or other thicknesses, please consult our sales.

A	B	B	X
BASE COLOR	ACTUATOR COLOR	RATING TEMPERATURE	SUFFIXES
A GRAY (STD) B BLACK	A GRAY B BLACK (STD) N NONE	A 16(8)A 125/250V~ μT55 B 20(8)A 125/250V~ μT55 D 16A (6~30VDC) μT55 1 16(8)A 125/250V~ μT85/55 2 20(8)A 125/250V~ μT85/55 4 16A (6~30VDC) μT85/55 7 16(8)A 125/250V~ μ40T85/55 8 20(8)A 125/250V~ μ40T85/55 9 16A (6~30VDC) μ40T85/55	BLANK OR LETTER/NUMBER (For illuminated type please advise lamp color)

ACTUATOR TYPE AND NUMBER

	1	2	3	4
A TYPE				
B TYPE				
C TYPE				
D TYPE				
E TYPE				
F TYPE				

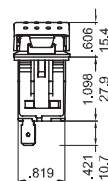
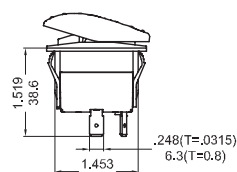
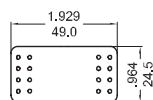
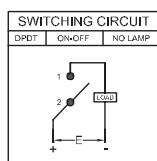
REMARK:

1. Soft hand feeling for B, E, F type.
2. Standard lens color is white, tinted lenses please consult our sales.

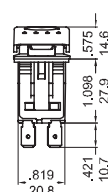
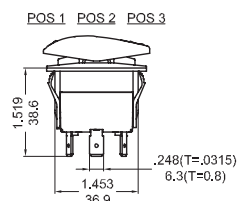
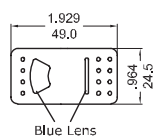
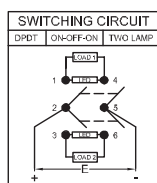
ROCKER SWITCH X5 SERIES



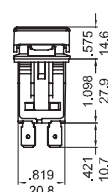
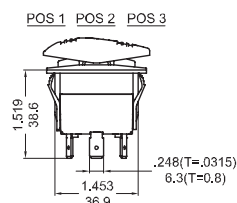
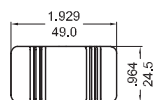
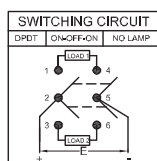
X5-114BNN-NABD-1



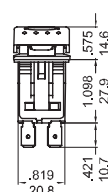
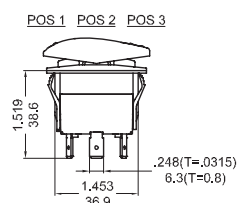
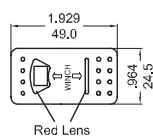
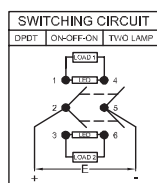
X5-234ENN-1ABD-6E



X5-234CNN-NABB-1



X5-234E4W-1ABD-7F



ROCKER SWITCH X6 SERIES

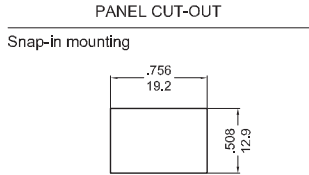
RATING & FEATURE

- Rating: 15A 125VAC
- Initial contact resistance : 20m ohm max.
- Insulation resistance : 100M ohm min, at 500VDC
- Dielectric strength : 1,000 VAC 50/60Hz for 1 minute
- Electrical Life: 30000 cycles
- Mechanical life: 100,000 cycles
- Illuminated and non-illuminated
- Applications: Recreational Vehicles, industrial equipment.

X6 SERIES MODEL/FUNCTION SPECIFICATIONS

NON-ILLUMINATED TYPE		ILLUMINATED TYPE	
X6-2702-A2	SPST, ON-OFF	X6-2703-A2-1L	SPST, ON-OFF
X6-2702-A2M1	SPST, (ON)-OFF	X6-2703-A2M1-1L	SPST, (ON)-OFF
X6-2703-A2	SPDT, ON-ON	X6-2704-A2-2L	SPDT, ON-ON
X6-2703-A2M1	SPDT, (ON)-ON	X6-2704-A2M1-2L	SPDT, (ON)-ON
X6-2703-A3	SPDT, ON-OFF-ON	X6-2704-A3-2L	SPDT, ON-OFF-ON
X6-2703-A3M2	SPDT, (ON)-OFF-(ON)	X6-2704-A3M2-2L	SPDT, (ON)-OFF-(ON)
X6-2704-A2	DPST, ON-OFF	X6-2704-A2-1L	DPST, ON-OFF
X6-2706-A2	DPDT, ON-ON	X6-2706-A2-2L	DPDT, ON-ON
X6-2706-A2M1	DPDT, (ON)-ON	X6-2706-A2M1-2L	DPDT, (ON)-ON
X6-2706-A3	DPDT, ON-OFF-ON	X6-2706-A3-2L	DPDT, ON-OFF-ON
X6-2706-A3M2	DPDT, (ON)-OFF-(ON)	X6-2706-A3M2-2L	DPDT, (ON)-OFF-(ON)

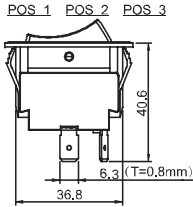
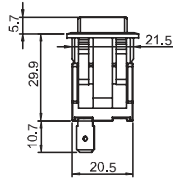
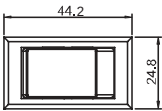
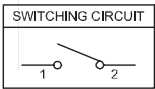
1L: One lamp (Red tungsten lamp)
2L: Two lamp (Red-amber tungsten lamp)



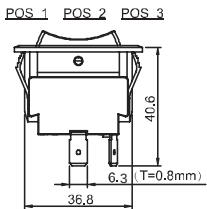
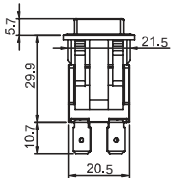
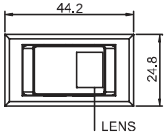
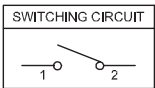
The standard panel cut-out size is subjected to thickness of 0.75~1.25mm, the tolerance or other thicknesses, please consult our sales.



