



BK400 Pullkey

Model Description

There are two basic models of the BK400:

BK400S: is a single trip shaft key. In operation a pullwire is required to be coupled to each end of the key trip shaft. This key requires a balance operating condition. The BK400S is specifically designed to provide temperature compensation for the pullwires and provide for distances of greater than 200m spacing between keys.

BK400D: is a dual trip shaft key where each trip shaft is completely independent of the other. The key is designed for up to 200m spacings and may be operated as a single ended key if required.

Both models are designed to comply with the requirements of AS1755 and AS4024 when installed to Bramco's recommendations.

The design objectives of the BK400 are:

- Optimal Strength
- Optimal Corrosion Resistance
- Rugged Multi Contact Switch
- Low Wear and Tear
- Lock out Facilities
- Slack Wire Tripping
- Temperature Compensation

Application

The Bramco Groups BK400 Pullkey range is a lanyard switch designed to provide pull wire protection on one or both sides of long line conveyors from a single key on one side of the conveyor. By design the key and installation complies with the requirements of AS1755 2000.

Spacious

The unit can accept up to 6 cable entries. The generous size of the unit allows us to incorporate monitoring and control electronics in the enclosure. With 40 terminals no extra junction box is required to marshal cables.

Switch

The rotary switch is rated for 16 Amp at 240VAC. Gold plated contact tips improve conductivity when low current equipment such as electronics is switched. The switch offers up to 6 double break contacts in any configuration required.

Lock out Facilities

The switching knob arrangement offers the ability to lock the unit with a pad lock.

Slack Wire Trip Feature

For additional safety we have built slack wire tripping into our pullkey. This is field selectable on the BK400D.

Temperature Compensation (BK400S)

The BK400S has been specifically designed to provide temperature compensation for the expansion and contraction of the pull wire mechanism.

Optimal Strength

The BK400 pullkey is one of the toughest Pullkeys available offering an aluminum casting for surface conveyors and a zinc casting for underground coal mining applications.

Optimal Corrosion Resistance

BK400 range comes in cast aluminum or Zinc construction, stainless steel mechanism and final powder coating to suit the harshest environments.





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Ordering Information

- A01070 - BK400S Pullkey (Single Shaft)
- A01126 - BK400D Pullkey (Dual Shaft)
- A01309 - BK400F with Signal Flag

