

Bulgin's range of **high quality rocker switches** includes a huge choice of **single** and **double pole** options available in various sizes, colours, terminations, actuator types and **ratings up to 16A, 250Vac**, allowing for virtually any design configuration.

- Available types: Ultra-thin, Miniature, Twin unit, Miniature round and Standard
- Rating from 10A, 250V ac up to 20A, 277V ac
- Single & double pole variants available
- Push-on, solder & PCB terminals
- Illuminated and non-illuminated options
- High in-rush (ON-OFF types)
- Matching Indicators
- Splash resistant options
- Choice of bezel styles and sizes, panel cut-outs and actuators
- Choice of switching circuits including 3 position



8800 Thinline Rocker Switches

10A 250Vac



Key Features

- 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

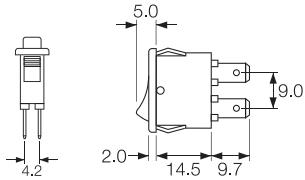
Approvals and specifications

- 10(6)A 250Vac T100 1E4 (10,000 Operations)
6(2)A 250Vac T100 5E4 (50,000 Operations)
Inrush rating 10/50A 1E4 (10,000 Operations)
- UL CSA 15A 250Vac (Twin unit is 10A 250Vac)
UL CSA 125Vac 1/2hp
UL 100°C, file E45221, CSA file LR10990
- 3mm contact gap.

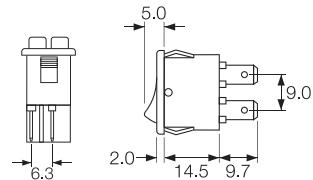
Terminal	Function	Rocker	Body	Body Colour	Rocker Colour
H	 Switches are ON when pressed over terminal 1		 A. Single pole Panel Cut: X, 6.2, 6.3, 17.4, 17.5, 6.8, 6.9 Bezel: 21.0, 9.5 *Optional profile for orientation	B Black	B Black
T	 ON - OFF Single pole		 B. Single pole - Twin Panel Cut: X, 9.9, 10.0, 17.4, 17.5, 13.4, 13.5 Bezel: 21.0, 15.5 *Optional profile for orientation	R Red	R Red
X	 ON - OFF Twin pole		Panel thickness 0.75-1.2 Dim X 1.25-1.99 19.1/19.2 2.00-3.00 19.3/19.4 19.7/19.8	W White	W White

Dimensions

8800VA (H terminals shown)



8800V/8800VA (H terminals shown)



132

Legend

Blank

Blank

B

Black

W

White

Legend Colour

Finish

Matt finish only.

Colour

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

Legend printing

Select from the examples or call sales for
custom legends.

Options

Examples



⊜ X8800VA



⊜ X8800VA
⊜ T8800VA - - -



⊜ X8800VA
⊜ T8800VA - - -



⊜ H8800V/H8800VA
⊜ T8800V/T8800VA



⊜ H8800V/H8800VA
⊜ T8800V/T8800VA

8500 Rocker Switches - Miniature

10A 250Vac Single & Double Pole



Key Features

- Miniature rocker switch
- Ratings up to 15A, 250Vac
- Single & double pole in same body size
- Illuminated & non-illuminated
- Matching indicators
- Industry standard panel cut-out
- Rotary and push button actuator options
- Panel cut out: 19.3 x 12.9

Approvals and specifications

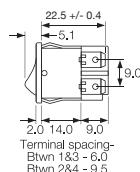
- 10(6)A 250Vac T125 IE4 (non lit types)
6(4)A 250Vac T125 5E4 (50,000 Operations)
10(6)A 250Vac T100 (lit types)
- UL CSA 15A Non Ind 250Vac, 14A Ind 250Vac, 10A 277Vac
UL CSA 250Vac 1/2hp, 125Vac 1/4hp
UL 105°C, (non lit) file E45221, CSA file LR10990

3mm contact gap.

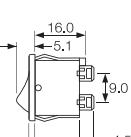
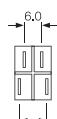
Terminal	Function	Rocker	Body	Body Colour	Rocker Colour
H 8.5 4.8 x 0.8	 ON OFF Switches are ON when pressed over terminal 1	H Slotted for custom caps Slots for snap-in buttons	B Standard body with terminal barrier Panel cut out: 19.3 x 12.9 Bezel: 21.0 x 15.0	B Black	Un-Lit B Black
K 8.5 2.8 x 0.8	 ON - OFF Single pole (Uses terminals 1a & 2a)	R Semi-rotary (not lit) 		R Red	R Red
L 3.2 2.8 x 0.8 Right angle version of K terminal available on 8500 only	 ON (lit) - OFF Single pole	D Paddle lever (not lit) 	BC Body without terminal barrier Panel cut out: 19.3 x 12.9 Bezel: 21.0 x 15.0	W White	Lit A Amber
8500 		V Curved (not lit) 			G Green
8503 		V Curved (lit) 			C Clear
8550 	 ON - OFF Double pole	X Two colour (not lit) 			R Red
R 4.5 3.1 4.8 x 0.8	 ON (lit) - OFF Double pole	A Softline lens 			
8553 					
T 8.5 +/- 0.4 R1.0 R0.8 3.5 Solder	 Available with H terminals only 	P Push button operation (8500 only) See drawing opposite			

Dimensions

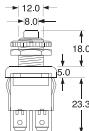
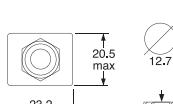
"B" body with barrier for H, T and K terminals



"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)



