

8800 Thinline Rocker Switches 10A 250Vac



- ▶ Ultra thin rocker switch
- ▶ Ratings up to 15A, 250Vac
- ▶ Single and twin gang
- ▶ Panel cut out:
Single 19.3 x 6.8
Twin 19.3 x 13.4



10(6)A 250Vac T100
6(2)A 250Vac T100 5E4 (50,000 Operations)
Inrush 50A to EN60065:1998



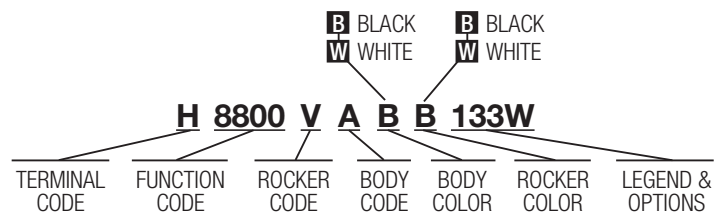
UL CSA 15A 250Vac (Twin unit is 10A 250Vac)
UL CSA 125Vac 1/2hp
UL 100°C, file E45221, CSA file LR10990



RoHS compliant

3mm contact gap.
Technical data on pages 4 & 5.

ORDER FORMAT

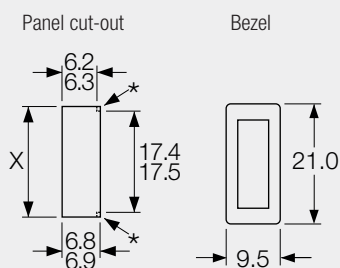


▶ TERMINAL	▶ FUNCTION	▶ ROCKER
H 4.8 x 0.8	 Switches are ON when pressed over terminal 1	V Curved
T 3.5 x 0.8 Solder	8800 ON - OFF Single pole	
X 0.8Sq Solder * *Available for single switch only, not twin	8800/8800 ON - OFF Twin (Single pole)	



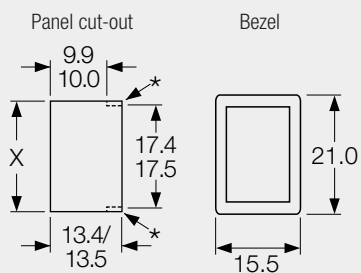
BODY

A Single pole



*Optional profile for orientation

A Single pole - Twin



*Optional profile for orientation

Panel thickness	Dim X
0.75-1.24	19.1/19.2
1.25-1.99	19.3/19.4
2.00-3.00	19.7/19.8

Cut-outs must be punched in the direction of insertion

OPTIONS

Finish

Matt finish only

Color

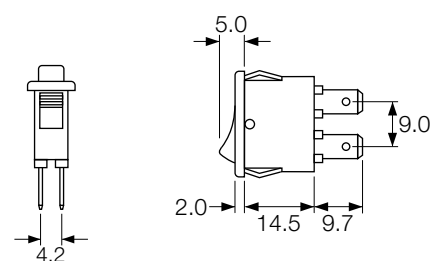
Call factory for custom colors.
A full range is available for large orders

Legend printing

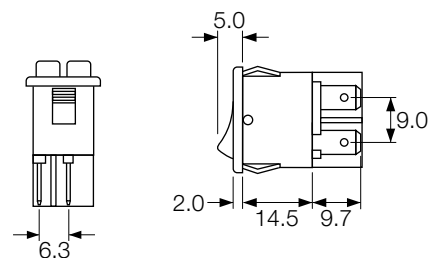
Select from the examples or call the
factory for custom legends

Dimensions (mm)

8800VA (H terminals shown)



8800 8800VA (H terminals shown)



Examples of our range of legend printing

() is legend color B-Black, W-White, R-Red



132(W)



133(W)



H8500VB ---
T8500VB ---



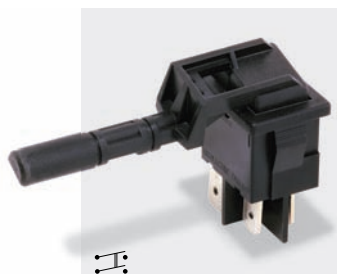
H8550VB ---
T8550VB ---



H8550HB ---
T8550HB ---



H8550XB ---
T8550XB ---



H8550RB Semi-rotary
A splash proofing option



H8500PO ---
Pushbutton option



H8553VB ---
T8553VB ---

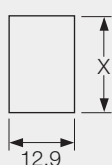


H8580AB ---

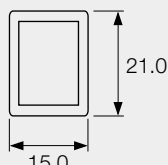
BODY

B
Standard body with terminal barrier

Panel cut-out

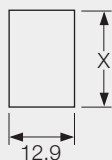


Bezel

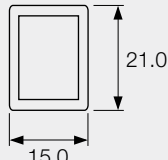


BC
Body without terminal barrier

Panel cut-out



Bezel



Dimensions for snap-in fixing

Panel thickness	Dim X
0.75-1.25	19.1/19.2
1.25-2.00	19.3/19.4
2.00-3.00	19.7/19.8

Cut-outs must be punched in the direction of insertion

OPTIONS

Finish
Matt finish only

Color
Call factory for custom colors
A full range is available for large orders

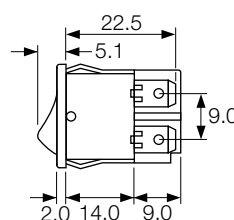
Legend printing
Select from the examples or call the factory for custom legends

Lamp voltage
Call factory for details of other available voltages

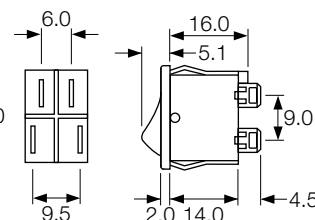
Protective cover L167
(designed to IP65)
Snaps on to bodies with V or X style rockers and A lens but reduces panel thickness by 0.8mm



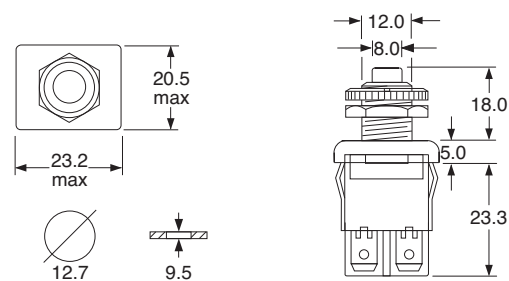
DIMENSIONS (mm)



"B" body with barrier for H, T and K terminals



"BC" body w/o barrier primarily for L or R terminals
(can be used for all terminals)



'PO' Actuator and body - push button function (8500 only)

Examples of our range of legend printing
() is legend color B-Black, W-White, R-Red



551(W)



080(W)

8600 Rocker Switches - Miniature 10A 250Vac Single & Double Pole



- ▶ Miniature rocker switch
- ▶ Ratings up to 16A, 250Vac
- ▶ Single & double pole
- ▶ Single throw or double throw
- ▶ Momentary Options
- ▶ 187 TAB, solder and PCB terminals
- ▶ Illuminated and non-illuminated
- ▶ Matching indicators
- ▶ Panel cut out
single: 19.3 x 12.9
double: 19.3 x 21.9



10(4)A 250Vac T90 (unless noted below)



UL CSA See ratings below
UL 65°C, file E45221, CSA file LR10990

In house test

Inrush 50A to EN61058-1 & 10A 24Vdc



RoHS compliant

3mm contact gap except where marked μ .
Technical data on pages 4 & 5 (switches), 6 (indicators).

