

Mfrs. List No.	Order Code	Price Each		
		1+	5+	10+
XCS+A502	<b>322-7613</b>			
XCS-A702	<b>322-7625</b>			
XCS-C502	<b>322-7637</b>			
XCS-C702	<b>322-7649</b>			
<b>Actuators</b>	<b>Type</b>			
XCS-Z01	Straight	<b>322-7650</b>		
XCS-Z03	Flexible	<b>322-7662</b>		

## 'Isomag 4' – Universal



H = 121.3, W = 58.0, D = 38.0

- Universal guard operated safety switch housed in a rugged die-cast case
- Ideal for heavy duty or dust laden applications
- Strong internal mechanism gives tamper-proof operation in any mounting position
- Suitable for hinged, slide and removable guards
- Sealed to **IP66**
- Conforms to **BS5340, BS4794, CSA and SA**



Contacts	1NO+1NC	Operating temperature	-30°C to +80°C
Switch rating	1A @ 500V, 2A@250V	Conduit entry	3 M20

CTL179X

Mfrs. List No.	Order Code	Price Each			
		1+	10+	25+	50+
01013	<b>.179-961</b>				

## Captive Key Door Interlock System



H = 82.0,  
W = 80.0,  
D = 55.0  
Max. guard thickness  
(moving part) = 8.0

- Suitable for removable, hinged or sliding guards
- Locks the machine guard closed whilst the machine is running
- Lock is mounted on the fixed part of the guard, activator key is held captive in the moving part of the guard
- Enclosed in a metal housing, sealed to **IP65** and secured with anti-tamper screws
- Available with polymer knob or heavy duty die-cast lever

Contacts	1NO+1NC	Operating temperature	-20°C to +85°C
Rating	16 (3)A @ 380V ac		

CTL172X

	Mfrs. List No.	Order Code	Price Each		
			1+	5+	10+
Knob	SAF 2B/22M	<b>152-728</b>			
Lever	SAF 4B/22M	<b>152-729</b>			

## Hinge and Lever Switches

### 'Sprite' – Miniature, Hinge Actuated



H = 75, W = 25, D = 29 Actuator L = 50

- Ultra miniature case size - 75 25 29
- 4 possible shaft positions
- Adjustable cam - speed of operation may be altered
- Conduit entry versions sealed to **IP67**
- Door catch may be added to hold vibrating or larger guard doors shut
- Complies with **EN1088, IEC 947-5-1 and BG**



Safety contacts	1N/C or 1N/C+1N/O
Contact rating	1A @ 500V ac, 2A @ 250V ac 5A @ 100V ac
Conduit entry	1 M16, 1 PG9 or 3 Knockouts R = 3 (IP30)
Operating temperature	-25°C to +80°C

Mfrs. List No: 34001 = 649-004, 34002 = 649-016, 34003 = 649-028

CTL195X

Contacts Switch	Entry Size	Order Code	Price Each			
			1+	10+	25+	50+
1N/C	M16	<b>.649-004</b>				
1N/C	PG9	<b>.649-016</b>				
1N/C+1N/O	Knockouts	<b>.649-028</b>				
Door Catch		<b>.480-435</b>				

### 'Ensign' – Hinge Actuated



H = 105, W = 25, D = 27.5  
Actuator L = 50

- Compact hinge operated safety switch which gives a positive opening of the safety contacts within 3° of guard movement
- Head can be removed and rotated through 90° increments
- Alignment slot facilitates installation
- Designed to fit flush on 25mm tubing it can also be mounted on virtually any surface
- Quick fit mounting plate is available to give simple and secure installation
- Housed in a glass filled polyester case and sealed to **IP66**
- Door catch may be added to hold vibrating and larger guard doors shut
- Complies with **BG, CSA, SA, SUVA**



Safety contacts	1N/C or 2N/C positive break, 1A @ 500V ac, 2A @ 250V ac, 5A @ 100V ac
Auxiliary contacts	1N/O (rating as safety contact, 519-182 only)
Mechanical operations	>10°
Conduit entry	3 M16 or 3 PG9
Operating temperature	-25°C to +80°C

Mfrs. List No. 22001 = 519-182, 22002 = 519-194, 22003 = 594-246, 22004 = 594-258

CTL177X

Contacts	Entry Size	Order Code	Price Each			
			1+	10+	15+	30+
1N/C+1N/O	M16	<b>.519-182</b>				
2N/C	M16	<b>.519-194</b>				
1N/C+1 N/O	PG9	<b>594-246</b>				
2N/C	PG9	<b>594-258</b>				
Mounting Plate		<b>594-209</b>				
Door Catch		<b>.480-435</b>	1+	10+	25+	50+

### 'Rotacam' – Hinge Actuation



H = 102.5, W = 65, D = 39,

Shaft length = 31, dia = 16 outer, 9.5 inner

Contacts	2 pair N/C (safety) 1 pair N/O (auxiliary)	Contact rating	1A @ 500V ac, 2A @ 250V ac 5A @ 100V ac max
Conduit entry	1 M20 or 1 PG11	Operating temperature	-25°C to +80°C

Mfrs. List Nos: 03074 = 773-699, 03075 = 773-670

CTL193X

Entry Size Switch	Order Code	Price Each			
		1+	10+	25+	50+
M20	<b>.773-669</b>				
PG11	<b>773-670</b>				
Door Catch	<b>.480-435</b>				

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