Insert Colour	Lamp Voltage	Legend	Legend Colour	Options
X Rocker Only	Blank	Blank	Blank	<p>Finish Matt finish only.</p> <p>Colour Call sales for custom colours. A full range is available for large orders.</p> <p>Legend printing Select from the examples or call sales for custom legends.</p> <p>Lamp voltage Call sales for details of available voltages.</p>
R Red	2 125V Neon	076	B Black	
W White	3 250V Neon		W White	<p>Protective cover L167 Snaps on to bodies with V or X style rockers and A lens. This reduces panel thickness by 0.8mm.</p> 
Leave blank for other Rocker types	7 12V Filament			
	8 24V Filament			

Examples



H8500VB ---
T8500VB ---



H8550VB ---
T8550VB ---



H8550HB ---
T8550HB ---



H8550XB ---
T8550XB ---



H8550RB Semi-rotary
A splash proofing option



H8500PO ---
Pushbutton option



H8553VB ---
T8553VB ---



H8580AB ---

8600 Rocker Switches - Miniature

10A 250Vac Single & Double Pole



Key Features

- Miniature rocker switch
- Ratings up to 16A, 250Vac
- Single & double pole
- ON/OFF, C/O, biased and centre off switching
- Push on, 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

Approvals and specifications

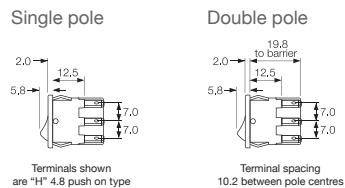
10(4)A 250Vac T90 (unless noted below)

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

3mm contact gap except where marked μ.

Terminal	Function	Approvals	Rocker	Body	Body Colour
H 4.8 x 0.8	 ON OFF Switches are ON when pressed over terminal 3		V Curved 	B Single pole Panel cut out: X Bezel: 21.0 Width: 12.9 Depth: 15.0	B Black
8600 10(4)A 16A 250V, 10A 277V 1/2HP 277V, 1/4HP 125V ON - OFF			V Curved (lit) 	B Single pole Panel thickness: 0.75-1.25, 1.25-1.99, 2.00-3.00 Dim X: 19.1/19.2, 19.3/19.4, 19.7/19.8	R Red
8601 6(1)A 16A 250V, 6A 277V ON - OFF (momentary ON)		8651 6(1)A 6A 277V ON - OFF (momentary ON)	F Flat Indicator only (Single pole) 	B (Double Pole) with terminal barrier Panel cut out: X Bezel: 21.0 Width: 15.0	W White
8602 10A 6A 277V ON - OFF (momentary OFF)		8652 10(4)A 6A 277V ON - OFF (momentary OFF)		BC (Double Pole) w/o terminal barrier Panel cut out: X Bezel: 21.0 Width: 24.0	
X PCB 0.8sq	N/A ON - OFF Lit	8653 10(4)A 6A 277V ON - OFF Lit		Double Pole dimensions for snap-in fixing Panel thickness: 0.75-1.24, 1.25-1.99, 2.00-3.00 Dim X: 19.1/19.2, 19.3/19.4, 19.7/19.8	
8610 6(1)A 10A 277V 1/2HP 277V, 1/4HP 125V ON - ON		8660 6(1)A 10A 277V 1/2HP 277V, 1/4HP 125V ON - ON		Cut-outs must be punched in the direction of insertion	
8611 6A 277V ON - ON (momentary 1 side)		8661 6A 277V ON - ON (momentary 1 side)			
8620 μ ON - OFF - ON		8670 μ ON - OFF - ON			
8630 6(1)A UL E63363 CSA LR29381 KEMA-KUER Indicators		N/A			

Dimensions



Terminals shown
are "H" 4.8 push on type

Terminal spacing
10.2 between pole centres

Rocker Colour	Lamp Voltage	Legend	Legend Colour	Options
Un-Lit B Black		Blank	Blank	Finish Matt finish only.
R Red	2 125V Neon	076	B Black	Colour Call sales for custom colours. A full range is available for large orders.
W White				Legend printing Select from the examples or call sales for custom legend.
Lit A Amber	3 250V Neon		W White	Lamp voltage Call sales for details of available voltages.
G Green				Blanking plate A8634FB Dummy unit to fill unused panel holes. Single pole size only.
C Clear	7 12V Filament			Protective covers L167 for SP L180 for DP Snap on to bodies with V rocker or F lens. This reduces panel thickness by 2.2mm.
R Red	8 24V Filament			

Single Pole options
Most switches shown can have single pole switching in double pole bodies.

Examples



H8600VB ---
T8600VB ---



H8600VB ---
T8600VB ---



H8630FB ---
T8630FB ---



H8650VB ---
T8650VB ---



H8660VB ---
T8660VB ---



H8653VB ---
T8653VB ---

8620 & 8670 Rocker Switches

3 Positions - 10A 250Vac



Key Features

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

Approvals and specifications

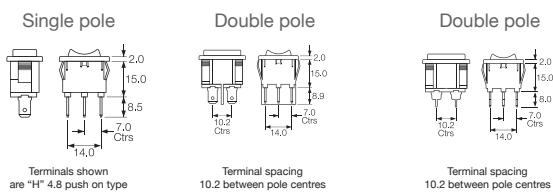
10(4)A 250Vac T90

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
μ contact gap.