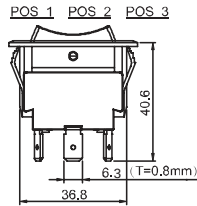
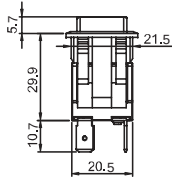
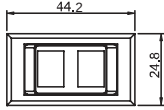
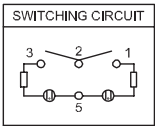
X6-2702-A2



X6-2703-A2M1-1L



X6-2704-A3M2-2L



ROCKER SWITCH

X7 SERIES



RATING

- 16(8)A 125/250V~ μ T55, μ T125/55 (cURus)
- 20(8)A 125/250V~ μ T55, μ T125/55 (cURus)
- 25(8)A 125/250V~ μ T55 (cURus)
- 20RA 6~30VDC μ T55, μ T125/55
- Dielectric strength : 1,000VAC for 1 min.
- Insulation resistance : 100M ohm min. at 500VDC
- Initial contact resistance : 20m ohm max.
- Electrical life : 10,000 cycles

FEATURE

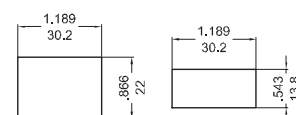
- ON-OFF-ON, ON-ON available
- Two LEDs for custom color selection
- Quick connecting terminals
- Plastic housing and actuator
- Suitable for outdoor application
- Sealed to protection level IP67 (passing MIRDC's TAF laboratory test)
- China Patent No.: 201220728673.5 / 201430551972.0 / 201430551924.1

X7	2	1	1	F	N	N	L	B
SERIES SYMBOL	POLE	FUNCTION	TERMINAL TYPE	ACTUATOR TYPE	MARKING TYPE	MARKING COLOR	ILLUMINATED TYPE	BASE COLOR
X7 SERIES	H SINGLE POLE 2 DOUBLE POLE	1 ON-OFF 2 ON-ON 3 ON-OFF-ON 4 (ON)-OFF 5 (ON)-ON 6 (ON)-OFF-(ON) 7 (ON)-OFF-ON	0 QUICK CONNECT 1 SOLDER	F FLAT	N NO MARKING * Consult the factory	N NO B BLACK W WHITE	N NONE L 100~125VAC G 200~250VAC 1 LED DC12V 2 LED DC24V	B BLACK W WHITE

B	A	1	W	W	C
ACTUATOR COLOR	RATING TEMPERATURE	EXTENDED TERMINAL	ILLUMINATED COLOR	PROTECTION	SPECIAL
B BLACK W WHITE	A 16(4)A 125/250V~ μ T55 B 16(8)A 125/250V~ μ T55 D 16A 30VDC μ T55 1 16(4)A 125/250V~ μ T125/55 2 16(8)A 125/250V~ μ T125/55 4 16A 30VDC μ T125/55	(Quick connect) (Solder) 	N NONE R RED W WHITE G GREEN * OTHERS OR TWO COLORS	W FULL WATERPROOF	C DATECODE

PANEL CUT-OUT

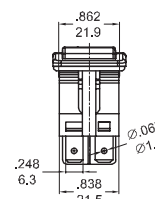
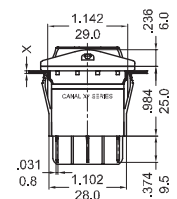
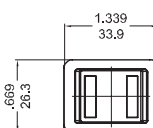
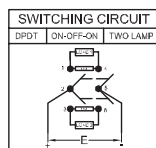
Snap-In mounting



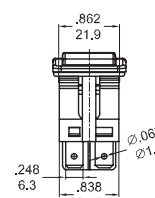
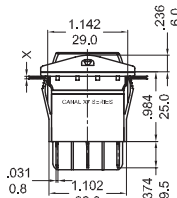
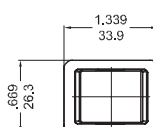
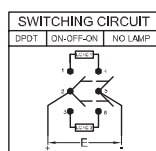
The standard panel cut-out size is subjected to thickness of 0.8~3.0mm.



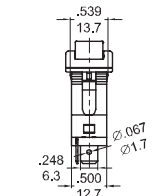
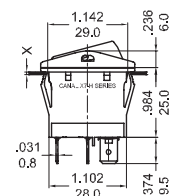
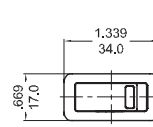
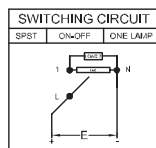
X7-230F2N-LBBB-1RPC



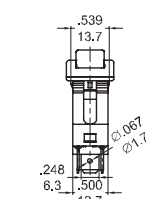
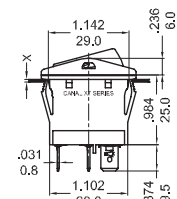
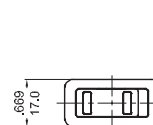
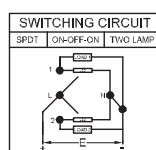
X7-230F2N-NBBB-1NWC



X7-H10F2N-1BBD-1UWC



X7-H30F2N-1BBD-1RWC



ROCKER SWITCH MA SERIES



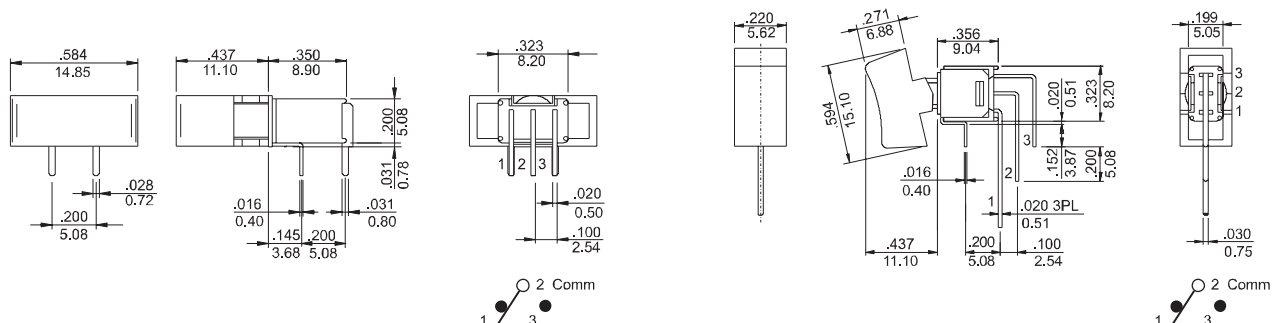
RATING

- 3A 120VAC, 1.5A 250VAC(UL)
- 3A 28VDC(UL)

FEATURE

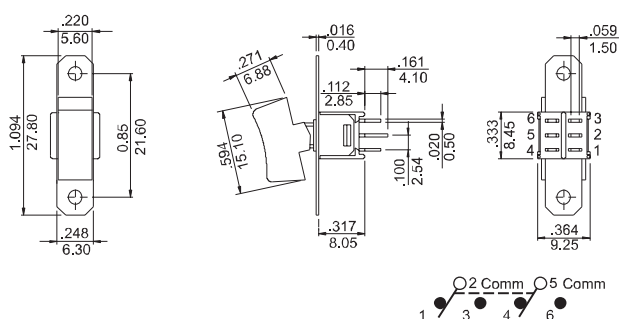
- Safety approved internationally by UL in North America
- SPST, SPDT, DPST, DPDT
- Complete terminals options, solder, thro-hole and right angle pc
- Hardware accessories supplied for threaded bushing type