NON-LIT			LIT		
B BLACK	B BLACK	A AMBER	2 125V NEON		
R RED	R RED	C CLEAR	3 250V NEON		
W WHITE	W WHITE	G GREEN	7 12V INCANDESCENT		
		R RED			

H 8653 V B B R 2 551W

TERMINAL CODE FUNCTION CODE ROCKER CODE BODY CODE BODY COLOR ROCKER COLOR LAMP VOLTAGE (if required) LEGEND & OPTIONS



ORDER FORMAT

▶ TERMINAL	▶ FUNCTION		▶ ROCKER
H 4.8 x 0.8 T 3.5 x 0.8 Solder X 3.7 x 5.3 PCB 0.8 Sq Double Pole switches with "X" terminals are supplied without terminal barriers	Approvals & ratings vary with function ON - OFF ON - OFF (momentary ON) ON - OFF (momentary OFF) ON - OFF Lit ON - ON ON - ON (momentary 1 side) ON - OFF - ON Indicator	 ON OFF Switches are ON when pressed over terminal 3 8600 10(4)A 16A 250V, 10A 277V 1/2HP 277V, 1/4HP 125V 8601 6(1)A 16A 250V, 6A 277V 8602 10A 16A 250V, 10A 277V N/A 8610 6(1)A 10A 277V 1/2HP 277V, 1/4HP 125V 8611 6A 277V 8620 μ See page 16 8630 	V Curved V Curved (lit) D Paddle lever (Single pole non-lit only) H Slotted for actuator (8600 and 8610 only) F Flat Indicator only (Single pole)



H8600VB
T8600VB



H8600VB
T8600VB



H8630FB
T8630FB



H8650VB
T8650VB



H8660VB
T8660VB

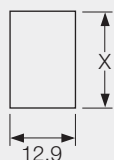


H8653VB
T8653VB

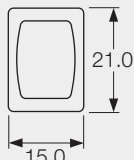
BODY

B Single pole

Panel cut-out



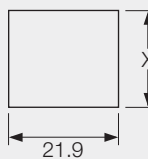
Bezel



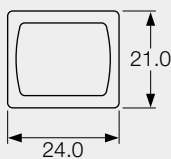
Panel thickness	Dimension X
0.75-1.24	19.1/19.2
1.25-1.99	19.3/19.4
2.00-3.00	19.7/19.8

B (Double Pole) with terminal barrier BC (Double Pole) w/o terminal barrier

Panel cut-out



Bezel



Panel thickness	Dimension X
0.75-1.24	19.1/19.2
1.25-1.99	19.3/19.4
2.00-3.00	19.7/19.8

Cut-outs must be punched in the direction of insertion

OPTIONS

Finish

Matt finish only

Color

Call factory for custom colors
A full range is available for large orders

Legend printing

Select from the examples or call the factory for custom legends

Lamp voltage

Call factory for details of other available voltages

Hole Plug 8630FBBB Black Standard

Dummy unit to fill unused panel holes

Single pole size only

White available contact factory

Protective covers

L167 for SP

L180 for DP

(designed to IP65)

Snap on to bodies with V rocker or F lens but



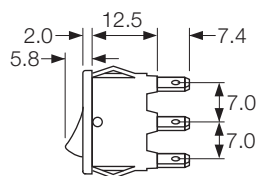
reduce panel thickness by 0.8mm.
Not for use with momentary types

Single Pole options

Most switches shown can have single pole switching in double pole bodies

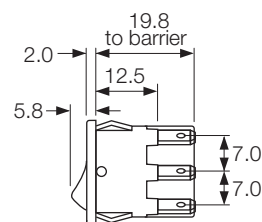
DIMENSIONS (mm)

Single pole



Terminals shown
are "H" 4.8 push on type

Double pole

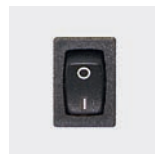


Terminal spacing
10.2 between pole centres

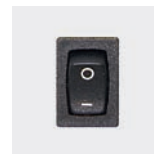
For 8620 and 8670 dimensions see page 16

Examples of our range of legend printing

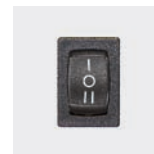
() is legend color B-Black, W-White, R-Red



577(W)



080(W)



141(W)



142(W)



059(W)



058(W)

8620 & 8670 Rocker Switches - 3 Positions 10A 250Vac



H8620VB ---
T8620VB ---



H8670VB ---
T8670VB ---

- ▶ 3 position miniature rocker switch
- ▶ Ratings up to 15A, 250Vac
- ▶ Single & double pole
- ▶ Center off switching
- ▶ 187 TAB, solder and PCB terminals
- ▶ Matching indicators
- ▶ Panel cut out:
single: 19.3 x 12.9
double: 19.3 x 21.9



10(4)A 250Vac T90



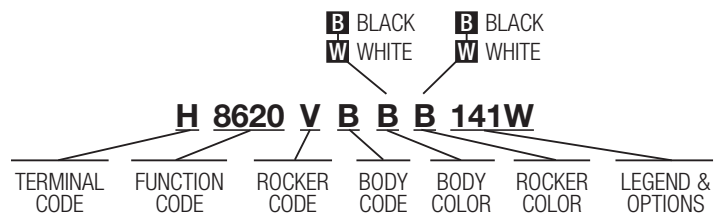
UL CSA 15A 277Vac (Single pole)
UL CSA 250Vac 1/2hp (Single pole)
UL CSA 125Vac 1/4hp (Single pole)
UL CSA 10A 277Vac (Double pole)
UL CSA 277Vac 1/2hp (Single & Double pole)
UL 90°C, file E45221, CSA file LR10990

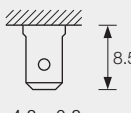
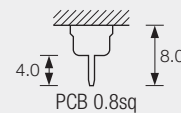
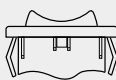
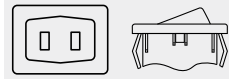
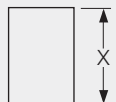
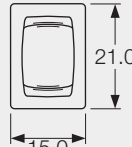
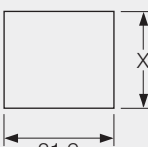
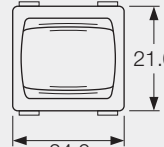
RoHS

RoHS compliant

μ contact gap.
Technical data on pages 4 & 5.

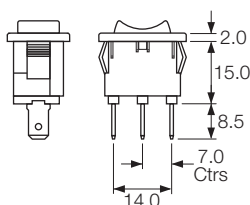
ORDER FORMAT



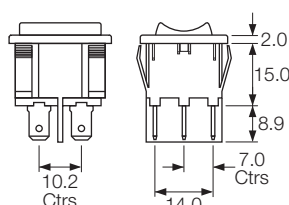
▶ TERMINAL	▶ FUNCTION	▶ ROCKER	▶ BODY	▶ OPTIONS
H  4.8 x 0.8 T  Ø2.15 Solder X  4.0 PCB 0.8sq Double pole switches with X terminals are supplied without terminal barriers	 8620  ON - OFF - ON Single pole  8670  ON - OFF - ON Double pole	V Curved  H Slotted for actuator (8620 only) 	B Single pole  12.9 Panel thickness 0.75-1.24 1.25-1.99 2.00-3.00  21.0 Dim X 19.1/19.2 19.3/19.4 19.7/19.8 B Double pole  21.9 Panel thickness 0.75-1.24 1.25-1.99 2.00-3.00  21.0 Dim X 19.1/19.2 19.3/19.4 19.7/19.8 Cut-outs must be punched in the direction of insertion	Finish Matt finish only. Color Call factory for custom colors. A full range is available for large orders. Legend printing Select from the examples or call factory for custom legends. Protective covers IP65 L167 for SP L180 for DP (designed to IP65) Snaps on to body, this reduces maximum acceptable panel thickness to 2.2mm. 

