



The KS20-MIS is a key driven electrical switch designed for machine control circuits. This type of isolator should be used for short term, off load isolation. The KS20-MIS is manufactured from chrome plated brass. The unit is able to be mounted into an existing panel or for surface mounting within its own IP65 rated enclosure.

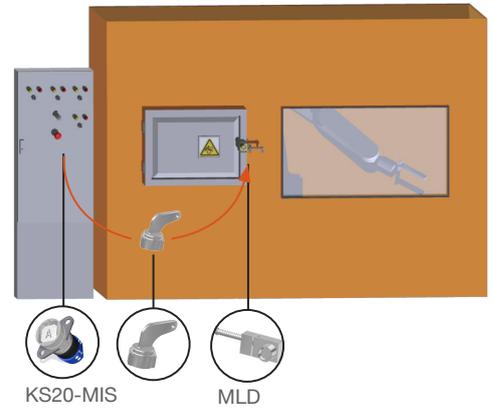
KS20-MIS-P-C/O-4

### Operation

The Castell KS20-MIS powersafe electrical key switch is used for machine isolation in order to protect the hazardous area from access while power is on. (1) While the power is on and a machine is running, the key is trapped in the KS20-MIS key switch. (2) By turning and removing the key out of the switch, the contacts condition in the KS20-MIS changes, switching the power off. (3) The key now can be taken to open the door lock and gain access to the machine area.

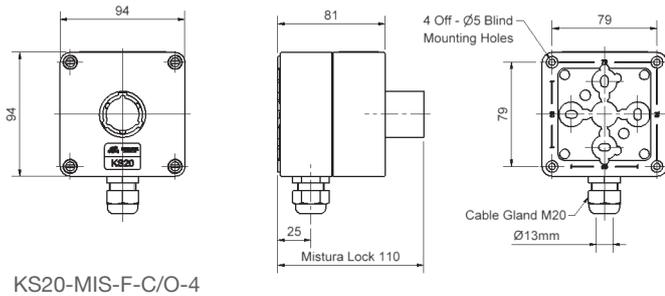
### Application

The KS20-MIS is designed to operate as part of an integrated safety system, controlling access to hazardous areas. A typical example of machine isolation and access control is shown to the right. The KS20-MIS can be use in conjunction with access interlocks such as the MLD for part body access. The KS20-MIS breaks the machine safety/control power circuit, ensuring a machine is shut down when the key is turned and removed. The key can then be used with an access interlock allowing access. The machine is inhibited until the door is closed, the bolt is trapped in the access interlock and the key is removed and taken to the KS20-MIS key switch.

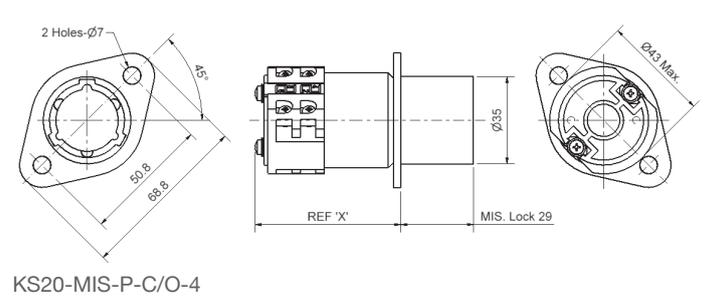


### Drawing

Front of Board Mount



Panel Mount



### Order Information

	Product Type				1	2	3	4
Part Number	KS	20	- MIS	-				
Example	KS	20	- MIS	-	P	-	C/O	4
								ABC

1	Mounting	P = Panel mount (back of board) / F = Front of board mount, with enclosure
2	Contacts arrangement in normal position (key in)	C/O = NO/NC arrangement (contacts closed/open) CC = NC arrangement (all contacts closed)
3	Number of contacts	4, standard
4	Lock portion code	Please advise your code