MA11	1	0	R01		
SERIES SYMBOL	FUNCTION	POLE	R=ROCKER	CONTACT PLATING	EPOXY SEAL
ROCKER MA11 1 POLE MA21 2 POLES	1 ON-ON 2 ON-OFF-ON 3 ON-(OFF) 4 ON-(ON) 7 OFF-(ON) 8 ON-OFF	0 STANDARD SOLDER 1 PRINTED CIRCUIT 3 RIGHT ANGLE (H) 4 RIGHT ANGLE (V) 5 VERTICAL BRACKET 	R 0 1 	STANDARD SILVER PLATED GOLD PLATED OVER NICKEL	NONE EPOXY



MA11-13-R01

MA11-14-R01



2 Comm 5 Comm



ROCKER SWITCH A SERIES

RATING

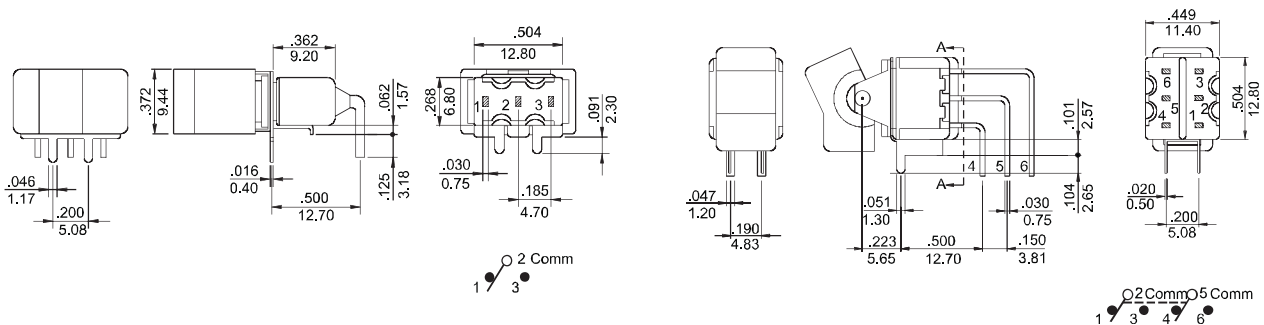
- 5A 120VAC, 2A 250VAC(UL)
- 5A 28VDC(UL)

FEATURE

- Safety approved internationally by UL in North America
- SPST, SPDT, DPST, DPDT, 3PDT, 4PDT
- Complete terminals options, solder, thro-hole and right angle pc terminals
- Hardware accessories supplied for threaded bushing type

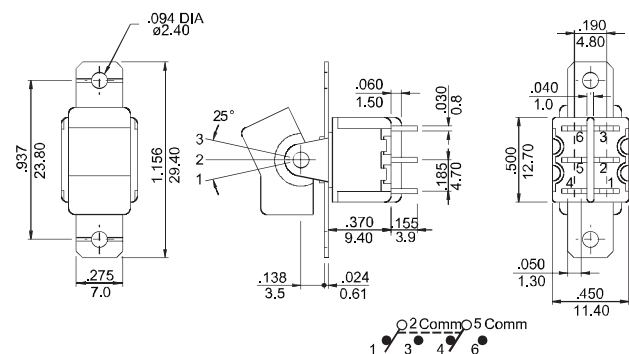
A1R	1	0	—	R02		
SERIES SYMBOL	FUNCTION	POLE		R=ROCKER	CONTACT PLATING	EPOXY SEAL
ROCKER A1R 1 POLE A2R 2 POLES * A3R 3 POLES * A4R 4 POLES	1 ON-ON 2 ON-OFF-ON 3 ON-OFF 4 ON-(ON) 5 (ON)-OFF-(ON) 6 ON-OFF-(ON) 7 OFF-(ON)	0 STANDARD SOLDER  1 PRINTED CIRCUIT  3 RIGHT ANGLE (H)  4 RIGHT ANGLE (V)  5 VERTICAL BRACKET 		R 0 2 	 STANDARD SILVER PLATED  G GOLD PLATED OVER NICKEL	 NONE  E EPOXY

* 3 poles and 4 poles types are without UL approval.



A1R13-R02

A2R10-R02

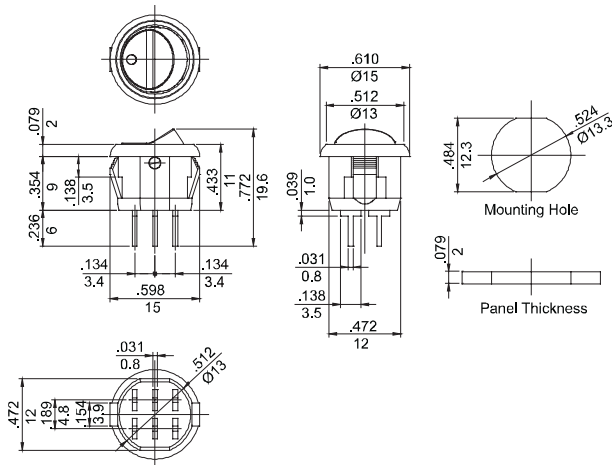


A2R14-R02

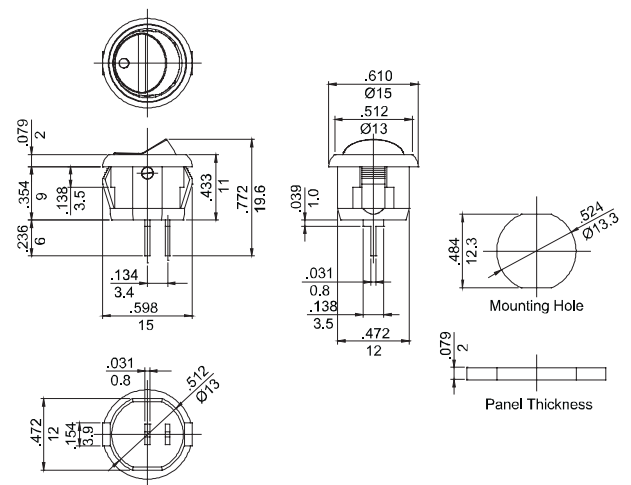


FOCKE

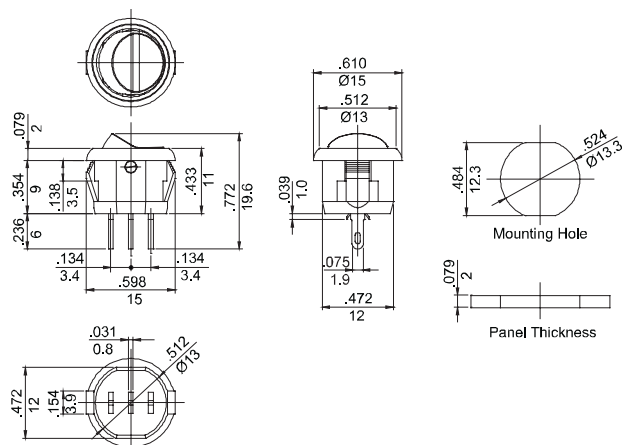
- SPST, SPDT, DPDT
- Dia. 13.3mm round snap-in cutout size
- PC terminals (P/N without "A") or solder terminals (P/N with "A")