Dimensions (mm)

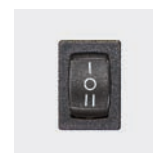
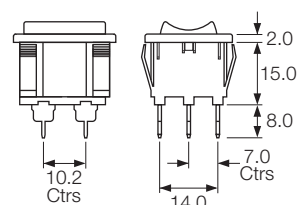
8620VB (H terminals shown)



8670VB (H terminals shown)



8670VB (X terminals shown)



1250 Rocker Switches 10A 250Vac



10(6)A 250Vac T100
6A 400Vac T100
1A 30Vdc



UL CSA 10A 250Vac
UL CSA 16A 250Vac Resistive
UL CSA 125Vac 1/2hp
UL CSA 1A 30Vdc
UL 100°C, file E45221, CSA file LR10990

In house test

Inrush 75A to EN61058-1



RoHS compliant

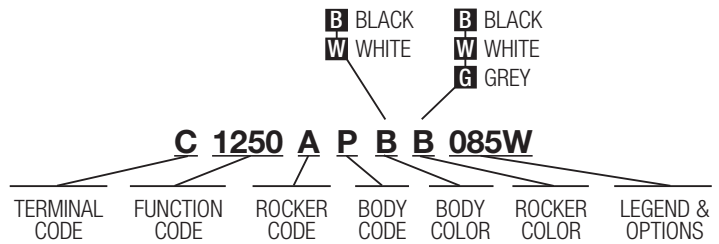
3mm contact gap
Technical data on pages 4 & 5

- Standard rocker switch
- Double pole in single pole body
- Snap in or sub panel mount
- Integral terminal barrier
- Push on or PCB terminals
- High inrush tolerance
- Panel cut out:
27.2 x 12.4 (snap in)
26.3 x 12.4 (sub panel mount)



rocker switches

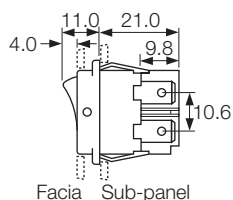
ORDER FORMAT



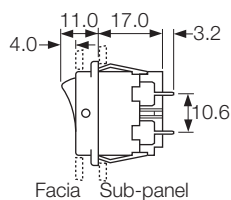
TERMINAL	FUNCTION	ROCKER	BODY	OPTIONS
C 6.3 x 0.8	 On when pressed over terminal 1 1250 ON - OFF Double pole Poles are 9.0mm between centres.	A Curved Shown in N body	N Panel cut-out Sub-panel Facia Bezel Panel thickness 0.75-1.24 1.25-1.99 2.00-3.00 Dim X 26.1/26.2 26.3/26.4 26.7/26.8	Finish Matt finish only. Color Call factory for custom colors. A full range is available for large orders. Legend printing Select from the examples or call factory for custom legends. Contact factory for suggested terminals.
X PCB 0.8sq (N body only)	 On when pressed over terminal 1 1250SP ON - OFF Single pole	P Panel cut-out Bezel Panel thickness 0.75-3.00	Cut-outs must be punched in the direction of insertion	

Dimensions (mm)

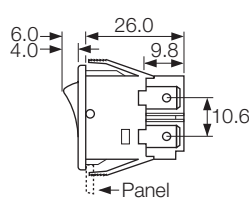
1250AN (C terminals shown)



1250AN (X terminals shown)



1250AP (C terminals shown)



Connector Housing F1344



6000 SP Splash Resistant Rocker Switches 16A 250Vac



- ▶ Ratings up to 20A, 277Vac
- ▶ High in-rush (ON-OFF types)
- ▶ Positive switch action
- ▶ Distinctive styling
- ▶ Illuminated & non-illuminated
- ▶ Single pole
- ▶ Matching indicator
- ▶ Panel cut out:
30.1 x 11.1mm



In house test



European 16(4)A 250Vac T125, 10A 400Vac T125

UL CSA 20A 277Vac, 250Vac 11/2hp, 125Vac 1hp
UL 100°C, file E45221, CSA file LR10990

Inrush 150A* to EN61058-1 (ON - OFF only)

* applies to non-momentary types

RoHS compliant

3mm contact gap with Positive Break switching.
Call factory for IP details.
Technical data on pages 4 & 5 (switches), 6 (indicators).

NON-LIT			LIT		
B BLACK	B BLACK	A AMBER	2 125V NEON		
R RED	R RED	C CLEAR	3 250V NEON		
W WHITE	W WHITE	G GREEN	7 12V INCANDESCENT		
		R RED			

C 6003 A L B R 2 1197W

ORDER FORMAT

TERMINAL CODE FUNCTION CODE ROCKER CODE BODY CODE BODY COLOR ROCKER COLOR LAMP VOLTAGE IF REQUIRED LEGEND & OPTIONS

TERMINAL	FUNCTION	ROCKER
C 6.3 x 0.8	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 3 	A Softline Matt
	6000 ON - OFF 	
	6001 ON - OFF (momentary ON) 	A Softline Matt
	6002 ON - OFF (momentary OFF) 	Lit
	6003 ON - OFF Lit 	
	6008 ON - OFF Lit (Unswitched neutral) 	P Lit window Matt
	6009 ON - OFF (momentary ON) Lit (Unswitched neutral) 	
	6010 ON - ON 	A Lens Matt (6030 indicator only)
	6011 ON - ON (momentary 1 side) 	
	6030 Indicator 	
H 4.8 x 0.8		
S Screw & Clamp N/A for assemblies with 3 terminals		

For twin switches and double pole circuits see pages 20 & 21



Integral Splash Resistance

Current carrying parts are protected from moisture. Droplets which may enter the switch are channelled out through ports in the switch body.

For IP65 see options below



C6000AL ---



C6000AL ---



C6010AL ---



C6003AL ---

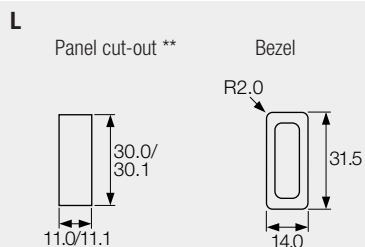


C6003PL ---



C6030AL ---

BODY



OPTIONS

Finish Matt is standard

Color Call factory for custom colors. A full range is available for large orders

Legend printing Select from the examples or call factory for custom legends

Lamp voltage Call factory for details

Protective cover (designed to IP65 #)

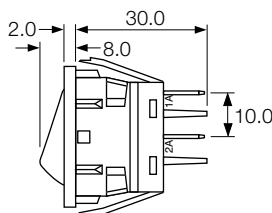
The 6000 series is a water thru design. For a higher level of sealing, a snap on cover is available (add suffix G74). This reduces panel thickness by 1mm.



Panel sealing washer W46 is available but reduces panel thickness by a further 0.8mm. Covers are not suitable for momentary types.

For all options call the factory

DIMENSIONS (mm)



Panel thickness

L 0.75 to 2.5mm

** For cut-out details on momentary switches call sales

Examples of our range of legend printing

() is legend color B-Black, W-White, R-Red



1224(W)



1223(W)

Cut-outs must be punched in the direction of insertion

6050 DP Splash Resistant Switches - & Twins # 16A 250Vac



- ▶ Ratings up to 20A, 277V ac
- ▶ High in-rush (ON-OFF types)
- ▶ Positive switch action
- ▶ Distinctive styling
- ▶ Illuminated & non-illuminated
- ▶ Double pole
- ▶ Panel cut out: 30.1 x 22.2mm



European 16(4)A 250Vac T125, 10A 400Vac T125

UL CSA 20A 277Vac, 250Vac 1'/hp, 125Vac 1hp
UL 100°C, file E45221, CSA file LR10990

In house test

Inrush 150A* to EN61058-1

8(8)A 250Vac T125 5E4 on 6050 only

* applies to non-momentary types

RoHS

RoHS compliant

3mm contact gap with Positive Break switching.

Call sales for IP details on Twin units.

Technical data on pages 4 & 5 (switches), 6 (indicators).
Patent app.

