

# Key Exchange Boxes

## X - Key Exchange Box



- Key exchange box
- Designed to enable a sequential release of keys by insertion of an initial key
- The need for this type of product usually arises when there are multiple points of entry
- Designed to be the link between the isolation units and access interlocks
- Available in a number of configurations and number of locks
- Supplied in an enclosure suitable for surface mounting
- Available with FS or Q type lock portions

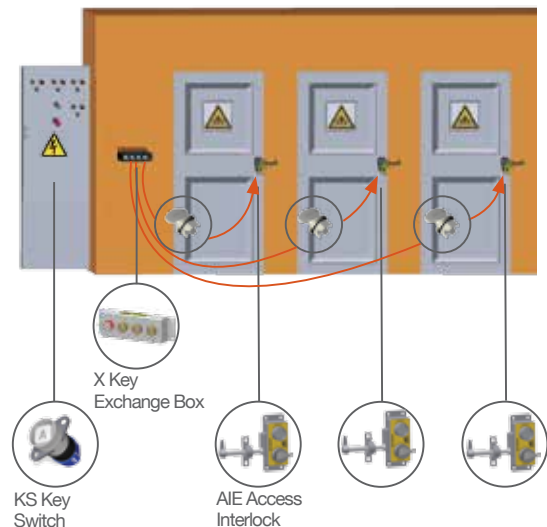
X-FSB-H-1/3

### Application

A typical application of the X key exchange box is machine guarding with one or more access points to the hazardous area. The key exchange box is used as a part of a safety system, which ensures a machine is shut down, before access to the hazardous area is allowed.

The system involves a KS key switch for the electrical supply and typically more than one AIE access interlocks for full body access. The removal of the isolation key from the key switch isolates the electrical supply to the machine. This key is taken to the X key exchange box to release the trapped keys. The sequentially released keys are used to gain access through the AIE door interlocks.

The machine cannot be restarted until all keys are returned to the key exchange box and the power isolation key is removed and taken to the KS key switch.



### Order Information

	Product Type	1	2	3	4	5	6
Part Number	X						
Example	X	FS	B	H	1	3	TBA

1	Lock portion type	FS <sup>(1)</sup> / Q <sup>(1)</sup>
2	Material	B = Brass S = Stainless steel
3	Mounting	H = Horizontal V = Vertical
4	Number of free keys (keys in)	Please specify <sup>(1)</sup>
5	Number of trapped keys (keys out)	Please specify <sup>(1)</sup>
6	Lock portion symbols: Please advise each lock separately as free key symbols (keys in) and trapped key symbols (keys out)	FS <sup>(1)</sup> up to 3 characters / Q <sup>(1)</sup> up to 6 characters