

Bike Sport Developments Ltd

The Old Barn, Greatworth Hall, Greatworth, Oxfordshire OX17 2DH - UK
Tel 0044 (0)1327 263942 – mail@bikesportdevelopments.co.uk / www.bikesportdevelopments.co.uk

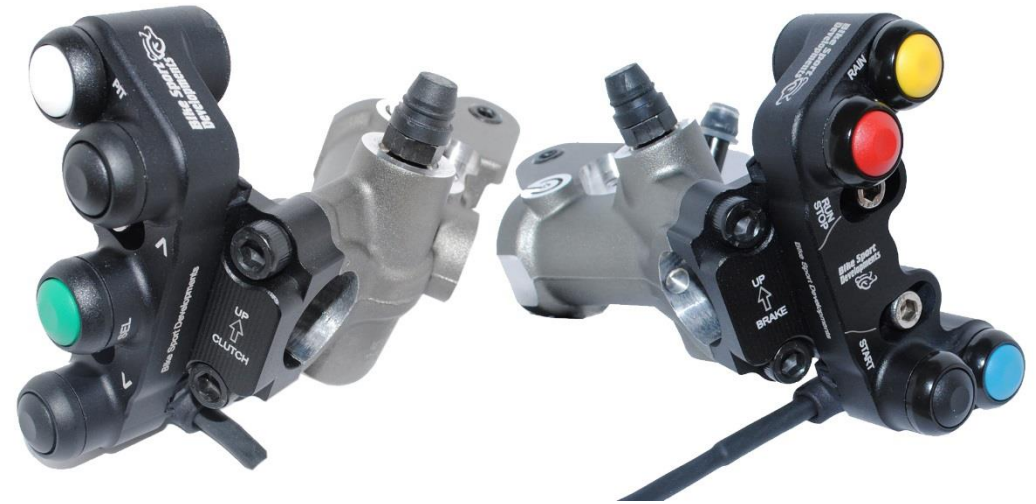


BDC_SPxx

Generic race switches with 2,3,4 or 5 buttons for left or right side
All mount directly onto the brake pump, clutch pump or any 22mm handlebar

'Type - C' family of race switches.

- Versatile left or right application
- Designs to clear thumb brakes
- Bolt directly to the brake or clutch pump body via a dedicated range of clamp adaptors
- Left / Right adjustable and angled towards the rider for optimum ergonomics
- May be fitted directly to any 22mm bar using the generic clamp
- Perfect for bikes with 'ride by wire' twist grip and limited handlebar space.
- Billet machined aluminium bodies
- Sealed IP67 switches with gold contacts and Raychem Autosport wire
- Multiple body designs to choose from
- Full customisation for switch colour, switch type and custom text at no extra cost
- Your choice of one clamp base supplied free with each switch, others can be purchased separately – See page 4
- Custom wiring solutions, just tell us what you need.



Mounting instructions:



IMPORTANT – BR-A , BR-B clamps

0.5mm of gap on the lower bolt
Used for tightening the clamp.

Tighten upper bolt first until there is metal to metal contact

Set in the correct position and now tighten both bolts to manufacturers torque setting