SW-2736



SW-2737



SW-2738A

FUNCTION		P/N.O.
SPST	ON-OFF	SW-2737
SPDT	ON-ON	SW-2738
DPDT	ON-ON	SW-2736





ANTI-VANDAL SWITCH

ANTI-VANDAL SWITCH PS-5 SERIES



IP67-rated and UL-recognized Anti-Vandal Switches
with up to 16A and TV-6 Rating, meeting IP65&IK07

RATING

- 16A 125/250VAC (cURus)
- 16(4)A 250V~ T125/55 (cURus, ENEC15)
- 16(8)A 250V~ T125/55 (cURus, ENEC15) optional
- TV-6 125V~ T55, 25E3 (cURus) optional
- 8[128]A 250V~T55 1E4 (cURus, ENEC15) optional
- Initial contact resistance: 20mΩ max.
- Insulation resistance: 100MΩ min. at 500VDC
- Dielectric strength: 1,000 VAC for 1 minute

FEATURE

- IP65 & IK07 protection level
- Ring & power symbol illuminated type, non-illuminated type
- 3VDC LED regardless of anode and cathode polarity
- On-Off & momentary function
- Completed terminals options, quick-connect, solder and PCB terminals
- M19, M22, M25 & M30 bushing, screw mounting
- Actuator & bushing material: SUS
- Top len: PC
- Connected frame: PA66+GF
- Switch: Same as PS-5 series push-button switches

PS5	1	1	0	M	H	B
SERIES SYMBOL	POLE	FUNCTION	TERMINAL TYPE	BUSHING SIZE	ILLUMINATED TYPE	HOUSING COLOR
PS5 SERIES	1 SIGNLE 2 DOUBLE	1 ON-OFF 2 MOMENTARY	0 QUICK CONNECTOR 1 SOLDER 2 PCB	M Ø19mm Q Ø22mm R Ø25mm S Ø30mm	G 200~250VAC L 100~125VAC H LED 12VDC N NO ILLUMINATED	B BLACK
G	D	X				
ACTUATOR COLOR	RATING TEMPERATURE	SUFFIXES				
R RED G GREEN U BLUE S SILVER	A 16(4)A 125/250V~T55 B 16(8)A 125/250V~T55 D 16RA (6~30VDC) T55 E TV-6/125V~ 25E3 T55(NO LAMP) F 8[128]/250V~ 1E4 T55 (NO LAMP) 1 16(4)A 125/250V~T125/55 2 16(8)A 125/250V~T125/55 4 16RA (6~30VDC) T125/55	BLANL OR LETTER NO.				

PANEL CUT-OUT

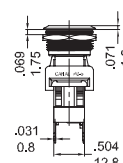
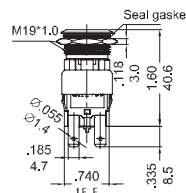
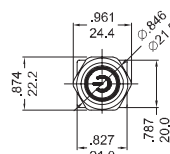
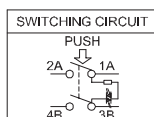
Snap-in mounting



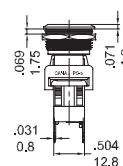
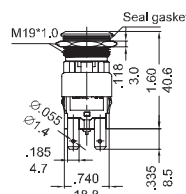
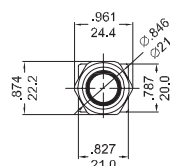
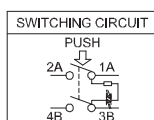
PANEL THICKNESS:0.75~4.0mm



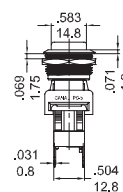
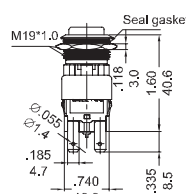
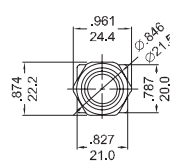
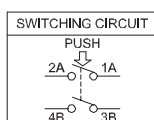
PS5-210MH-BGD-0PAC



PS5-210MH-BUD-0RAC



PS5-210MN-BSA-0MAC



ANTI-VANDAL SWITCH PBM-8 SERIES



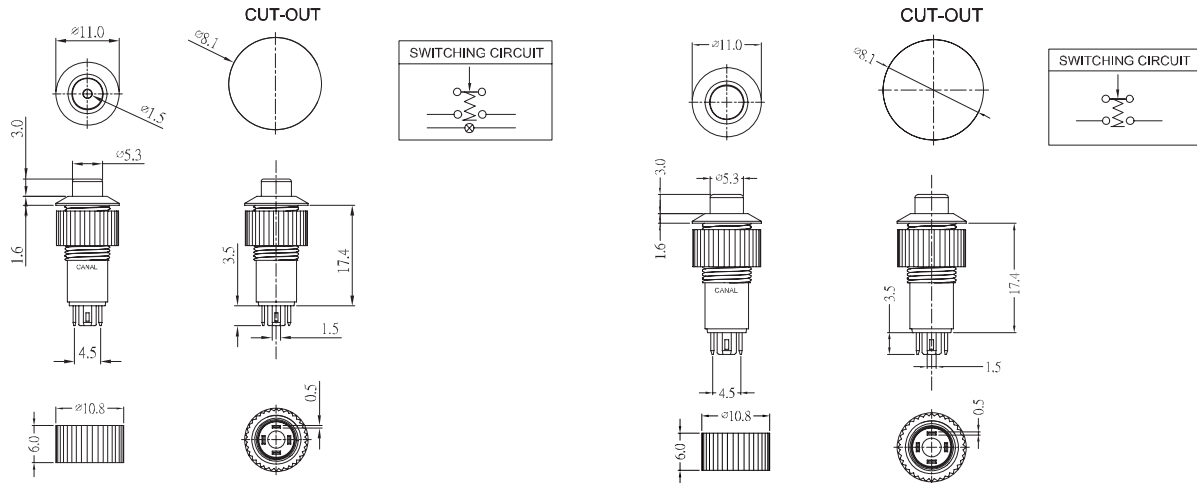
RATING

- 0.3A 36VDC
- Contact resistance: 50m Ω (max.) initial
- Insulation resistance: 100M Ω (min)
- Dielectric strength: 2,000VAC for 1 minute
- Mechanical life: 200,000 cycles
- Electrical life: 50,000 cycles
- Safety Approval: CE / CQC / RoHS