Terminal	Function	Rocker	Body	Body Colour	Rocker Colour
H 4.8 x 0.8	8620 ON - OFF - ON Single pole	V Curved	B Single pole Panel thickness 0.75-1.24 1.25-1.99 2.00-3.00 Dim X 19.1/19.2 19.3/19.4 19.7/19.8	B Black	Lit (DP)
T Solder Ø2.15 6.4	8670 ON - OFF - ON Double pole	H Slotted for actuator (8620 only)	B Single pole - Twin Panel thickness 0.75-1.24 1.25-1.99 2.00-3.00 Dim X 19.1/19.2 19.3/19.4 19.7/19.8	W White	A Amber
X PCB 0.8sq Double pole switches with X terminals are supplied without terminal barriers 4.0 8.0				R Red	C Clear
				R Red	G Green
				R Red	R Red
				B Black	Lit (DP)
				R Red	B Black
				W White	W White

Cut-outs must be punched in the direction of insertion

Dimensions



Lamp Voltage	Legend	Legend Colour	Options
— Blank	— Blank	— Blank	<p>Finish Matt finish only.</p> <p>Colour Call sales for custom colours. A full range is available for large orders.</p>
2 125V Neon	076	B Black	<p>Legend printing Select from the examples or call sales for custom legend.</p> <p>Lamp voltage Call sales for details of available voltages.</p> <p>Blanking plate A8634FB Dummy unit to fill unused panel holes. Single pole size only.</p> <p>Protective covers L167 for SP L180 for DP Snap on to bodies with V rocker or F lens. This reduces panel thickness by 2.2mm.</p> 
3 250V Neon		W White	
7 12V Filament			
8 24V Filament			<p>Single Pole options Most switches shown can have single pole switching in double pole bodies.</p>

1250 Rocker Switches

10A 250Vac



Key Features

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

Terminal	Function	Rocker	Body	Body Colour	Rocker Colour
C	<p>2a— 2 1a— 1 On when pressed over terminal 1</p> <p>6.3 x 0.8</p> <p>1250</p> <p>2a • 2 1a • 1 ON - OFF Double pole Poles are 9.0mm between centres.</p>	A Curved Shown in N body	N Panel cut-out Bezel Sub-panel Facia 12.4/12.5 26.1/26.2 23.8 nom 29.5 13.1 nom R3.5 13.0 Panel thickness Dim X 0.75-1.24 26.1/26.2 1.25-1.99 26.3/26.4 2.00-3.00 26.7/26.8	B Black	B Black
X	<p>1a— 1 On when pressed over terminal 1</p> <p>5.2</p> <p>PCB 0.8sq (N body only)</p> <p>1250SP</p> <p>1a • 1 ON - OFF Single pole</p>	P Shown in P body	Panel cut out Bezel 12.4/12.5 27.2/27.3 29.5 13.0 15.0 Panel thickness 0.75-3.00	W White	W White

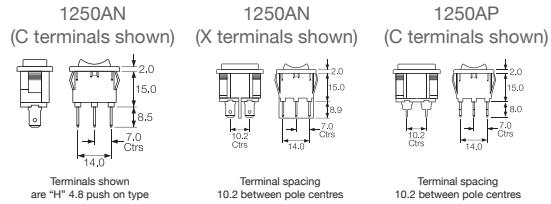
Cut-outs must be punched in the direction of insertion

Approvals and specifications

-  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

3mm contact gap

Dimensions



Legend	Legend Colour	Options
— Blank	— Blank	<p>Finish Matt finish only.</p> <p>Colour Call sales for custom colours. A full range is available for large orders.</p>
085	B Black	<p>Legend printing Select from the examples or call sales for custom legend.</p>
	W White	

6000 SP Splash Resistant Rocker Switches

16A 250Vac



Key Features

- Ratings up to 20A, 277Vac
- Positive switch action
- Distinctive styling
- Illuminated & nonilluminated
- Single pole
- Panel cut out: 30.1 x 11.1mm

Approvals and specifications

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

UL = 20A 277Vac, 1 1/2HP 250Vac 1HP 125Vac
CSA = 20A 277Vac, 1HP 125Vac, 1/2HP 125Vac

3mm contact gap with Positive Break switching.
Call factory for IP details.

Vary with Function

Approvals & ratings vary with function
ON OFF Switches - ON when pressed over terminals 3.



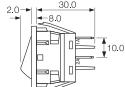
Terminal	Function	Rocker	Body	Body Colour	Rocker Colour	Lamp Voltage
C	6000 ON - OFF	A 	L Panel cut-out ** Bezel Cut-outs must be punched in the direction of insertion	B Black	Lit (DP)	Blank
	6001 ON - OFF (momentary ON)			A Amber		
H	6002 ON - OFF (momentary OFF)	A 		W White	C Clear	2 125V Neon
	6003 ON - OFF Lit			G Green	R Red	3 250V Neon
S	6008 ON - OFF Lit (Unswitched neutral)	P 			Lit (DP)	
	6009 ON - OFF (momentary ON) Lit (Unswitched neutral)			B Black	R Red	5 12Vdc LED (P Rocker)
	6010 ON - ON					6 24Vdc LED (P Rocker)
	6011 ON - ON (momentary 1 side)					7 12V Filament
						8 24Vdc Filament

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

Dimensions



Panel thickness
L 0.75 to 2.5mm
* For cut-out details on momentary switches call sales

Legend	Legend Colour	Options
—	—	G74 Protective Cover
1223	B Black	<p>Finish Matt is standard.</p> <p>Colour Call sales for custom colours. A full range is available for large orders.</p> <p>Legend printing Select from the examples or call sales for custom legends.</p> <p>Lamp voltage Call sales for details.</p> <p>Protective cover A snap on cover is available (add G after body code), this reduces panel thickness by 2mm.</p>  <p>Panel sealing washer W46 is available, this reduces panel thickness by 1.2mm.</p> <p>Covers are not suitable for momentary types. For all options call the factory</p>
	W White	

Examples



□ C6000AL - - -



□ C6000AL - - -



□ C6010AL - - -



□ C6003AL - - -



□ C6003PL - - -



□ C6030AL - - -

6050 DP Splash Resistant Switches

& Twin Switches - 16A 250Vac



Key Features

- ◊ Ratings up to 20A, 277V ac
- ◊ Positive switch action
- ◊ Distinctive styling
- ◊ Illuminated & non-illuminated
- ◊ Double pole
- ◊ DC LED Illumination Available
- ◊ Panel cut out: 30.1 x 22.2mm

Approvals and specifications

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

UL CSA (except 6054 & 6055 Switches)
20A 277Vac, 250Vac 11/2hp, 125Vac 1hp

UL 100°C, file E45221, CSA file LR10990

3mm contact gap with Positive Break switching.