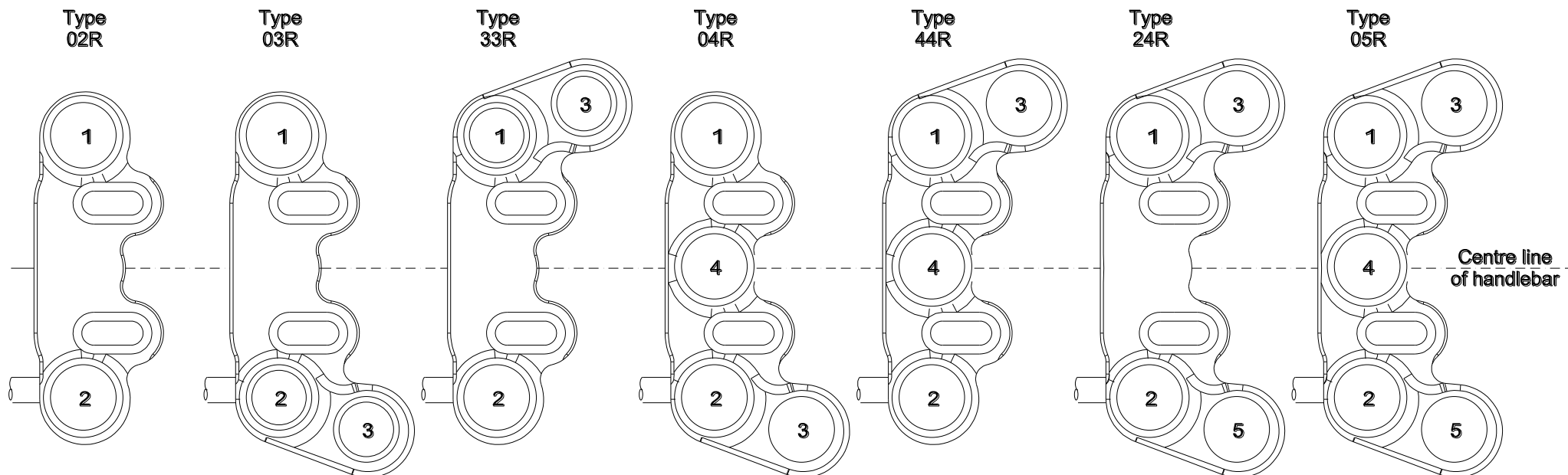
21.5 > 22.2mm dia bar

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Right side switch bodies



Part number builder:

Step 1 – Choose your body type using the images above

02R	03R	33R	04R	44R	24R	05R
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Step 2 – Choose the switch colour and type using the tables below

Colour	Switch 1	Switch 2	Switch 3	Switch 4	Switch 5
Red					
Black					
White					
Green					
Blue					
Yellow					

Type	Switch 1	Switch 2	Switch 3	Switch 4	Switch 5
Latching				Not possible	
Momentary (N/O)				Momentary (N/O)	
Momentary (N/C)				Not possible	
Alternate (2 pole)				Not possible	

Step 3 – Decide on your choice of laser engraved text

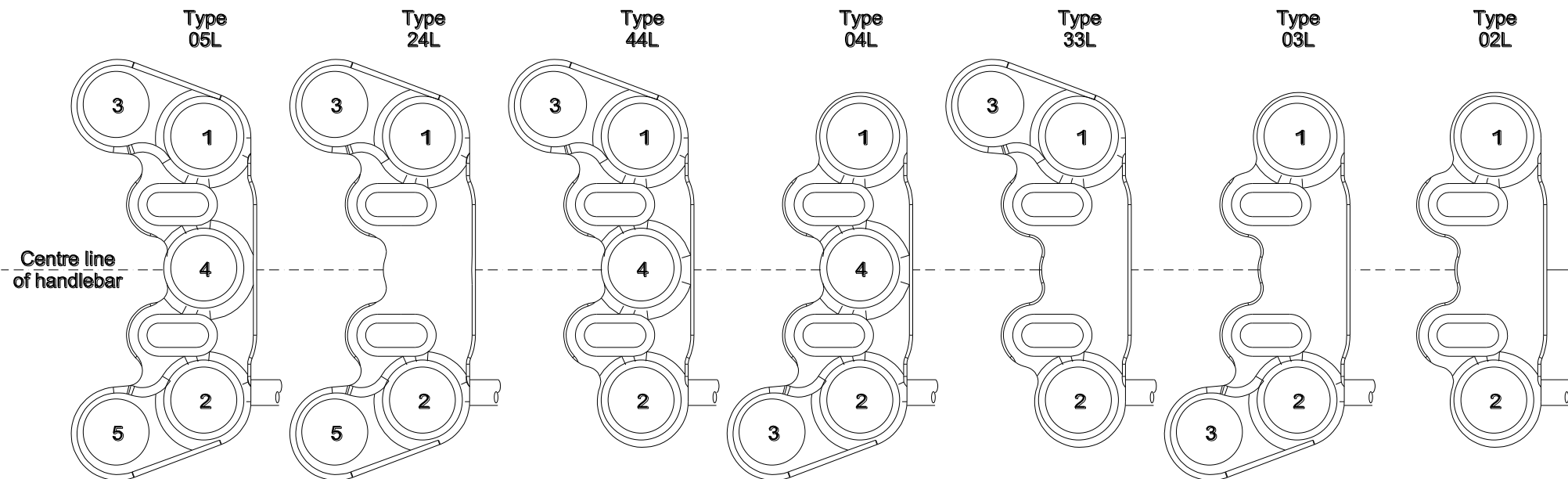
Switch 1	
Switch 2	
Switch 3	
Switch 4	
Switch 5	