FEATURE

- SPST, OFF-ON; IP65 protection level
- Non-illuminated, spot illuminated (LED)
- Screw mounting, nut torque: 5~14Nm
- Operating force: 300gf+/-0.3
- Operating Stroke: 3.0mm +/- 0.3
- Switch button / shell material: SUS
- Switch base: PA66
- Operating Temperature: -20°C ~ 85°C

PBM-8		Z12		—		H		T		—		R		4	
SERIES SYMBOL	FUNCTIONS		ACTUATOR TYPE	ACTUATOR COLOR	LED COLOR	LED POLARITY									
	TYPE	CIRCUIT													
PBM-8 SERIES	Z LOCK	12 SPST 	H RAISED	B METAL BLACK ANODIZED S METAL SILVER C NATURAL BRASS T STAINLESS STEEL	N NO LED R RED W WHITE U BLUE G GREEN Y YELLOW O ORANGE P PINK	☐ NO LED 4 SINGLE									
S		3	S		7	—		S							
LAMP TYPE		LAMP VOLTAGE	BODY MATERIAL		BODY FINISH		TERMINAL TYPE								
N NO LAMP S SPOT		N NONE 3 3V 6 6V 12 12V 24 24V 36 36V 48 48V	B BRASS S STAINLESS STEEL A ALUMINUM		1 MIRROR CHROME PLATED 2 NATURAL BRASS 8 MIRROR NICKEL PLATED 7 CD PATTERN 6 BLACK ANODIZED		S SOLDER								



PBM-8Z12-HT-4-S*-S7-S



PBM-8Z12-HT-N-NN-S7-S

ANTI-VANDAL SWITCH PBM-12 SERIES

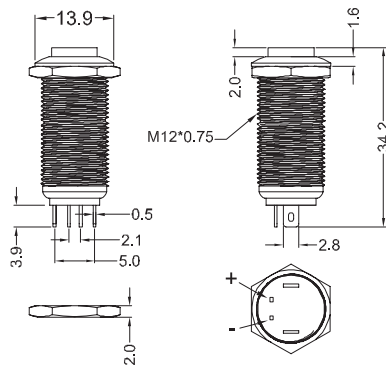
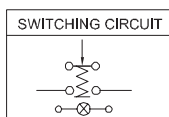
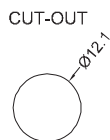
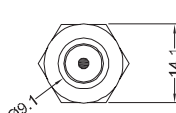
RATING

- 2A 250VAC
- Contact resistance: 50m Ω (max.) initial
- Insulation resistance: 100M Ω (min)
- Dielectric strength : 2,000VAC for 1 minute
- Mechanical life: 500,000 cycles
- Electrical life: 100,000 cycles

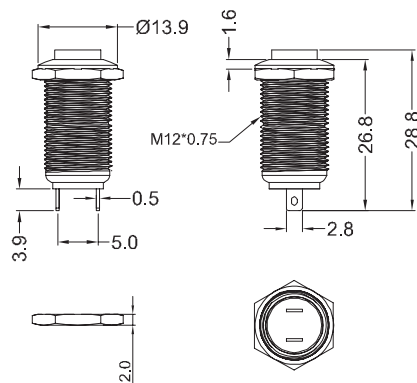
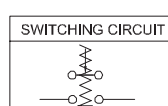
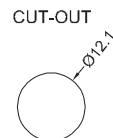
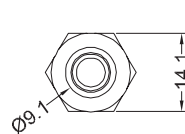
FEATURE

- SPST OFF-(ON), OFF-ON functions
- IP65 & IK08 protection level
- Non-illuminated, ring, spot illuminated
- M12 bushing, screw mounting
- Aluminum alloy, brass or Stainless steel body material
- Solder, screw terminals

PBM-12		Z12		—		H		C		—		R		—		1	
SERIES SYMBOL	FUNCTIONS				ACTUATOR TYPE		ACTUATOR COLOR				LED COLOR				LED POLARITY		
	TYPE		CIRCUIT														
	PBM-12 SERIES	M MOMENTARY	11 SPST		2P	F FLAT	B METAL BLACK ANODIZED	C NATURAL BRASS	N NO LED		NO LED		NO LED	1 NONE			
		Z LOCK	12 SPST + LAMP		2P - 2	R DOME	S METAL SILVER	P PURPLE	R RED	R RED	W WHITE	W WHITE	2 ANODE				
		Q TACT				C BIG FLAT	J ROSE GOLD	K PINK	U BLUE	U BLUE	3 CATHODE						
			21 DPST		4P	D BIG ROUND	R RED	H GOLD	T STAINLESS STEEL	G GREEN	G GREEN	Y YELLOW	Y YELLOW	4 SINGLE			
					P RAISED (PLASTIC)	U BLUE	X CHAMPAGNE	O ORANGE	O ORANGE								
						Y YELLOW			P PINK	P PINK							
S		3		—		B		8		—		S					
LAMP TYPE		LAMP VOLTAGE		BODY MATERIAL		BODY FINISH		TERMINAL TYPE									
N NO LAMP	N NONE	N NONE	N NONE	B BRASS	1 MIRROR CHROME PLATED	2 NATURAL BRASS	8 MIRROR NICKEL PLATED	S SOLDER	L SCREW								
S SPOT	3 3V	3 3V	S STAINLESS STEEL	7 CD PATTERN	W WIRE												
R RING	6 6V	6 6V															
E POWER SYMBOL	12 12V	12 12V	A ALUMINUM	5 METAL BLACK PAINT	9 ROSE GOLD												
	24 24V	24 24V		6 BLACK ANODIZED													
	36 36V	36 36V															
	48 48V	48 48V															
	110 110V	110 110V															
	220 220V	220 220V															



PBM-12Z12-HS-R1-S3-B8S



PBM-12Z11-HS-N-NN-B8S

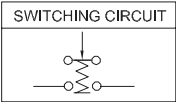
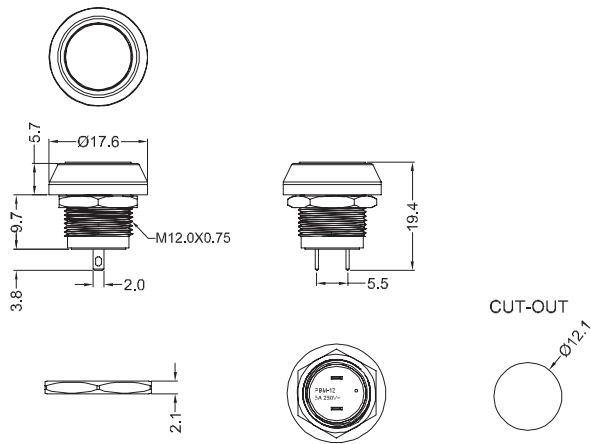