Terminal	Function	Rocker	Body	Body Colour
C 6.3 x 0.8	6050 ON - OFF 6051 ON - OFF (momentary ON) 6052 ON - OFF (momentary OFF) 	6060 ON - ON 6061 ON - ON (momentary 1 side) 6062 2 Circuit ON - ON (In house tests only) 	A Softline Matt L Double Pole Panel cut-out ** Bezel 22.1/22.2 30.0/ 30.1 R2.0 25.0 31.5	Lit (DP)
H 4.8 x 0.8	6053 ON - OFF Lit 6054 ON - OFF (momentary ON) Lit 6055 ON - OFF (Single pole) (momentary ON) Lit 6056 ON - OFF (Single pole) Isolated light 6057 ON - OFF Isolated light 6058 ON - OFF (Single pole) Lit 6059 ON - OFF (Single pole) (momentary ON) Isolated light 	6066 ON - ON (Single pole) Isolated light 6067 ON - ON Lit 6068 ON - ON 1 pole ON - OFF Lit 1 pole 6069 ON - OFF 1 pole ON - OFF Lit 1 pole 6091 ON - OFF (momentary ON) Lit 6092 ON - OFF 1 pole ON - ON 1 pole Lit 	A Softline Matt L Twin units Contact sales for information on splash resistance and IP ratings 22.1/22.2 30.0/ 30.1 R2.0 25.0 31.5	A Amber C Clear G Green R Red
S 9.7 Screw & Clamp N/A for assemblies with 3 terminals	6055 ON - OFF (Single pole) (momentary ON) Lit 6056 ON - OFF (Single pole) Isolated light 6057 ON - OFF Isolated light 6058 ON - OFF (Single pole) Lit 6059 ON - OFF (Single pole) (momentary ON) Isolated light 	6068 ON - ON 1 pole ON - OFF Lit 1 pole 6069 ON - OFF 1 pole ON - OFF Lit 1 pole 6091 ON - OFF (momentary ON) Lit 6092 ON - OFF 1 pole ON - ON 1 pole Lit 	P Lit window Matt W Lit window 	Un-Lit (DP) B Black R Red W White

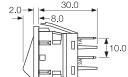
Integral Splash Resistance



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

Dimensions



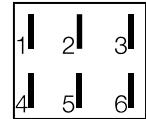
Panel thickness

L 0.75 to 2.5mm
** For cut-out details
on momentary switches
call sales

Terminal spacing - Poles 10.5 between centres

Vary with Function

Approvals & ratings vary with function
ON OFF Switches - ON when pressed
over terminals 3 & 6.



Rocker Colour	Lamp Voltage	Legend	Legend Colour	Options
B Black	— Blank	— Blank	— Blank	G74 Protective Cover Finish Matt is standard. Colour Call sales for custom colours. A full range is available for large orders. Legend printing Select from the examples or call sales for custom legends. Protective cover The 6050 series is a water through design. For a higher level of sealing, a snap on cover is available (add G after body code). This reduces panel thickness by 1mm. 
R Red	2 125V Neon	1223	B Black	
W White	3 250V Neon		W White	
	5 12Vdc LED (P Rocker)			
	6 24Vdc LED (P Rocker)			Panel sealing washer W42 is available. This reduces panel thickness by 1.00mm. Covers are not suitable for momentary types.
	7 12V Filament			IP Ratings Call the sales for details.
	8 24Vdc Filament			Terminal Link P1067 connects the poles of a double pole switch or twin unit. # Mounting orientation may affect IP rating.

Examples



□ C6050AL - - -



□ C6053AL - - -



□ C6053PL - - -



□ C6000A/C6000AL



□ C6003P/C6003PL



□ C6003P/C6030AL

1500 Standard & 1300 High Inrush Switches

150A to EN61058-1 and 16A 250Vac



Key Features

- Standard rocker switch
- Matching indicator
- Non-illuminated
- Single pole
- 150A inrush
- Splash resistant option
- Choice of switching circuits including 3 position
- DC LED Illumination Available for "P" Rocker
- Choice of bezel styles
- Panel cut out 'A' style: 27.3 x 12.3mm
- Choice of panel cut outs

Approvals and specifications

- 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
1330 36Vdc 14A
1350 72 Vdc 7A
1500 & 1510 14 Vdc 10A
UL 85°C, file E45221, CSA file LR10990
- In house test:**
10A 24Vdc—Indicative rating only
- 1300 series 16(6)A 250Vac T125 5E4 (50,000 Ops.)
150A Inrush to EN61058-1