NON-LIT		LIT	
B BLACK	B BLACK	A AMBER	
R RED	R RED	C CLEAR	2 125V NEON
W WHITE	W WHITE	G GREEN	3 250V NEON
		R RED	7 12V INCANDESCENT

C 6053 A L B R 2 1197W

TERMINAL CODE FUNCTION CODE ROCKER CODE BODY CODE BODY COLOR ROCKER COLOR LAMP VOLTAGE IF REQUIRED LEGEND & OPTIONS

ORDER FORMAT

TERMINAL	FUNCTION				ROCKER
C 6.3 x 0.8	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminals 3 & 6				A Softline Matt
	6050 ON - OFF 		6060 ON - ON 		
	6051 ON - OFF (momentary ON) 		6061 ON - ON (momentary 1 side) 		
	6052 ON - OFF (momentary OFF) 		6062 2 Circuit ON - ON In house tests only 		
	6053 ON - OFF Lit 		6066 ON - ON (Single pole) Isolated light 		A Softline Matt Lit
	6054 ON - OFF (momentary ON) Lit 		6067 ON - ON Lit 		
	6055 ON - OFF (Single pole) (momentary ON) Lit 		6068 ON - ON 1pole ON - OFF Lit 1pole 		
	6056 ON - OFF (Single pole) Isolated light 		6090 ON - OFF 1pole ON - OFF Lit 1pole 		
	6057 ON - OFF Isolated light 		6091 ON - OFF (momentary ON) Lit 		P Lit Window Matt
	6058 ON - OFF (Single pole) Lit 		6092 ON - OFF 1 pole ON - ON 1 pole Lit 		 Lit Window
S 4.8 x 0.8 Screw & Clamp N/A for assemblies with 3 terminals in either pole	6059 ON - OFF (Single pole) (momentary ON) Isolated light 	Circuits are Double Pole unless described otherwise			



Integral Splash Resistance

Current carrying parts are protected from moisture. Droplets which may enter the switch are channelled out through ports in the switch body

For IP65 see options below



C6050AL



C6053AL



C6053PL



C6000/6000AL



C6003/60003PL



C6003P/6030AL

BODY

L Double pole

Panel cut-out * Bezel

L Twin units

Contact sales for information on splash resistance and IP ratings

Panel cut-out * Bezel

Cut-outs must be punched in the direction of insertion

OPTIONS

Finish Matt is standard

Color Call factory for custom colors
A full range is available for large orders

Legend printing Select from the examples or call factory for custom legends

Lamp voltage Call factory for details

Protective cover (designed to IP65 #)
The 6000 series is a water thru design.
For a higher level of sealing, a snap on cover is available (add suffix G72). This reduces panel thickness by 1mm.

Panel sealing washer W42 is available but reduces panel thickness by a further 1.00mm.
Covers are not suitable for momentary types.

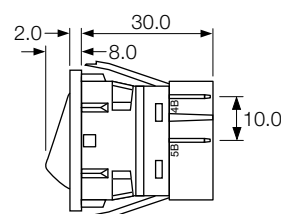
IP Ratings Call the factory for details

Jumper Terminal P1067 connects the poles of a double pole switch or twin unit

Mounting orientation may affect IP rating

For all options call the factory

DIMENSIONS (mm)



Terminal spacing - Poles 10.5 between centres

Panel thickness

L 0.75 to 3.0mm

* For cut-out details on momentary switches call sales

Examples of our range of legend printing

() is legend color B-Black, W-White, R-Red



1196(W)



1197(W)

1500 Standard & 1300 High Inrush Switches 150A to EN61058-1 and 16A 250Vac



- ▶ Standard rocker switch
- ▶ Non-illuminated
- ▶ 1300 high inrush current
- ▶ Choice of switching circuits including 3 position
- ▶ Choice of bezel styles
- ▶ Choice of 6 panel cut outs
- ▶ We match all major brands
- ▶ Matching indicator
- ▶ Single pole
- ▶ Splash resistant option
- ▶ Panel cut out 'A' style: 27.3 x 12.3mm



1500 Series 16(4)A 250Vac T125

UL CSA 16A Non Ind 250Vac, (2 posn) 250Vac 1hp, 125Vac 1/2hp, (3 posn) 250Vac 1/2hp, 125Vac 1/4hp
UL 10A 14Vdc 'T' (1500 and 1510 only)
UL 85°C, file E45221, CSA file LR10990

In house test

10A 24Vdc



1300 series 16(6)A 250Vac T125 5E4 (50,000 Ops.) 150A Inrush to EN61058-1

UL CSA 20A 250Vac 1hp, 125Vac 1/2hp
UL 85°C, file E45221, CSA file LR10990

In house test

20A 24Vdc



RoHS compliant

3mm contact gap except if marked μ .
Technical data on pages 4 & 5 (switches), 6 (indicators).

NON-LIT			LIT		
B BLACK	B BLACK	A AMBER	X 'X' ROCKER COLOR R,G,W,B		
R RED	R RED	C CLEAR	2 125V NEON		
W WHITE	W WHITE	G GREEN	3 250V NEON		
		R RED	7 12V INCANDESCENT		

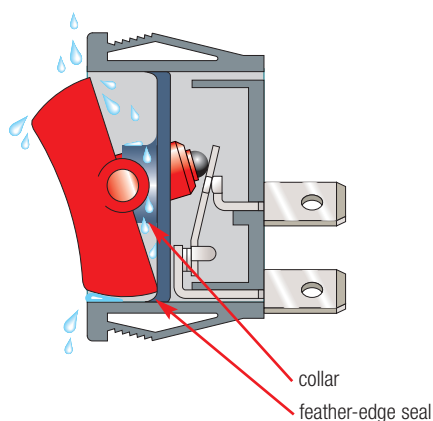
C 1300 A L B B - 602AW

TERMINAL CODE	FUNCTION CODE	ROCKER CODE	BODY CODE	BODY COLOR	ROCKER COLOR	LAMP VOLTAGE OR "ON LIGHT"	LEGEND & OPTIONS
---------------	---------------	-------------	-----------	------------	--------------	----------------------------	------------------

ORDER FORMAT

TERMINAL	FUNCTION	ROCKER
C 6.3 x 0.8 9.1	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 1 	A Softline Matt
H 4.8 x 0.8* 9.1	Standard 1500 1501 HP rating N/A	B Splash resistant (with Arcshield) Matt
K 2.0 1.2 2.8 x 0.8* 9.1	1502 HP rating N/A	H Slotted (for custom Adaptors) not momentary
T Ø2.1 Solder 7.0	1510 μ HP rating N/A	V Curved Matt or gloss
U Ø2.1 Right angle "T" solder terminal 3.2	1511 μ HP rating N/A	W Splash resistant (with Arcshield) Matt
X 4.0 9.1 PCB 0.8Sq* *N/A for 1300 series	1520 μ 125V & 250V 1/2 HP H terminal rated T100 only	X Two color Matt ON - OFF only (not momentary)
	1521 μ HP rating N/A H terminal rated T100 only	F Flat lens Gloss (0430 only)
	1522 μ HP rating N/A H terminal rated T100 only	A Softline lens Matt (0430 only) as F but with raised profile
	430 X terminal N/A	
	Indicator Technical data on page 6 	

Splash Resistant



1500 W and B splash resistant options

Feather edge seals and a close fitting collar protect current carrying parts from moisture.

B option has Hytrel collar/seals for enhanced protection.



