

Other Products

BPC Range of Control Stations


The BPC range of control stations have been designed for use in potentially explosive atmospheres and are suitable for most gas groups including hydrogen.

Based on the popular BPGC range of enclosures, they are manufactured from carbon loaded glass reinforced polyester (GRP). This material gives excellent mechanical strength and life expectancy, making these control stations particularly suitable for use in harsh environmental conditions. Additionally, the anti-static properties of the enclosure material make them ideal for use in dust hazard environments.



A number of common actuator types can be fitted, including Start, Stop, Emergency Stop and rotary type switches. Tag and individual actuator labels can be fitted as required.

Some typical arrangements of control station size and actuator layouts are shown on the page opposite, however, we are able to supply many other variants as dictated by your required design. Please contact our Sales office for further details.

BPC Specifications	
Size	Depends on base model of enclosure. Smallest base size BPGC6 (120x122x90mm) Largest base size: BPGC15 (400x405x120mm) See BPG Section for further details
Material	Carbon Loaded Glass Reinforced Polyester (Black)
IP Rating	IP66
Temperature	-40° to 80° C (-40F to +176F)
Certification	 II 2 GD EEx ed IIC T6
Actuator Types	Start, Stop, Mushroom head emergency stop, key operated switch, Rotary selector switch, Illuminated red indicator, Illuminated green indicator.
Termination	Direct to control elements (2.5mm ² maximum)
Voltage Rating	415V maximum
Switching Current	6 Amps maximum
Entries	Depends on model. Typically, 1 or 2 x 25mm bottom entry. Fitted with plastic gland
Labels	Self-adhesive silver foil

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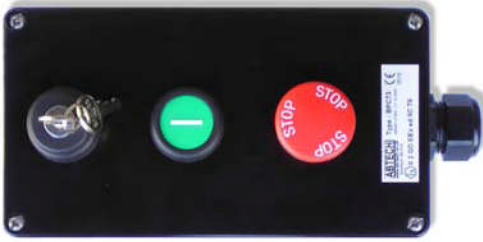
Others

BPC Control Stations - Typical Examples



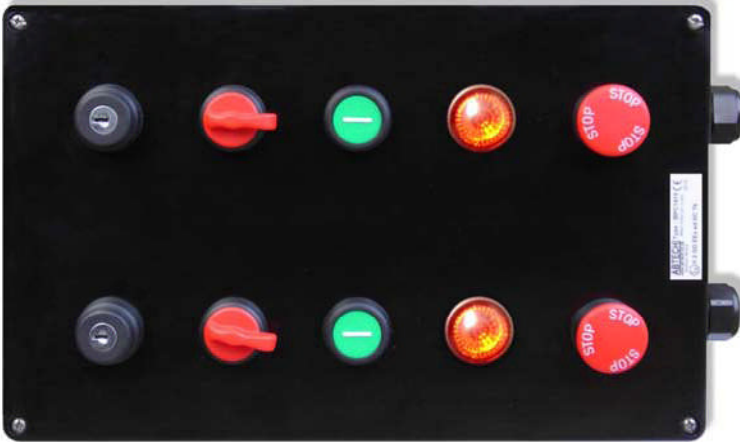
BPC62

Control Elements:
Start, Stop
Mounted in BPGC6 Enclosure
(122 x 120 x 90mm)
Glands: 1 x M25



BPC73

Control Elements:
Key Switch, Start, Emergency Stop
Mounted in BPGC7 Enclosure
(220 x 120 x 90mm)
Glands: 1 x M25



BPC1310

Control Elements: (x2) Key Switch, Selector, Start, Illuminated Red Indicator, Emergency Stop. Mounted in BPGC13 Enclosure (400 x 150 x 120mm). Glands: 2 x M25

Technical	9
Others	8
ZP Range	7
Fire Rated	6
High Voltage	5
ZAG Range	4
BPGA Range	3
BPG Range	2
SX Range	1

SXC Range of Control Stations

The SXC range of control stations have been designed for use in potentially explosive atmospheres and are suitable for all gas groups including hydrogen.


Based on the SX range of enclosures, they are manufactured from high quality 316 stainless steel. This material offers the highest degree of environmental protection and is suitable for even the most arduous of conditions.

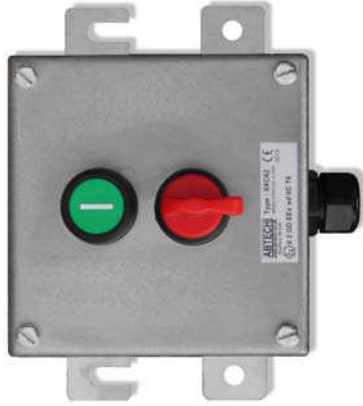
Additionally, stainless steel prevents the build up of static electricity, making these controls stations ideal for use in dust hazard applications.



A number of common actuator types can be fitted, including Start, Stop, Emergency Stop and rotary type switches. Tag and individual actuator labels can be fitted as required.

Some typical arrangements of control station size and actuator layouts are shown on the page opposite, however, we are able to supply many other variants as dictated by your required design. Please contact our Sales office for further details.

SXC Specifications	
Size	Depends on base model of enclosure. Smallest base size SX66 (152x152x102mm) Largest base size: SX8 (800x1250x300mm) See SX Section for further details
Material	Stainless Steel 316 (1.4404)
IP Rating	IP66
Temperature	-40° to 80° C (-40°F to +176°F)
Certification	 II 2 GD EEx ed IIC T6
Actuator Types	Start, Stop, Mushroom head emergency stop, key operated switch, Rotary selector switch, Illuminated red indicator, Illuminated green indicator.
Termination	Direct to control elements (2.5mm ² maximum)
Voltage Rating	415V maximum
Switching Current	6 Amps maximum
Entries	Depends on model. Typically, 1 or 2 x 25mm bottom entry. Fitted with plastic gland
Labels	Self-adhesive silver foil



SXC62

Control Elements:
Start, Stop
Mounted in SX66 Enclosure
(152 x 152 x 102mm)
Glands:
1 x M25



SXC325

Control Elements; (x5) Key Switch, Start, Selector, Illuminated
Green Indicator, Emergency Stop.
Mounted in SX3 Enclosure
(372 x 448 x 140mm). Glands: 2 x M25

Technical	9
Others	8
ZP Range	7
Fire Rated	6
High Voltage	5
ZAG Range	4
BPGA Range	3
BPG Range	2
SX Range	1