Terminal	Function	Rocker	Body	Finish	Body Colour
C 6.3 x 0.8	Standard 1500 ON - OFF	A Softline Matt	Panel cut-out Cut-outs must be punched in the direction of insertion	M	B Black
H 4.8 x 0.8*	1501 HP rating N/A ON - OFF (momentary ON)	B Splash resistant (with Arcshield) Matt	A 27.2 27.3 30.2 12.2/12.3 14.0 Gloss or Matt	G	R Red
K 2.8 x 0.8*	1502 HP rating N/A ON - OFF (momentary OFF)	H Slotted (for custom Adapters) not momentary	B 30.0 30.1 R3.5 11.0/11.1 14.0 Matt only	Applies to both Rocker & Body	
T Ø2.1 Solder	1510 μ HP rating N/A ON - ON	V Curved Matt or gloss	L 30.0 30.1 R1.0 11.0/11.1 14.0 Matt only	W	W White
U Ø2.1 Right angle "T" solder terminal	1511 μ HP rating N/A ON - ON (momentary 1 side)	W Splash resistant (with Arcshield) Matt	Q 28.2 28.3 R1.6 11.5/11.6 14.0 Gloss or matt		
X Ø2.1 PCB 0.8Sqt* *N/A for 1300 series	1520 μ 125V & 250V 1/2 HP H terminal rated T100 only ON - OFF - ON	X Two colour Matt ON - OFF only (not momentary)	R 28.5 28.6 31.5 14.0/14.1 17.0 Matt only		
	1521 μ HP rating N/A H terminal rated T100 only ON - OFF - ON (momentary 1 side)	F Flat lens Gloss (0430 only)	T 28.2 28.3 R1.6 11.5/11.6 14.0 Matt only		
	0430 HP rating N/A H terminal rated T100 only	A Softline lens Matt (0430 only) as F but with raised profile			
	1484 In-house tested to 10(3)A 250Vac 3 position selective				
	1487 In-house tested to 10(3)A 250Vac 3 position selective				
	High Inrush 1300 ON - OFF				

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

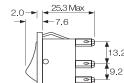
In house test:
20A 24Vdc—Indicative rating only

The 1500 & 1300 switch range are capable of reaching in excess of 300K cycles

BioCote antimicrobial additive. Independently verified to ISO22196:2007.

3mm contact gap except if marked μ .

Dimensions



Panel thickness

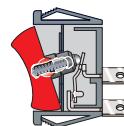
A: 0.75 to 3.3mm
L: 0.75 to 2.5mm
R: 0.75 to 3.0mm

* For cut-out details on momentary switches call sales

Splash Resistance

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.



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.

Rocker Colour	Lamp Voltage	Insert Colour	Legend	Legend Colour	Options
Un-Lit		Blank	Blank	Blank	Finish Matt is standard.
B Black		Blank	Blank	Blank	Colour Call sales for custom colours. A full range is available for large orders.
2 125V Neon		R Red	602A	B Black	Legend printing Select from the examples or call sales for custom legends.
R Red					Lamp voltage Call sales for details.
3 250V Neon		W White		W White	Blanking plates A0434 - - Dummy units to fill unused panel holes.
W White		7 12V Filament			Protective cover Snaps on to A, L, Q or T bodies (add G after body code in cat no.), this reduces panel thickness by a further 0.8mm.
Lit		8 24Vdc Filament			
A Amber					Panel sealing washer W46 is available for the same body sizes, this reduces panel thickness by a further 0.8mm.
C Clear					Covers are not suitable for momentary types.
G Green					For all options call sales.
R Red					

Examples



 C1500AR - - -
 T1500AR - - -



 C1500AL - - -
 T1500AL - - -



 C1500XL - - -
 T1500XL - - -



 C1510AL - - -
 T1510AL - - -



 C1520AL - - -
 T1520AL - - -



 C0430AL - - -
 T0430AL - - -

5500 Lit Rocker Series

10A 250Vac



Key Features

- Standard rocker switch
- Single pole
- Illuminated
- Splash resistant option
- Choice of switching circuits
- Panel cut out 'A' style:
- Choice of bezel styles
- UL CSA 15A 250Vac, CSA 16A Non Ind 250Vac
- Choice of panel cut outs
- UL CSA 250Vac 1hp, 125Vac 1/2hp
- UL 85°C, file E45221, CSA file LR10990
- Matching indicator

Approvals and specifications

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

μ contact gap.

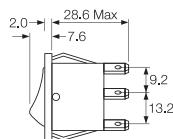
For Twin units repeat the order details for both the left and right sides.

Terminal	Function	Rocker	Body	Body Colour	Rocker Colour
C	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 3	A Softline (Matt only) 	A Panel Cut - outs Bezel 	B Black	Un-Lit
H	5500 μ ON - OFF Single pole	P Lit window (Matt only) 	B R3.5 33 14.0	W White	R Red
T	5503 μ ON - OFF Lit Switched neutral	L R1.0 31.9 14.0	W White	Lit	
	5508 μ ON - OFF Lit Unswitched neutral	Q R1.6 30.2 14.0	A Amber		
		R 28.5 28.6 14.0/14.1 31.5 17.0	C Clear		
		T 28.2 28.3 11.5/11.6 R1.6 30.2 14.0	G Green		
				R Red	

Dimensions

Panel thickness

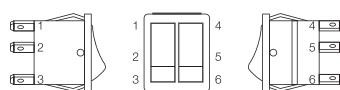
A,Q 0.75 to 3.3mm
 L,B,T 0.75 to 2.5mm
 R 0.75 to 3.0mm



Terminal spacing -
 Poles 10.8 between centres (twin units)

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)