C1500AR
T1500AR



C1500AL
T1500AL



C1500XL
T1500XL



C1510AL
T1520AL



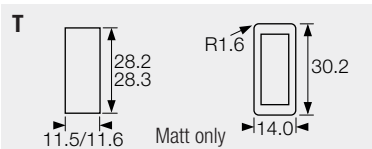
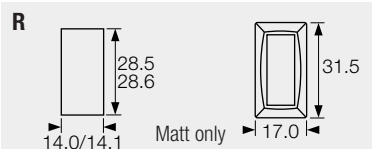
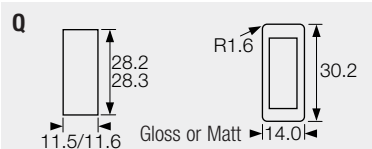
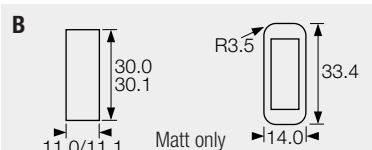
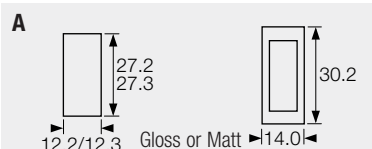
C1520AL
T1520AL



C430AL
T430AL

BODY

Panel cut-out * Bezel
Cut-outs must be punched in the direction of insertion



OPTIONS

Finish Matt is standard

Color Call factory for custom colors
A full range is available for large orders

Legend printing Select from the examples or
call factory for custom legends

Lamp voltage Call factory for details

Hole Plug 1530BB Dummy units
to fill unused panel holes

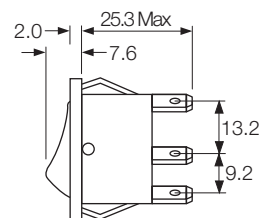
Protective cover (designed to IP65)
Snaps on to A, L, Q or T bodies
(add G74 as a suffix).
This reduces panel thickness by 1mm.



Panel sealing washer W46 is available for the
same body sizes but reduces panel thickness by a
further 0.8mm.
Covers are not suitable for momentary types.

For all options call the factory

DIMENSIONS (mm)



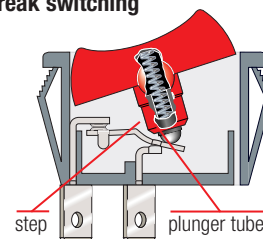
Panel thickness

A,Q	0.75 to 3.3mm
L,B,T	0.75 to 2.5mm
R	0.75 to 3.0mm

* For cut-out details
on momentary switches
call sales

1300 High inrush, positive break switching

The 1300 series mechanism
ensures contact welds formed at
switch-on are positively separated
by the plunger tube acting directly
on the step in the moving contact.



Examples of our range of legend printing

() is legend color B-Black, W-White, R-Red



602A(W)



730(W)



822(W)

5500 Lit Rocker Switches - Single Pole 16A 250Vac



- ▶ Standard rocker switch
- ▶ Illuminated
- ▶ Choice of switching circuits
- ▶ Choice of bezel styles
- ▶ Choice of 6 panel cut outs
- ▶ We match all major brands
- ▶ Matching indicator
- ▶ Single pole
- ▶ Splashproof option
- ▶ Panel cut out 'A' style: 27.3 x 12.3mm



16(4)A 250Vac T85
10(3)A 250Vac T100, (12A 250Vac T125 for P rocker only)



UL CSA 15A 250Vac, CSA 16A Non Ind 250Vac
UL CSA 250Vac 1hp, 125Vac 1/2hp
UL 85°C, file E45221, CSA file LR10990

In house test

Inrush 24A to EN61058-1



RoHS compliant

μ contact gap.

Technical data on pages 4 & 5 (switches), 6 (indicators).

For Twin units repeat the order details for both the left and right sides.

NON-LIT		LIT	
B BLACK	B BLACK	A AMBER	
R RED	R RED	C CLEAR	2 125V NEON
W WHITE	W WHITE	G GREEN	3 250V NEON
		R RED	7 12V INCANDESCENT

C 5503 A L B R 2 602W

ORDER FORMAT

TERMINAL CODE FUNCTION CODE ROCKER CODE BODY CODE BODY COLOR ROCKER COLOR LAMP VOLTAGE (if required) LEGEND & OPTIONS

TERMINAL	FUNCTION		ROCKER
C 6.3 x 0.8	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 3		A Softline (Matt only) Lit
H 4.8 x 0.8	5500 μ	ON - OFF 	 Lit
T Solder	5503 μ preferred option	ON - OFF Lit Switched neutral 	P Lit window (Matt only) Lit
	5508 μ for special applications	ON - OFF Lit Unswitched neutral 	 Lit



C5503AL



C5500AL



C5503PL



C5503/5430AL

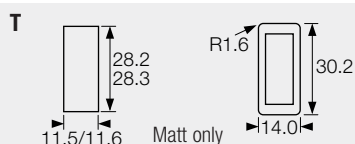
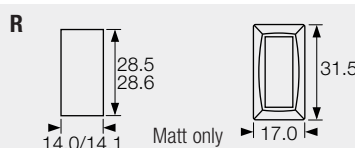
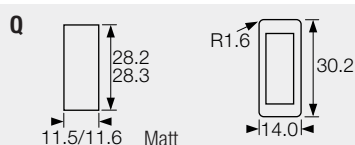
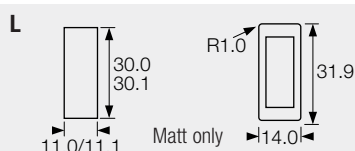
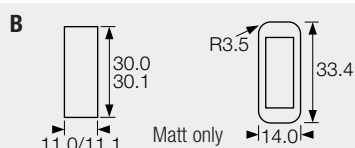
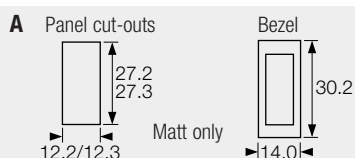


C5503/5503AL



C5503/5503PL

BODY



Cut-outs must be punched in the direction of insertion

OPTIONS

Finish Matt is standard

Color Call factory for custom colors
A full range is available for large orders

Legend printing Select from the examples or
call factory for custom legends

Lamp voltage Call factory for details

Hole Plugs 1530ABB (SP) 1580ABB (DP)
Dummy units to fill unused panel holes

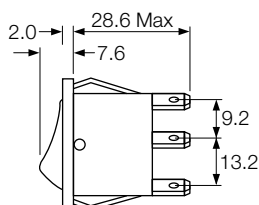
Protective covers (designed to IP65)
Snap on to A, L, Q or T bodies.
(add G74 suffix for single & G72 for double pole).
This reduces panel thickness by 1mm.



Panel sealing washers W46 (Single Pole) and
W42 (Double Pole) are available for these
body types but reduce panel thickness by a further
1.00mm.

For all options call the factory

DIMENSIONS (mm)



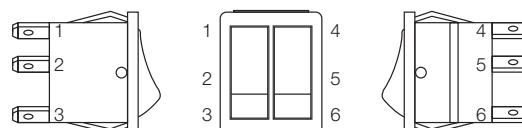
Terminal spacing - Poles 10.8 between centres (twin units)

Panel thickness

A,Q	0.75 to 3.3mm
L,B,T	0.75 to 2.5mm
R	0.75 to 3.0mm

Twin units

Two single switches or a switch and an indicator light can be
assembled side by side in one double pole body.
For 5500 range panel cut-out details (L, B and T) call sales.



For twin units the first set of order format details refer to the
left hand unit, when looking at the front of the assembly.
(This has terminal numbers 1, 2 & 3)

Examples of our range of legend printing

() is legend color B-Black, W-White, R-Red



602(W)



3064(W)



706(W)

1500 Twin Units Switches and Indicators 16A 250Vac



- ▶ Twin unit rocker switch
- ▶ Choice of switching circuits including 3 position
- ▶ Push-on, solder and PCB terminals
- ▶ Choice of bezel styles
- ▶ Choice of 6 panel cut outs
- ▶ We match all major brands
- ▶ Matching indicator
- ▶ Single pole switches
- ▶ Splashproof option
- ▶ Panel cut out 'A' style: 27.2 x 22.3mm



16(4)A 250Vac T125



UL CSA 16A 250Vac

UL CSA (2 posn) 250Vac 1hp, 125Vac 1/2hp, (3 posn) 250 Vac 1/2hp, 125Vac 1/4hp

UL 85°C, file E45221, CSA file LR10990

In house test

Inrush 36A to EN61058-1

For versions with High Inrush or for 50,000 operations, see page 20.

