SKORPION TRAPPED KEY SYSTEM

# **SKORPION** Trapped Key Interlocking with Key Exchange

#### More Control Ltd Tel: 0345 00 00 400 Fax: 0345 50 48 566 Web: www.more-control.com Email: sales@more-control.cor





- Eliminates the need for electrical wiring to each movable guard.
- Fully Stainless Steel 316, suitable when the movable guard is placed in harsh or hostile environments.
- Suitable for CIP and SIP cleaning processes and can be high pressure hosed with detergents at high temperatures.
- Can be used where the movable guard requires to be removed completely.
- All keys are coded in the factory and it is virtually impossible to override the system.
- A trapped key system provides a quick yet safe and reliable access to machinery.
- Use of a trapped key system can also prevent shortcuts and enforce a logical set of procedures that need to be satisfied.
- Until the isolator key is returned to its original position within the lock, there is no way to enable the machinery to be re-started.

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### ISOLATION SWITCH BOX 1 - ISB1:

ISB1



STAINLESS STEEL 316 BARREL HOUSING AND DUST CAP				
Sales Number	ISOLATION SWITCH BOX 1 RATING			
ISB1-25	25A 690V 4 pole			
ISB1-40	40A 690V 4 pole			

DIE-CAST (Mirror Polished) BARREL HOUSING AND DUST CAP			
Sales Number	ISOLAT	ON SWI	ICH BOX 1 G
M-ISB1-25	25A	690V	4 pole
M-ISB1-40	40A	690V	4 pole

**ISOLATION SWITCH BOX 2 - ISB2:** 

ISB2

ISP



Sales	ISOLATION SWITCH BOX 2
Number	RATING
ISB2-63	63A 690V 4 pole

#### DIE-CAST (Mirror Polished) BARREL HOUSING AND DUST CAP Sales ISOLATION SWITCH BOX 2

e

		10ATIN	9
M-ISB2-63	63A	690V	4 pol

#### **ISOLATION SWITCH PANEL MOUNT - ISP:**



STAINLESS STEEL 316 BARREL HOUSING AND DUST CAP			
Sales	ISOLATION SWITCH BOX 1		
Number	RATING		

Number	RATING
ISP-25	25A 690V 4 pole
ISP-40	40A 690V 4 pole
ISP-63	63A 690V 4 pole

DIE CAST (Mi	rror Polished) BARREL	HOUSI	NG AND DUST CAP
Sales Number	ISOLATI	ON SWIT	ICH BOX 1 G
M-ISP-25	25A	690V	4 pole
M-ISP-40	40A	690V	4 pole
M-ISP-63	63A	690V	4 pole

## KEY EXCHANGE STAINLESS STEEL 316 ORDERING:

KE-S4

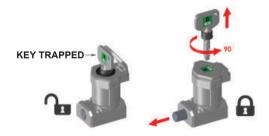


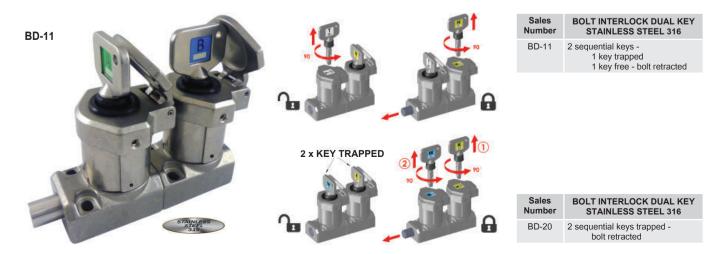
Number			
KE-S2	Sequential	2 Key	(First key trapped - 1 released in sequence)
KE-S3	Sequential	3 Key	(First key trapped - 2 released in sequence)
KE-S4	Sequential	4 Key	(First key trapped - 3 released in sequence)
KE-S5	Sequential	5 Key	(First key trapped - 4 released in sequence)

#### BOLT INTERLOCKS (not suitable for guard access) STAINLESS STEEL 316 ORDERING:



Sales Number	BOLT INTERLOCK SINGLE KEY STAINLESS STEEL 316
BS	Key trapped - bolt retracted





# HANDLE INTERLOCKS (Single Key) STAINLESS STEEL 316 ORDERING:



#### HANDLE INTERLOCKS (Double Key) STAINLESS STEEL 316 ORDERING:

Sales Number	DOUBLE KEY INTERLOC	K STAINLESS STEEL 316
HD-C-11	2 sequential keys - one key trapped (chain fixed to handle)	one key free - actuator unlocked
HD-11	2 sequential keys - one key trapped (spring action handle)	one key free - actuator unlocked