Text Notes for laser engraving:

1. Try to keep it less than 4 characters, or two short rows.
2. The text for position 4 will be on the side of the body
3. You can leave them blank
4. Custom race team logos can be applied, ask for a quote

(N/O = Normally Open switch, closed circuit when pressed, N/C = normally closed contacts that open when pressed, Alternate has one N/O and one N/C all in one switch)

Left side switch bodies



Part number builder:

Step 1 – Choose your body type using the images above

05L	24L	44L	04L	33L	03L	02L
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Step 2 – Choose the switch colour and type using the tables below

Colour	Switch 1	Switch 2	Switch 3	Switch 4	Switch 5
Red					
Black					
White					
Green					
Blue					
Yellow					

Type	Switch 1	Switch 2	Switch 3	Switch 4	Switch 5
Latching				Not possible	
Momentary (N/O)				Momentary (N/O)	
Momentary (N/C)				Not possible	
Alternate (2 pole)				Not possible	

Step 3 – Decide on your choice of laser engraved text

Switch 1	
Switch 2	
Switch 3	
Switch 4	
Switch 5	

Text Notes for laser engraving:

5. Try to keep it less than 4 characters, or two short rows.
6. The text for position 4 will be on the side of the body
7. You can leave them blank
8. Custom race team logos can be applied, ask for a quote

(N/O = Normally Open switch, closed circuit when pressed, N/C = normally closed contacts that open when pressed, Alternate has one N/O and one N/C all in one switch)

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Mounting clamps

These 'Type C' switches mount directly onto our own brake pump or clutch clamp(s) and are adjustable left / right to suit the rider.

We also offer a generic bar clamp to suit any 22mm handlebar, these are useful on bikes such as the Yamaha R1 where the clutch post has a single pinch bolt.

Specify clamp at the time of ordering using the lists below.

Clamps are sold separately so there is no need to replace the switch if you change your brake pump.

Clamp part numbers for right side (brake)

BDC-BR-A	To suit 32mm in-line bolts as found on most standard bikes
BDC-BR-N	To suit 32mm in-line bolts with left offset mount for Nissin race brakes and Brembo RC
BDC-BR-B	To suit 30mm + 7mm offset bolt spacing as found on Brembo XR / XA / GP
BDC-BR-F	To suit 30mm in-line spacing as found on Accosato / Hel
BDC-BR-J	To suit 32mm + 6mm offset bolt spacing as found on Beringer brakes
BDC-G	Generic clamp for left or right use

Clamp part numbers for left side (clutch)

BDC-CL-A	To suit 32mm in-line bolts as found on most standard bikes and Brembo RC
BDC-CL-B	To suit 30mm + 7mm offset bolt spacing as found on Brembo XR / XA / GP
BDC-CL-F	To suit 30mm in-line spacing as found on Accosato / Hel
BDC-CL-K	To suit 36mm in-line spacing as typically found on Kawasaki
BDC-CL-J	To suit 32mm + 6mm offset bolt spacing as found on Beringer
BDC-G	Generic clamp for left or right use

Notes:

- Wire exit is always below the handlebar heading inwards and forward of the fork leg
- Each switch has a maximum current rating of 3amp at 12v DC.
- All parts are repairable in the event of crash damage
- Switches are sealed to IP67 with gold contacts
- Wire size is 24 gauge Raychem type 55
- Custom assemblies are a speciality, just tell us what you need.