RoHS

RoHS compliant

3mm contact gap except where marked μ .

Technical data on pages 4 & 5 (switches), 6 (indicators).

NON-LIT			LIT*
B BLACK	B BLACK	A AMBER	X 'X' ROCKER COLOR R,G
R RED	R RED	C CLEAR	2 125V NEON* *Indicator only
W WHITE	W WHITE	G GREEN	3 250V NEON*
		R RED	7 12V INCANDESCENT*

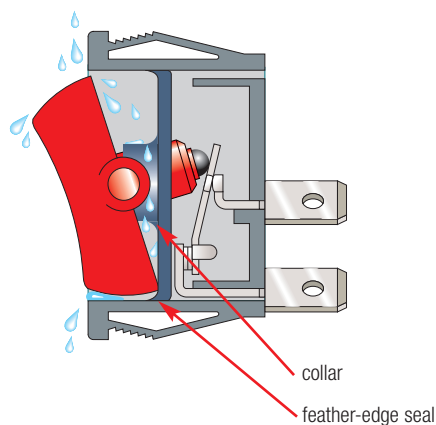
C 1500/1500 A L B R 2 602AW

TERMINAL CODE FUNCTION CODE ROCKER CODE BODY CODE BODY COLOR ROCKER COLOR LAMP VOLTAGE OR "ON LIGHT" LEGEND & OPTIONS

ORDER FORMAT

TERMINAL	FUNCTION	ROCKER
C 6.3 x 0.8 H 4.8 x 0.8 K 2.8 x 0.8 T Solder X PCB 0.8Sq	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 1 or 4 1500 ON - OFF 1510 μ HP rating N/A ON - ON 1520 μ 125V & 250V 1/2 HP H terminal rated T100 only ON - OFF - ON 430 X terminal N/A Indicator Technical data on page 6 	A Softline (Matt) B Softline splash resistant (Matt) W Curved splash resistant (Matt) X Two colour (Matt) (not momentary) ON - OFF only A Softline lens (Matt) (Indicator)

Splash Resistant



1500 W and B splash resistant options

Feather edge seals and a close fitting collar protect current carrying parts from moisture.

B option has Hytrel collar/seals for enhanced protection.



C1500/1500AL



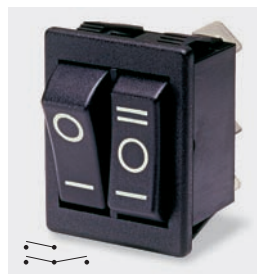
C1500/0430AL



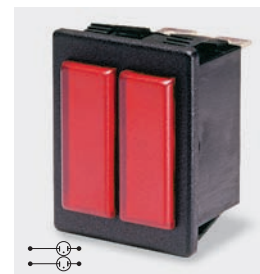
C1500/1500XL



C1520/1510AL

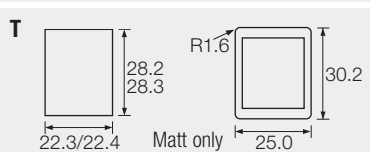
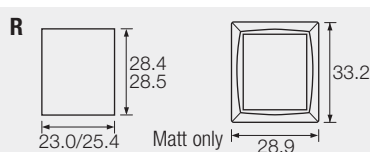
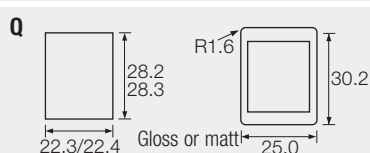
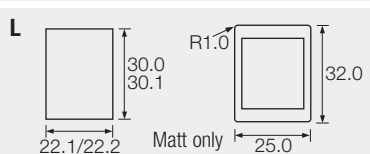
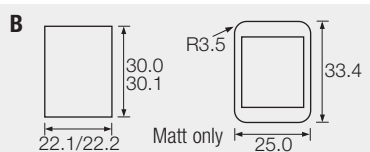
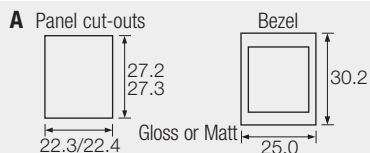


C1500/1520AL



C430/430AL

BODY



Cut-outs must be punched in the direction of insertion

OPTIONS

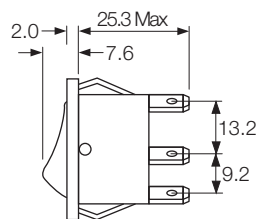
Finish Matt is standard

Color Call factory for custom colors
A full range is available for large orders

Legend printing Call factory for custom legends. State if a legend is to appear on the right or left hand unit (viewed from the front)

Lamp voltage Call factory for details

DIMENSIONS (mm)



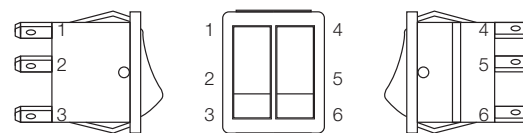
Call sales for terminal spacing details

Panel thickness

A,Q	0.75 to 3.3mm
L,B,T	0.75 to 2.5mm
R	0.75 to 3.0mm

Twin units

Two single switches or a switch and an indicator light can be assembled side by side in one double pole body.



For twin units the first set of order format details refer to the left hand unit, when looking at the front of the assembly.
(This has terminal numbers 1, 2 & 3)

Examples of our range of legend printing

() is legend color B-Black, W-White, R-Red



602A(W)



1091(W)

For all options call the factory

1550 Standard & 1350 High Inrush Switches 150A to EN61058-1 and 16A 250Vac



- ▶ Standard rocker switch
- ▶ 1350/53 high inrush
- ▶ Choice of switching circuits including 3 position
- ▶ Push-on, solder and PCB terminals
- ▶ Choice of bezel styles
- ▶ Choice of 6 panel cut outs
- ▶ We match all major brands
- ▶ Matching indicator
- ▶ Double pole
- ▶ Splashproof option
- ▶ Panel cut out 'A' style: 27.2 x 22.3mm



In house test



In house test



1550 Series 16(4)A 250Vac T125

UL CSA 16A 250Vac, (2 posn) 250Vac 1hp, 125Vac 1/2hp, (3 posn) 250 Vac 1/2hp, 125Vac 1/4hp.
UL 85°C, file E45221, CSA file LR10990.

10A 24Vdc.

1350 series 16(4)A 250Vac T85 1E4 (10,000 Ops.)

1330 series 16(6)A 250Vac T125 5E4 (50,000 Ops.)

150A Inrush to EN61058-1.

UL CSA 20A 250Vac 1hp, 125Vac 1/2hp.

UL 72Vdc 7A, 36Vdc 14A.

UL 85°C, file E45221, CSA file LR10990.

20A 24Vdc

RoHS compliant

3mm contact gap except if marked μ .

Technical data on pages 4 & 5 (switches), 6 (indicators).