Lamp Voltage	Legend	Legend Colour	Options
Blank	Blank	Blank	<p>Finish Matt is standard.</p> <p>Colour Call factory for custom colours. A full range is available for large orders.</p>
2 125V Neon	602A	B Black	<p>Legend printing Select from the examples or call factory for custom legends.</p> <p>Lamp voltage Call factory for details.</p> <p>Blanking plate A0434 - - (SP) A0494 - - (DP) Dummy units to fill unused panel holes.</p>
3 250V Neon		W White	<p>Protective cover Snaps on to A, L, Q or T bodies (add G after body in cat no.), this reduces panel thickness by 1.00mm.</p>
5 12Vdc LED (P Rocker) IF = 20-30mA			
6 24Vdc LED (P Rocker) IF = 20-30mA			<p>Panel sealing washers W46 (Single Pole) and W42 (Double Pole) are available for these body types, this reduces panel thickness by 2mm.</p>
7 12V Filament			<p>For all options call the factory.</p>
8 24Vdc Filament			

Examples



C5503AL - - -



C5500AL - - -



C5503PL - - -



C5503A/C5430AL



C5503A/C5503AL



C5503P/C5503PL

1500 Twin Units Switches and Indicators

16A 250Vac



Key Features

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

Approvals and Specifications

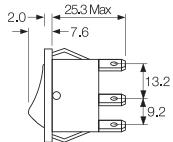
- 16(4)A 250Vac T125
- UL CSA 16A 250Vac
UL CSA (2 posn) 250Vac 1hp, 125Vac
1/2hp, (3 posn) 250 Vac
1/2hp, 125Vac 1/4hp
UL 85°C, file E45221, CSA file LR10990

For versions with High Inrush or for 50,000 operations,
3mm contact gap except where marked μ.

Terminal	Function	Rocker	Body	Finish	Body Colour	Rocker Colour
C 6.3 x 0.8	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 1 or 4	A Softline (Matt only) 	Panel Cut - outs A Bezel 22.3/22.4 Gloss or Matt	M Matt	B Black	Un-Lit
H 4.8 x 0.8	1500 ON - OFF	B Softline (Matt only) 	B 30.0 30.1 R3.5 22.1/22.2 Matt only 25.0	G Gloss	W White	B Black
T 02.1 Solder	1510 μ ON - ON	W Softline (Matt only) 	L 30.0 30.1 R1.0 22.1/22.2 Matt only 25.0	Applies to both Rocker & Body	R Red	W White
K 2.0	1520 μ ON - OFF - ON	X Softline (Matt only) 	Q 28.2 28.3 R1.6 22.3/22.4 Gloss or matt 25.0		A Amber	Lit
X 4.0	0430 Indicator	A Softline (Matt only) 	R 28.4 28.5 23.0/25.4 Matt only 28.9		C Clear	G Green
			T 28.2 28.3 R1.6 22.3/22.4 Matt only 25.0			R Red

Dimensions

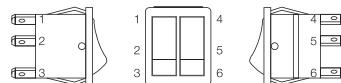
Panel thickness
A,Q 0.75 to 3.3mm
L,B,T 0.75 to 2.5mm
R 0.75 to 3.0mm



Call sales for terminal spacing details

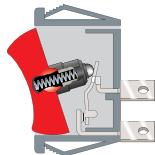
Twin units

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)

Splash Resistant



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

B option has Hytrel collar/seals for enhanced protection.

Insert Colour	Lamp Voltage	Legend	Legend Colour	Options
Blank	Blank	Blank	Blank	<p>Finish Matt is standard.</p>
R Red	2 125V Neon	602A	B Black	<p>Colour Call factory for custom colours. A full range is available for large orders.</p>
W White	3 250V Neon		W White	<p>Legend printing Select from the examples or call factory for custom legends.</p>
	5 12Vdc LED (P Rocker)			<p>Lamp voltage Call factory for details.</p>
	6 24Vdc LED (P Rocker)			
	7 12V Filament			
	8 24Vdc Filament			

Examples



□ C1500A/C1500AL



□ C1500A/C0430AL



□ C1500X/C1500XL



□ C1520A/C1510AL



□ C1500A/C1520AL



□ C0430A/C0430AL

1550 Standard and 1350 High Inrush

150A to EN61058-1 and 16A 250Vac



Key Features

- 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
- Splash resistant option
- Panel cut out 'A' style: 27.2 x 22.3mm

Approvals and specifications

- CE 1550 Series 16(4)A 250Vac T125
- UL CSA 16A 250Vac, (2 posn) 250Vac 1hp, 125Vac 1/2hp, 1350 72 Vdc 7A (3 posn) 250 Vac 1/2hp, 125Vac 1/4hp. UL 85°C, file E45221, CSA file LR10990.
- In house test:
10A 24Vdc—Indicative rating only. NB Types fitted with Neon will not illuminate for low DC voltage applications.
- 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.

Terminal	Function	Rocker	Body
C 6.3 x 0.8	Standard 1550 ON - OFF	0480 X terminal N/A ON - OFF	A Softline Matt Panel cut-out Cut-outs must be punched in the direction of insertion
H 4.8 x 0.8*	1551 HP rating N/A ON - OFF (momentary ON)	High Inrush 1350 Not W, X or B rocker ON - OFF	B Splash resistant Softline 22.3/22.4 Gloss or Matt
K 2.8 x 0.8*	1552 HP rating N/A ON - OFF (momentary OFF)	1353 Not W, X or B rocker ON - OFF Lit	V Curved Matt or Gloss Lit (not momentary)
T Solder 02.1	1560 μ ON - ON	1561 μ HP rating N/A ON - ON (Momentary 1 Side)	W Splash resistant Curved R1.0 22.1/22.2 Matt only
U Right angle "T" solder terminal 02.1	1562 μ In house tests only 2 Circuit ON - ON	1570 μ 125V & 250V 1/2 HP H terminal rated T100 only H terminal rated T100 only ON - OFF - ON	P Lit window Matt Lit (not momentary)
X PCB 0.8Sq*	1571 μ HP rating N/A H terminal rated T100 only ON - OFF - ON (momentary 1 side)	1572 μ HP rating N/A H terminal rated T100 only ON - OFF - ON (momentary 2 sides)	X Two colour Matt (ON OFF only - not momentary)
			R Round 23.0/25.4 Matt only
			F Flat Lens Gloss (0480) Top View
			T R1.6 22.3/22.4 Matt only
			A Softline lens Matt (0480 only) as F but with raised profile

Approvals and specifications (continued)

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

In house test:
20A 24Vdc—Indicative rating only

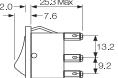
3mm contact gap except if marked μ .