ANTI-VANDAL SWITCH PBM-12 SERIES

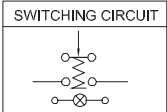
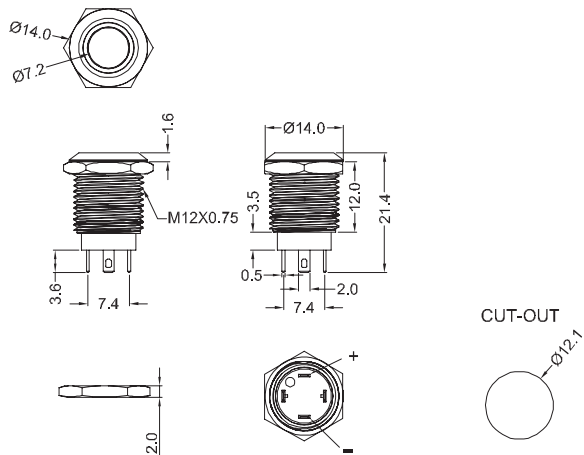
ANTI-VANDAL



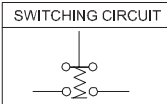
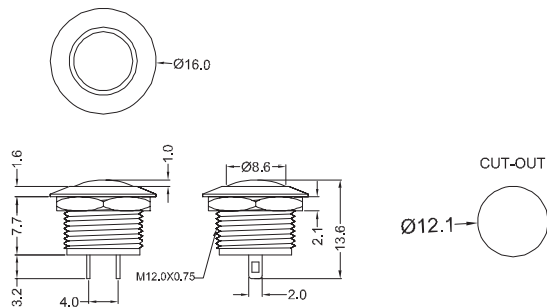
PBM-12M11-CB-N-NN-A6S



PBM-12M12-FS-U1-R3-B8S



PBM-12Q11-RS-N-NN-S7S



ANTI-VANDAL SWITCH PBM-16 SERIES

RATING

- Rating: 3A 250VAC
- Contact resistance: 50mΩ(max.) initial
- Insulation resistance: 100MΩ (min)
- Dielectric strength : 2,000VAC for 1 minute
- Mechanical life: 500,000 cycles
- Electrical life: 100,000 cycles

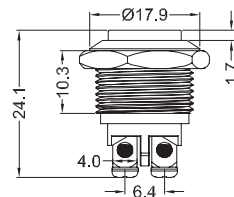
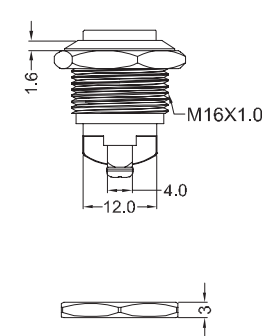
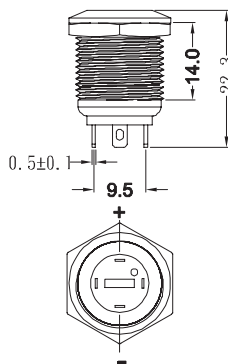
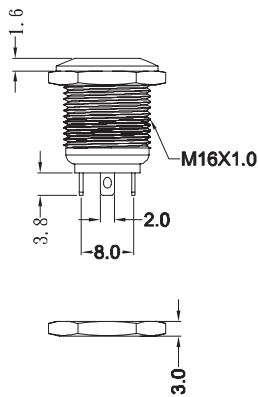
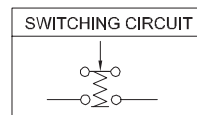
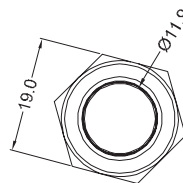
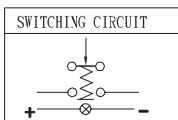
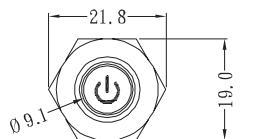
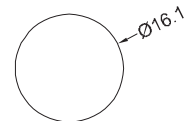
FEATURE

- IP65 protection level
- Non-illuminated, ring, spot, power symbol illuminated type
- 1, 2 pole circuitry; OFF-(ON), OFF-ON, ON-(ON), ON-ON
- M16 bushing, screw mounting
- Optional case material and surface treatment
- Solder terminals or screw terminals

PBM - 16		M15		F		T		R		1	
SERIES SYMBOL	FUNCTIONS		ACTUATOR TYPE	ACTUATOR COLOR		LED COLOR		LED POLARITY			
	TYPE	CIRCUIT									
PBM-16 SERIES	M MOMENTARY	11 SPST  2P	F FLAT R CURVE H RAISED	B METAL BLACK ANODIZED S METAL SILVER J ROSE GOLD R RED U BLUE G GREEN Y YELLOW	W WHITE O GOLD T STAINLESS STEEL X CHAMPAGNE	N NO LED R RED W WHITE U BLUE G GREEN Y YELLOW O ORANGE P PINK	 NO LED R RED W WHITE U BLUE G GREEN Y YELLOW O ORANGE P PINK	 NO LED 1 NONE 2 ANODE 3 CATHODE 4 SINGLE			
	Z LOCK	12 SPST + LAMP  2P - 2									
		13 SPDT  3P									
		15 SPDT + LAMP  3P - 2									
		22 DPDT  6P									
	23 DPDT + LAMP  6P - 2										

R		3	B		8	S	
LAMP TYPE		LAMP VOLTAGE	BODY MATERIAL		BODY FINISH		TERMINAL TYPE
N NO LAMP	N NONE	N NONE	B BRASS	→	1 MIRROR CHROME PLATED	S SOLDER	
S SPOT	3 3V	3 3V	S STAINLESS STEEL		8 MIRROR NICKEL PLATED	L SCREW	
R RING	6 6V	6 6V	A ALUMINUM	→	7 CD PATTERN	W WIRE	
E POWER SYMBOL	12 12V	12 12V			→		3 METAL WHITE PAINT
Q POWER SYMBOL + RING LAMP	24 24V	24 24V					5 METAL BLACK PAINT
	36 36V	36 36V					6 BLACK ANODIZED
	48 48V	48 48V					9 ROSE GOLD
	110 110V	110 110V					
	220 220V	220 220V					