NON-LIT			LIT		
B BLACK	B BLACK	A AMBER	X 'X' ROCKER COLOR R,G,W,B		
R RED	R RED	C CLEAR	2 125V NEON		
W WHITE	W WHITE	G GREEN	3 250V NEON		
		R RED	7 12V INCANDESCENT		

C 1353 A L B R 2 602AW

TERMINAL CODE FUNCTION CODE ROCKER CODE BODY CODE BODY COLOR ROCKER COLOR LAMP VOLTAGE OR "ON LIGHT" LEGEND & OPTIONS

ORDER FORMAT

TERMINAL	FUNCTION		ROCKER
C 6.3 x 0.8 9.1	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 1		A Softline Matt Lit (not momentary)
H 4.8 x 0.8* 9.1	Standard 1550 1551 <i>HP rating N/A</i> 1552 <i>HP rating N/A</i>	High Inrush 1350 <i>Not W, X or B rocker</i>	B Splash resistant (with Arcshield) V Curved Matt or gloss Gloss only Lit (not momentary)
K 2.8 x 0.8* 9.1	1553 <i>Not W, X or B rocker</i> 1560 μ 1561 μ <i>HP rating N/A</i> 1562 μ <i>In house tests only</i> 1570 μ 125V & 250V 1/2 HP H terminal rated T100 only 1571 μ <i>HP rating N/A</i> <i>H terminal rated T100 only</i> 1572 μ <i>HP rating N/A</i> <i>H terminal rated T100 only</i> 1484 μ <i>In-house tested to 10(3)A 250Vac (B rocker only)</i> 1487 μ <i>In-house tested to 10(3)A 250Vac (B rocker only)</i> 0480 <i>X terminal N/A</i>	1353 <i>Not W, X or B rocker</i>	W Splash resistant (with Arcshield) P Lit window Matt Lit (not momentary)
T Solder Ø2.1 7.0	ON - OFF ON - OFF (momentary ON) ON - OFF (momentary OFF) ON - OFF Lit ON - ON ON - ON (momentary 1 side) 2 Circuit ON - ON ON - OFF - ON ON - OFF - ON (momentary 1 side) ON - OFF - ON (momentary 2 sides) 3 position selective 3 position selective (Consult sales for other switch options)		X Two color Matt Flat lens Gloss (0480 only) A Softline lens Matt (0480 only) as F but with raised profile R Round Top view
U Right angle T Solder (Not DP) Ø2.1 3.2	Indicator Technical data on page 6		
X PCB 0.8Sq* 4.0 9.1 *Contact sales for details on 1350 series			



C1350AL ---



C1550XL ---



C1553PL ---


C1553RA ---
Shown with M614 bezel cover


C0480AL ---



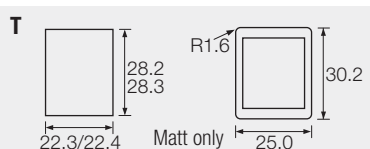
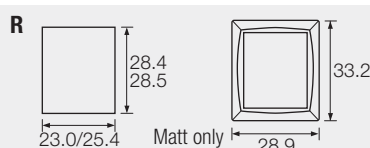
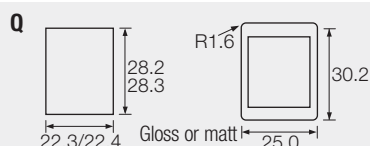
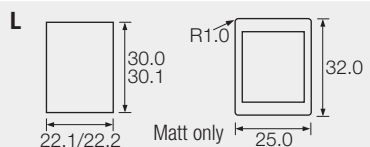
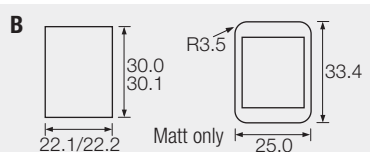
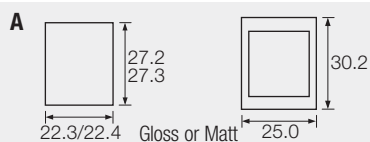
Optional snap-in M441 barrier


C1553AA with M616 guard
Cut-out 22.0/22.1 x 29.4/29.5
Guard accepts "A" body only

C0480RA ---
Shown with M614 bezel cover

BODY

Panel cut-out * Bezel
Cut-outs must be punched in the direction of insertion



OPTIONS

Finish Matt is standard

Color Call factory for custom colors.
A full range is available for large orders

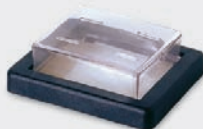
Legend printing Select from the examples or
call factory for custom legends

Lamp voltage Call factory for details

Hole plug 1580ABB

Dummy units to fill unused panel holes

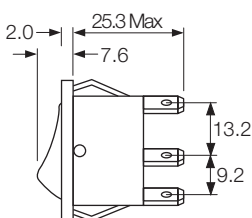
Protective cover (designed to IP65)
Snaps on to A, L, Q or T bodies
(add G72 as a suffix). This reduces panel
thickness by 1 mm.



Panel sealing washer W42 is available for the
above body sizes but reduces panel thickness
by a further 1.00mm.
Covers are not suitable for momentary types.

For all options call the factory

DIMENSIONS (mm)



Terminal spacing - Poles 10.2 between centres

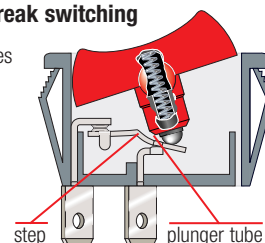
Panel thickness

A,Q 0.75 to 3.3mm
L,B,T 0.75 to 2.5mm
R 0.75 to 3.0mm

* For cut-out details on
momentary switches call sales.

1350 High inrush, positive break switching

The 1350 series mechanism ensures
contact welds formed at switch-on,
are positively separated by the
plunger tube acting directly on the
step in the moving contact.



Examples of our range of legend printing

() is legend color B-Black, W-White, R-Red



602A(W)



730(W)



822(W)

1550 Standard & 1350 High Inrush Switches 150A to EN61058-1 and 16A 250Vac

With Integral Guard or Cover



- ▶ Standard rocker switch
- ▶ 1350/53 high inrush
- ▶ Choice of switching circuits including 3 position
- ▶ Push-on, solder and PCB terminals
- ▶ Choice of bezel styles
- ▶ Choice of panel cut outs
- ▶ Matching indicator
- ▶ Double pole
- ▶ Option with integral guard & cover
- ▶ Bezel size 'G' style 32.0 x 25.0



In house test



In house test



1550 Series 16(4)A 250Vac T125

UL CSA 16A 250Vac, (2 posn) 250Vac 1hp, 125Vac 1/2hp, (3 posn) 250 Vac 1/2hp, 125Vac 1/4hp.
UL 85°C, file E45221, CSA file LR10990.

10A 24Vdc.

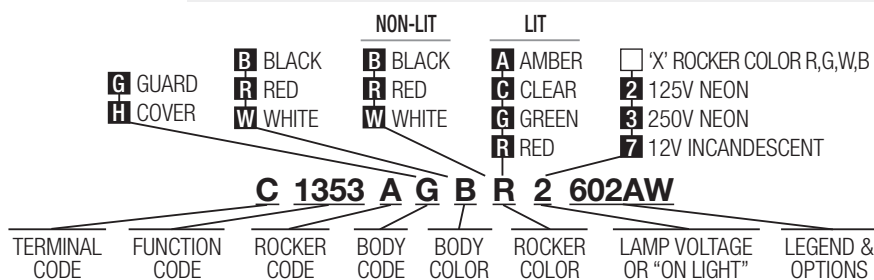
1350 Series

UL CSA 20A 250Vac 1hp, 125Vac 1/2hp.
UL 72Vdc 7A, 36Vdc 14A.
UL 85°C, file E45221, CSA file LR10990.

20A 24Vdc

RoHS compliant

3mm contact gap except if marked μ .
Technical data on pages 4 & 5 (switches), 6 (indicators).