Splash Resistance



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.

Dimensions



Panel thickness
A: 0.75 to 3.3mm
L: 0.75 to 2.5mm
R: 0.75 to 3.0mm

* For cut-out details on momentary switches call sales

Finish	Body Colour	Rocker Colour	Insert Colour	Lamp Voltage	Legend	Legend Colour	Options
M Matt	B Black	B Black	Blank	Blank	Blank	Blank	Finish Matt is standard. Colour Call sales for custom colours. A full range is available for large orders. Legend printing Select from the examples or call sales for custom legends. Lamp voltage Call sales for details. Blanking plates A0494 Dummy units to fill unused panel holes.
G Gloss Applies to both Rocker & Body	W White	R Red	R Red	2 125V Neon	602A	B Black	Protective cover Screws on to A, L, Q or T bodies (add G after body in cat no). This reduces panel thickness by 1mm.
		W White	W White	3 250V Neon		W White	
		A Amber	A Amber	5 12Vdc LED (P Rocker)			
		G Green	G Green	6 24Vdc LED (P Rocker)			
		C Clear	C Clear	7 12V Filament			
		R Red	R Red	8 24Vdc Filament			

Examples



C1350AL ---



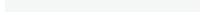
C1550XL ---



C1553PL ---



C1553RA ---
Shown with M614 bezel cover



8
24Vdc Filament



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

For all options call sales.



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



C0480AL ---

1550 Standard & 1350 High Inrush Switches

150A to EN61058-1 and 16A 250Vac/250Vdc



Key Features

- 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 guard & cover
- DC LED Illumination Available for "P" Rocker
- Bezel size 'G' style 32.0 x 25.0

Approvals and specifications

CE 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.

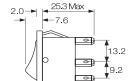
In house test:
10A 24Vdc—Indicative rating only

1350 Series

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

Terminal	Function	Rocker	Body	Finish	Body Colour	Rocker Colour	
C 6.3 x 0.8	Standard 1550 HP rating N/A	 ON - OFF	A Softline Matt 	Panel cut-out Cut-outs must be punched in the direction of insertion	M Matt	B Black	Un-Lit B Black
H 4.8 x 0.8*	1551 HP rating N/A	 ON - OFF (momentary ON)	B 	G Gloss	W White	R Red	
K 2.0 x 0.8*	1552 HP rating N/A	 ON - OFF (momentary OFF)	V Curved 	L Matt or Gloss Gloss only Lit (not momentary)	W White	W White	
T Solder	1553 Not W, X or B rocker	 ON - OFF Lit	P Lit window Matt 	Applies to both Rocker & Body	Lit A Amber	G Green	
U Right angle T Solder (Not DP)	1560 μ HP rating N/A	 ON - ON			C Clear	C Clear	
X PCB 0.8Sq* *Contact sales for details on 1350 series	1561 μ HP rating N/A	 ON - ON (Momentary 1 Side)			R Red	R Red	
	1562 μ In house tests only	 ON - ON 2 Circuit					
	1570 μ 125V & 250V 1/2 HP H terminal rated T100 only terminal rated T100 only	 ON - OFF - ON					
	1571 μ HP rating N/A H terminal rated T100 only	 ON - OFF - ON (momentary 1 side)					
	1572 μ HP rating N/A H terminal rated T100 only	 ON - OFF - ON (momentary 2 sides)					
	High Inrush 1350 Not W, X or B rocker	 ON - OFF					
	1353 Not W, X or B rocker	 ON - OFF Lit					

Dimensions



Panel thickness
G, H 0.75 to 2.5mm

Terminal spacing - Poles 10.2 between centres

* For cut-out details
on momentary switches
call sales

Splash Resistance

In house test:
20A 24Vdc—Indicative rating only
3mm contact gap except if marked μ .



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.

Insert Colour	Lamp Voltage	Legend	Legend Colour	Options
Blank	Blank	Blank	Blank	Finish Matt is standard.
R Red	2 125V Neon	602A	B Black	Colour Call sales for custom colours. A full range is available for large orders.
W White	3 250V Neon		W White	Legend printing Select from the examples or call sales for custom legends.
	5 12Vdc LED (P Rocker)			Lamp voltage Call sales for details.
	6 24Vdc LED (P Rocker)			
	7 12V Filament			
	8 24Vdc Filament			

Examples



C1553AH - - -



C1550AH - - -

R13 Round Rocker Switches



Key Features

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

Approvals and specifications

- SP 10(4)A 250Vac T85 1E4
 - DP 10(4)A 250Vac T85 1E4
 - UL CSA SP 16A 125Vac & 10A 250Vac
UL CSA DP 16A 125Vac, 10A 250Vac, 10A 28Vdc
UL 85°C, file E67774(S), CSA file LR45128

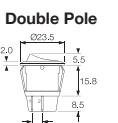
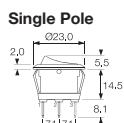
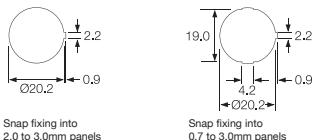
RoHS compliant

Single pole has μ contact gap.