CUT OUT



PBM-16M12-FS-U1-Q3-B8-S

PBM-16M11-HS-N-NN-B8-L



ANTI-VANDAL SWITCH PBM-19 SERIES

RATING

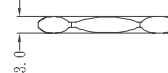
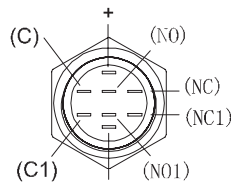
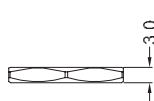
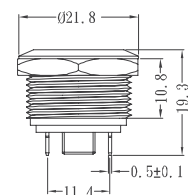
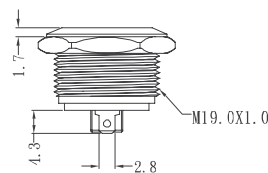
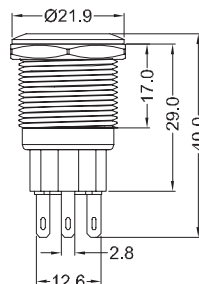
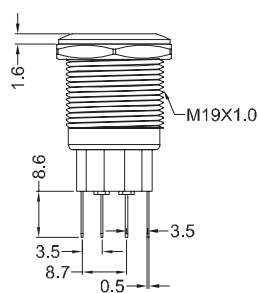
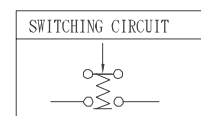
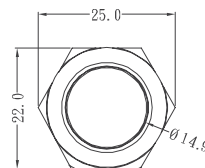
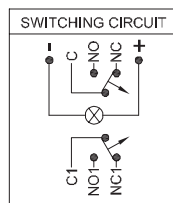
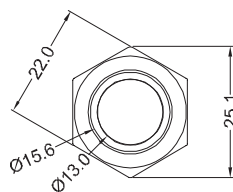
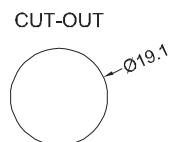
- Rating: 5A 250VAC
- Contact resistance: 50mΩ(max.) initial
- Insulation resistance: 100MΩ (min)
- Dielectric strength: 2,000VAC for 1 minute
- Mechanical life: 500,000 cycles
- Electrical life: 100,000 cycles

FEATURE

- IP65 protection level
- Non-illuminated, ring, spot, power symbol illuminated type
- 1, 2 pole circuitry; OFF-(ON), OFF-ON, ON-(ON), ON-ON
- M19 bushing, screw mounting
- Optional case material and surface treatment
- Solder terminals or screw terminals

PBM - 19		Z15		F		T		R		1	
SERIES SYMBOL	FUNCTIONS		ACTUATOR TYPE	ACTUATOR COLOR		LED COLOR	LED POLARITY				
	TYPE	CIRCUIT									
PBM-19 SERIES	M MOMENTARY	11 SPST 2P	F FLAT R CURVE H RAISED	B METAL BLACK ANODIZED O GOLD S METAL SILVER J ROSE GOLD R RED U BLUE G GREEN Y YELLOW	Q BRONZE T STAINLESS STEEL X CHAMPAGNE	N NO LED R RED W WHITE U BLUE G GREEN Y YELLOW O ORANGE P PINK	□ NO LED R RED W WHITE U BLUE G GREEN Y YELLOW O ORANGE P PINK	□ NO LED 1 NONE 2 ANODE 3 CATHODE 4 SINGLE			
	Z LOCK	12 SPST + LAMP 2P - 2									
		13 SPDT 3P									
		15 SPDT + LAMP 3P - 2									
		22 DPDT 6P									
		23 DPDT + LAMP 6P - 2									

Q		3	S		7	S	
LAMP TYPE		LAMP VOLTAGE	BODY MATERIAL		BODY FINISH		TERMINAL TYPE
N NO LAMP S SPOT R RING E POWER SYMBOL Q POWER SYMBOL + RING LAMP	N NONE	N NONE	B BRASS	→	1 MIRROR CHROME PLATED	S SOLDER	
	3 3V	3 3V	S STAINLESS STEEL		8 MIRROR NICKEL PLATED	L SCREW	
	6 6V	6 6V		A ALUMINUM	7 CD PATTERN	W WIRE	
	12 12V	12 12V	3 METAL WHITE PAINT				
	24 24V	24 24V	5 METAL BLACK PAINT				
	36 36V	36 36V	6 BLACK ANODIZED				
	48 48V	48 48V	9 ROSE GOLD				
	110 110V	110 110V					
220 220V	220 220V						



PBM-19M11-FS-N-NN-B8-S

PBM-19Z23-FS-G1-R3-S7-S



ANTI-VANDAL SWITCH PBM-22 SERIES

RATING

- Rating: 5A 250VAC
- Contact resistance: 50mΩ(max.) initial
- Insulation resistance: 100MΩ (min)
- Dielectric strength: 2,000VAC for 1 minute
- Mechanical life: 500,000 cycles
- Electrical life: 100,000 cycles

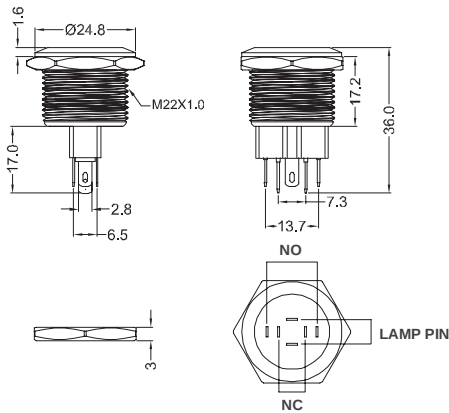
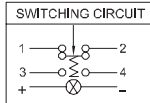
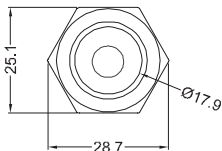
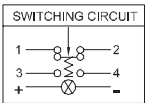
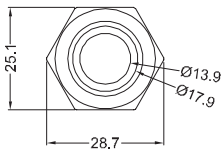
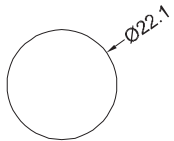
FEATURE

- IP65 protection level
- Non-illuminated, ring, spot, power symbol illuminated type
- 1, 2 pole circuitry; OFF-(ON), OFF-ON, ON-(ON), ON-ON
- M22 bushing, screw mounting
- Optional case material and surface treatment
- Solder terminals or screw terminals

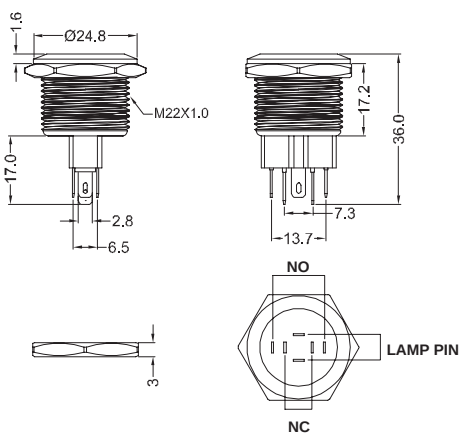
PBM - 22		Z22		F		T		R		1	
SERIES SYMBOL	FUNCTIONS		ACTUATOR TYPE	ACTUATOR COLOR		LED COLOR		LED POLARITY			
	TYPE	CIRCUIT									
PBM-22 SERIES	M MOMENTARY	11 SPST  2P	F FLAT R CURVE H RAISED	B METAL BLACK ANODIZED S METAL SILVER ROSE GOLD R RED U BLUE G GREEN Y YELLOW	Q BRONZE O GOLD T STAINLESS STEEL X CHAMPAGNE	N NO LED R RED W WHITE U BLUE G GREEN Y YELLOW O ORANGE P PINK	 NO LED R RED W WHITE U BLUE G GREEN Y YELLOW O ORANGE P PINK	 NO LED 1 NONE 2 ANODE 3 CATHODE 4 SINGLE			
	Z LOCK	12 SPST + LAMP  2P - 2									
		13 SPDT  3P									
		15 SPDT + LAMP  3P - 2									
		21 SPDT  4P									
		22 SPDT + LAMP  4P - 2									
		23 DPDT + LAMP 6P - 2									