ORDER FORMAT

TERMINAL	FUNCTION	ROCKER
C 6.3 x 0.8	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 1	A Softline Matt Lit (not momentary)
H 4.8 x 0.8*	Standard 1550 1551 HP rating N/A 1552 HP rating N/A	V Curved Matt or gloss Gloss only Lit (not momentary)
K 2.8 x 0.8*	1553 1560 μ 1561 μ HP rating N/A 1562 μ In house tests only 1570 μ 125V & 250V 1/2 HP H terminal rated T100 only 1571 μ HP rating N/A H terminal rated T100 only 1572 μ HP rating N/A H terminal rated T100 only	P Lit window Matt Lit (not momentary)
T Solder	1353 ON - OFF ON - ON ON - ON (momentary 1 side) 2 Circuit ON - ON ON - OFF - ON	
U Right angle T Solder (Not DP)	ON - OFF (momentary ON) ON - OFF (momentary OFF) ON - ON ON - ON (momentary 1 side) ON - OFF - ON ON - OFF - ON (momentary 1 side) ON - OFF - ON (momentary 2 sides)	
X PCB 0.8Sq* *Contact sales for details on 1350 series		



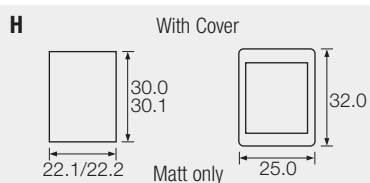
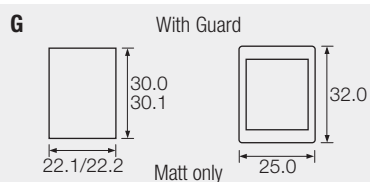
C1550AH ---



C1553AH ---

BODY

Panel cut-out * Bezel
Cut-outs must be punched in the direction of insertion



OPTIONS

Finish Matt is standard

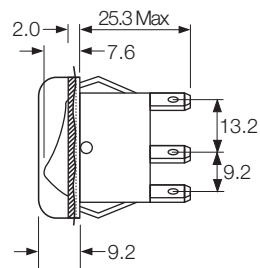
Color Call sales for custom colors.
A full range is available for large orders

Legend printing Select from the examples or
call sales for custom legends

G Guard color must match body color

H Clear cover standard with lighted switches.
Black standard with non-lighted

DIMENSIONS (mm)



Terminal spacing - Poles 10.2 between centres

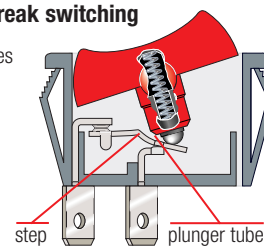
Panel thickness

G, H 0.75 to 2.5mm

* For cut-out details on
momentary switches call sales.

1350 High inrush, positive break switching

The 1350 series mechanism ensures
contact welds formed at switch-on,
are positively separated by the
plunger tube acting directly on the
step in the moving contact.



Examples of our range of legend printing

() is legend color B-Black, W-White, R-Red



602A(W)



730(W)



822(W)

R13 Round Rocker Switches 10A 250Vac



- ▶ Miniature round rocker switch
- ▶ Ratings up to 10A, 250Vac
- ▶ Single & double pole
- ▶ Illuminated & non-illuminated, neon and LED
- ▶ Choice of actuators
- ▶ Matching indicator
- ▶ Panel cut out: 20.2 dia.



SP 6A 250Vac T85,
DP 10(4)A 250Vac T85



UL CSA SP 10A 125Vac & 6A 250Vac (For 16A call the factory)
UL CSA DP 8A 125/250Vac
UL 85°C, file E67774(S)
CSA file LR45128



RoHS compliant

Single pole has μ contact gap.
Technical data on pages 4 & 5.

Standard products

Are supplied with the body and rocker color, print & lamp voltage shown in the product illustration and description.

PRODUCT DETAILS



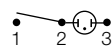
SP ON - OFF μ

Cat no.
R13 112ABB-602AW



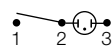
SP ON - OFF μ

Cat no.
R13 112AWW-602AB



SP ON - OFF μ
Lit 110V

Cat no.
R13 112BBBR2



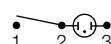
SP ON - OFF μ
Lit 110V

Cat no.
R13 112BBG2



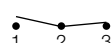
DP ON - OFF
Lit 110V

Cat no.
R13 244ABB-602AW



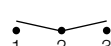
SP ON - OFF μ
Lit 110V

Cat no.
R13 112BWR2



SP ON - ON μ

Cat no.
R13 112CBB



SP ON - OFF - ON μ

Cat no.
R13 112DBB-730W



SP ON - OFF μ
(Momentary On)*

Cat no.
R13 208FBB

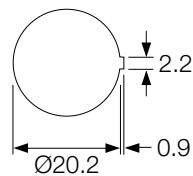


DP ON - OFF
Lit 110V

Cat no.
R13 244BBR2

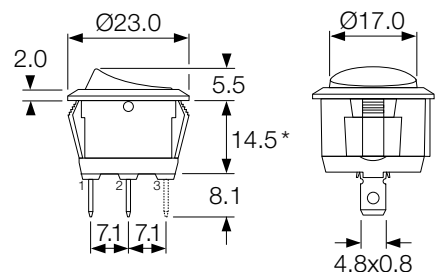
DIMENSIONS (mm)

Panel cut-out



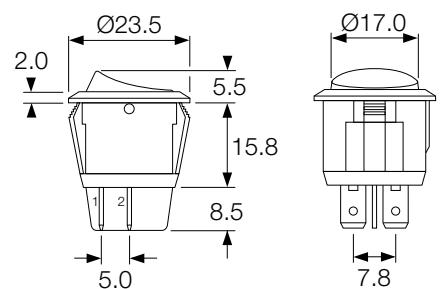
Snap fixing into panel thickness up to 3.0

Single pole



* R13 208F has 12.5mm deep body

Double pole



ORDER FORMAT



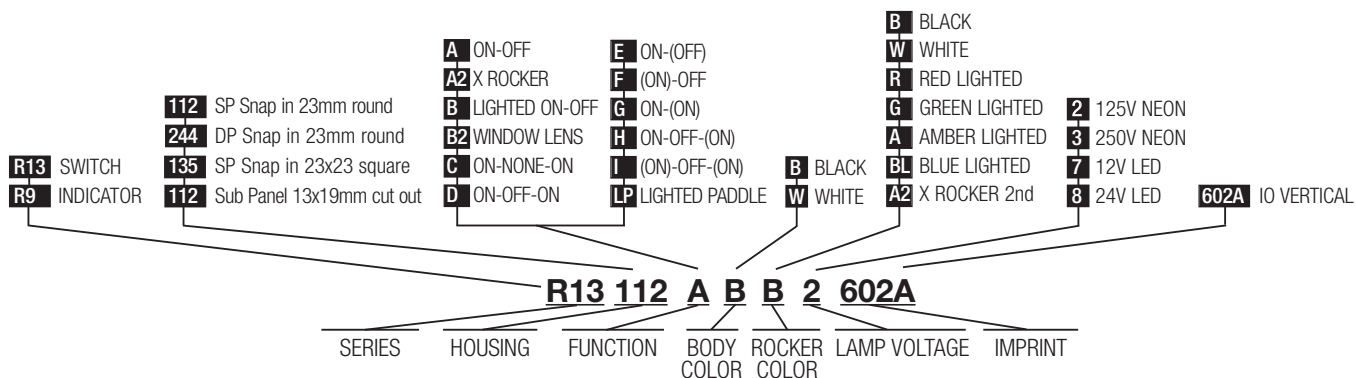
R13 112B



R13 112A



R13 112A2 ---



PRODUCT DETAILS



SP ON - OFF μ
Bright colour ON signal
Cat no.
R13 112A2BBR



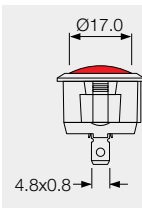
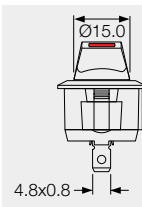
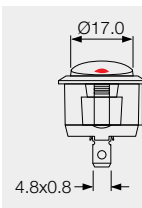
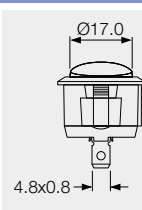
SP ON - OFF μ
Lit Window 110V
Cat no.
R13 112B2BR2



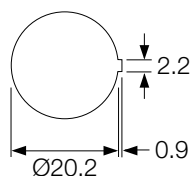
SP ON - OFF μ
Paddle tip has red LED
Cat no.
R13 112LPBBR



Indicator light 110V
Cat no.
R9 92B BR2



PANEL CUT-OUT (mm)



Snap fixing into panel thickness up to 3.0



Protective cover L188

Snap on to bodies (not R13 211 or R13 112LP), this reduces maximum acceptable panel thickness to 2.4mm.

approvals - contact sales