

# Full Body Access



AIS-FSS-KF-1

## AIS/Hercules - Access Interlock with Safety Switch

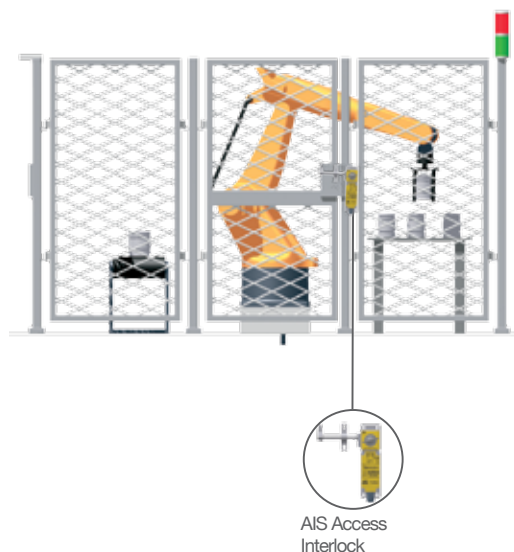
- Single key access interlock
- Complete with electrical contacts
- Suitable for use on hinged and sliding doors
- The switch is sealed to IP65 with 1N/O 2N/C contacts, rated to 6 A with bolt trapped
- Manufactured in stainless steel
- Ideal for use in corrosive and harsh environments and where the lock is subject to heavy duty use
- Available with FS or Q type lock portions
- Shear force of bolt: 24KN

## Application

The Castell Hercules (AIS) access interlock with safety switch is used as a part of a safety system, typically in machine guarding applications.

The removal of the key from the AIS, isolates the electrical supply to the machine and allows the removal of the side bolt. Therefore the guard can only be opened when the electrical supply has been switched into a safe condition. This key is then taken into the area by the operative to safeguard against accidental lock-in or start-up or to initialize another part of the process, e.g. switching the machine into a teach mode.

The machine cannot be restarted until the door is closed, the bolt is trapped in the AIS access interlock and the key is replaced.



## Order Information

	Product Type	1	2	3	4	5
Part Number	AIS	-		-		
Example	AIS	-	FS	-	S	-
					KF	-
					1	-
						TBA

1	Lock portion type	FS <sup>(1)</sup> / Q <sup>(1)</sup>
2	Material	S = Stainless steel, standard
3	Key condition (with bolt trapped)	KT = Key trapped while bolt trapped <sup>(1)</sup> KF = Key free while bolt trapped <sup>(1)</sup> - not to be used for full body access, use this condition for part body access
4	Handing	1 = Left hinged door (bolt enters left) <sup>(1)</sup> 2 = Right hinged door (bolt enters right) <sup>(1)</sup>
5	Lock portion symbol	FS <sup>(1)</sup> up to 3 characters / Q <sup>(1)</sup> up to 6 characters