Special products

Special products
Are made to order and can be supplied with a range of body and rocker / lens colours, print & lamp voltage.

Dimensions



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

Examples



R13 112B NAA

R13 112A AAA

R13 112A2 ---

R13 / 112 / A / B / B / 3 / 2 / 602A / W / L188

Series	Type	Function	Body Colour	Rocker Colour	Insert Colour	Lamp Voltage	Legend	Legend Colour	Legend Colour
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Product details



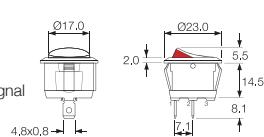
1 - 2
SP ON - OFF µ
Cat no.
R13 112A AAA



1 - 2 - 3
SP ON - OFF µ
Lit 230V
Cat no.
R13 112B NAC



1 - 2
SP ON - OFF µ
Bright colour ON signal
Cat no.
R13 112A2 --



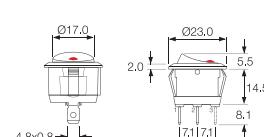
1 - 2
SP ON - OFF µ
Cat no.
R13 112A AAB



1 - 2 - 3
SP ON - ON µ
Cat no.
R13 112C AAA



1 - 2 - 3
SP ON - OFF µ
Lit Window
Cat no.
R13 112B2 --



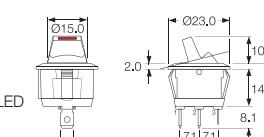
1 - 2 - 3
SP ON - OFF µ
Lit 230V
Cat no.
R13 112B NAA



1 - 2 - 3
SP ON - OFF - ON µ
Cat no.
R13 112D AAA



1 - 2 - 3-
12
SP ON - OFF µ
Paddle tip has red LED
Cat no.
R13 112LP --



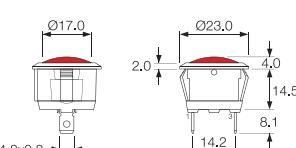
1 - 2 - 3
SP ON - OFF µ
Lit 230V
Cat no.
R13 112B NAB



SP ON - OFF µ
(Momentary ON)
Cat no.
R13 208F AAA*



1 - 2 - 3
Indicator light
Cat no.
R9 92B ---



DP ON - OFF
Cat no.
R13 244A AAA



DP ON - OFF
Lit 230V
Cat no.
R13 244B NAA

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bulgin:

[C1300ALAAB](#) [C1350ALAAFB](#) [C1350ALGAE](#) [C1353ALGNB](#) [C1353ALGNC](#) [C1500ALAABB](#) [H8620VBAAA](#)
[R13244AAAA](#) [C5503ABNAA](#) [C5503PTNAM](#) [H8550VBACAB](#) [H8553VBNMF](#) [H8600VBAAS](#) [H8600VBABP](#)
[C1300XAAAA](#) [C1350VQAAB](#) [C1353VENAB](#) [C1353VQNAA](#) [C1501ALAAA](#) [C1522ATAAA](#) [H8553VBNCRB](#)
[H8600VBAAA](#) [H8630FBNAL](#) [H8650VBAAG](#) [H8650VBAAK](#) [R13112BNAB](#) [H8553VBNAM](#) [R13112LPLA](#)
[C1572ALAAAB](#) [C5503ABNAN](#) [H8610VBAAE](#) [H8670VBAAA](#) [H8653VBNAA](#) [R13112BNAA](#) [R13112CAAA](#)
[R13112BLAB](#) [R13244BNAA](#) [R13112AAAB](#) [C5503AANAD](#) [H8550VBACA](#) [R13112AAAA](#) [R13208FAAA](#)
[H8500VBAAA](#) [H8650VBAAC](#) [H8610VBAAD](#) [H8653VBNBP](#) [H8660VBAAA](#) [C1300ALAAAAB](#) [H8660VBAAB](#)
[R13244BNAB](#) [H8653VBNAD](#) [H8800VAAAB](#) [H8653VBNAC](#) [H8653VBNBO](#) [T8550VBAAA](#) [H8601VBAAA](#)
[C5503AANAH](#) [C5503FQNBC](#) [C5503PLLAB](#) [H8553VBNAC](#) [H8620VBAAC](#) [H8653VBNAB](#) [C1553ATNAE](#)
[C1553PLNAAB](#) [C1570ALAAAAB](#) [C1522ALAAAB](#) [C1560ABAII](#) [C1560ATAAB](#) [H8630FBNAE](#) [H8800VAAAAA](#)
[C1353AANAB](#) [C1353ALNAE](#) [C1353VENAC](#) [C1511AAAAA](#) [C1553PLNACB](#) [C1560AAAAA](#) [C1570ALAAD](#)
[C5503PLLA](#) [H8550VBAAA](#) [H8553VBNACB](#) [C1350XBAAC](#) [C1353ADNAA](#) [C1353AHNAA](#) [C1353ALGNCB](#)
[C1501ATAAA](#) [C1553PBNAW](#) [C1520ATAAA](#) [C1522AAAAA](#) [C1522ABAAA](#) [C1553VQNAI](#) [C1300AAAAA](#)
[C1300VQAAC](#) [C1300ABAAA](#) [C1353AHNAB](#) [C1353VQNAM](#) [C1500ABAAB](#) [C1500ATAAA](#) [C1520ALAAF](#)
[C1353ATNAC](#) [C1353ATNAN](#)