S		3		B		8		S	
LAMP TYPE		LAMP VOLTAGE		BODY MATERIAL		BODY FINISH		TERMINAL TYPE	
N NO LAMP		N NONE		B BRASS	→	8 MIRROR NICKEL PLATED		S SOLDER	
S SPOT		3 3V		S STAINLESS STEEL		7 CD PATTERN			
R RING		6 6V		A ALUMINUM	→	6 BLACK ANODIZED			
E POWER SYMBOL		12 12V				9 CHAMPAGNE			
Q POWER SYMBOL		24 24V				11 GOLD			
+ RING LAMP		36 36V				12 ROSE GOLD			
		48 48V							
	110 110V								
	220 220V								

CUT-OUT



PBM-22M22-FS-R1-R3-S7-S



PBM-22M22-FT-R1-S3-S7-S



ANTI-VANDAL SWITCH PB-4067 & 4166 SERIES

RATING

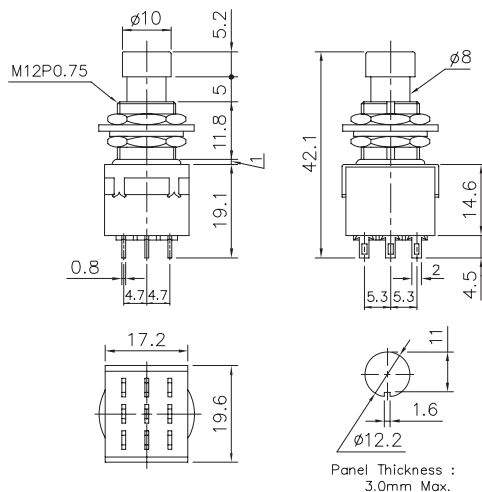
- Rating: 4A 125VAC/ 2A 250VAC
- Contact Resistance: 50mΩ Max.
- Insulation Resistance: DC 500V 100MΩ Min.
- Dielectric strength: AC 1500 1 Min.
- Electrical Life: 20,000 cycles at full load
- Operating Temperature: -20~ 65 degree C

FEATURE

- Metal push button
- M12 P0.75 busing
- Solder or PC through hole terminals
- ON-ON or (ON)-ON function
- Hardware accessories supplied



PB-4067 ON-ON
PB-4067M (ON)-ON



Part No.	Function	
PB-4067	On-On	Lock
PB-4067M	(On)-On	Momentary

RATING

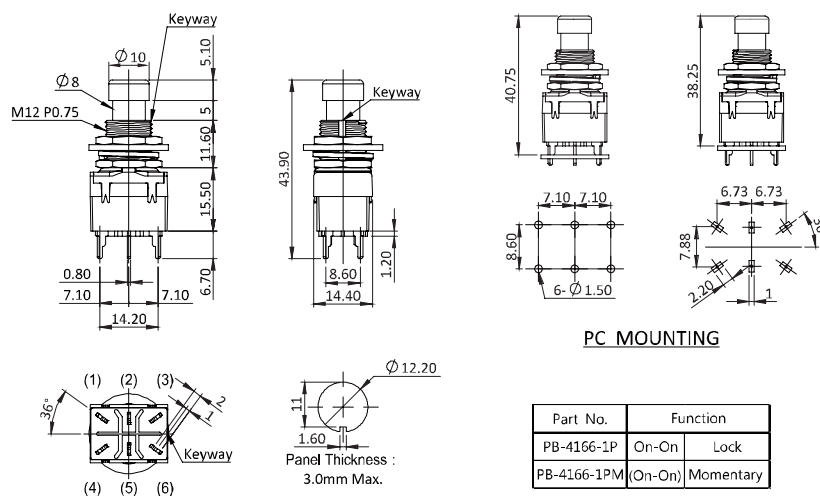
- Rating: 4A 125VAC/ 2A 250VAC
- Contact Resistance: 50mΩ Max.
- Insulation Resistance: DC 500V 100MΩ Min.
- Dielectric strength: AC 1500 1 Min.
- Electrical Life: 50,000 cycles at full load
- Operating Temperature: -20~ 65 degree C

FEATURE

- Metal push button
- M12 P0.75 busing
- Solder or PC through hole terminals
- ON-ON or (ON)-ON function
- Hardware accessories supplied



PB-4166-1P ON-ON
PB-4166-1PM (ON)-ON



Part No.	Function	
PB-4166-1P	On-On	Lock
PB-4166-1PM	(On)-On	Momentary

ANTI-VANDAL SWITCH T7 SERIES

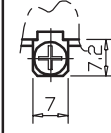
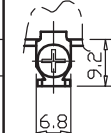
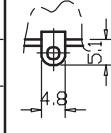
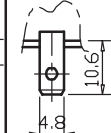
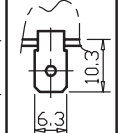
RATING

- 15A 125VAC, 10A 250VAC (cURus)
- 20A 125VAC, 15A 250VAC (cURus)
- Contact resistance: 20mΩ max.
- Withstand voltage: 1500VAC for 1 minute
- Insulation resistance: 500VDC 200MΩ min.

FEATURE

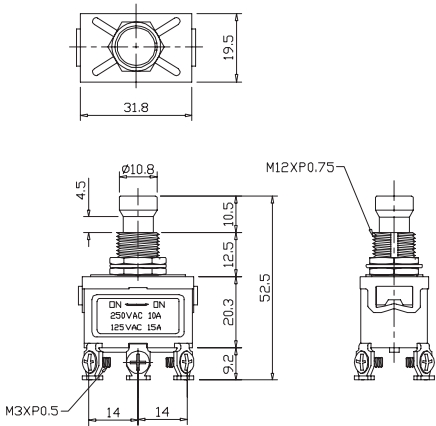
- Contacts: Silver alloy
- Bushing & Actuator: Brass
- Cover: Steel
- Nuts: Steel
- Housing: Phenolic
- Name plate available upon request

T7	A	1	1	PU	B2	H1	R
SERIES SYMBOL	RATING	POLE	FUNCTION	ACTUATOR	BUSHING	TERMINAL	ROHS
T7 SERIES	A 15A 125VAC 10A 250VAC B 20A 125VAC 15A 250VAC	1 - 1 POLE 2 - 2 POLES	1 ON-OFF 2 ON-ON	PU - PUSH BUTTON 	B4 12.5mm	H1 - H2 - H3 - H4 - H5 -	R - ROHS

H1	H2	H3	H4	H5
				



T7A22PUB4H2R



T7A11PUB4H2R