HD-11



HD-C-11

STAINLESS STEEL 310

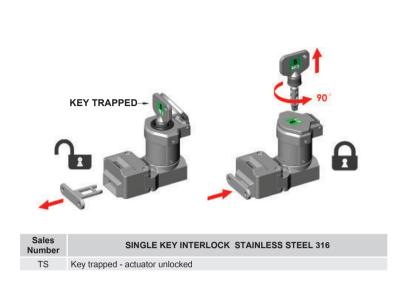
### TONGUE INTERLOCKS (Single Key) STAINLESS STEEL 316 ORDERING:



**SECTION 25** 

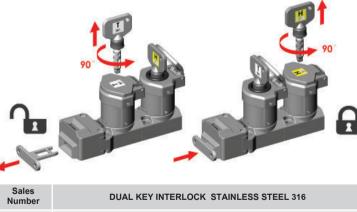






#### TONGUE INTERLOCKS (Double Key) STAINLESS STEEL 316 ORDERING:





TD-11 2 sequential keys - one key trapped one key free - actuator unlocked

#### ACTUATORS FOR INTERLOCK SELECTION CHART:

A F

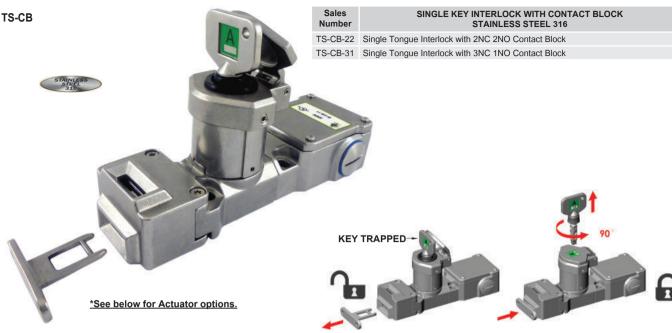
HF



Please see section on Order Form for tongue actuator/key ordering.

- = Standard Actuator Stainless Steel 316
- = Flat Actuator Stainless Steel 316 with Plastic cover
- = Heavy Duty Flexible Actuator Stainless Steel 316 and Die Cast
- HFH = Heavy Duty Flexible fully Stainless Steel 316

#### INTERLOCKING WITH CONTROL ISOLATION STAINLESS STEEL 316 ORDERING:

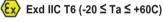


#### **EXPLOSION PROOF** INTERLOCKING WITH CONTROL ISOLATION S/STEEL 316 ORDERING:





Trapped Key with ATEX EExd IIC T6 certified explosion proof contact blocks. The explosion proof contact blocks conform to European harmonized standard EN60079-0 and EN60079-1 and can be used in European Zone 1, 2, 21, 22 environments. (Gas and Dust). Adheres to the latest standard ISO13850, Designed for use in oil, petro-chemical, pharmaceutical, food processing and packaging applications where the potential for explosive atmospheres are present.



Ex tb IIIC T85C (-20  $\leq$  Ta  $\leq$  +60C) Db

Sales SINGLE P Number

SINGLE KEY INTERLOCK WITH CONTACT BLOCK STAINLESS STEEL 316

TS-CB-22-EXSingle Tongue Interlock with 2NC 2NO Pre-wired EX BlockTS-CB-11-EXSingle Tongue Interlock with 1NC 1NO Pre-wired EX Block

#### ACTUATORS FOR INTERLOCK SELECTION CHART:

A

F

HF



**KEY TRAPPED** 

Please see section on Order Form for tongue actuator/key ordering.

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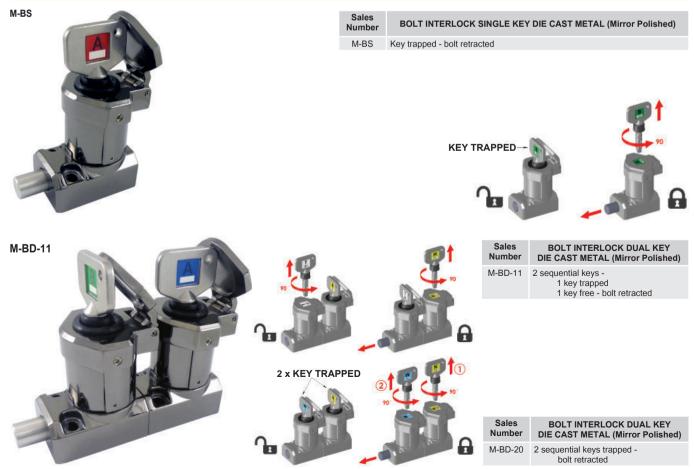
### KEY EXCHANGE DIE CAST METAL ORDERING:

M-KE-S4



Sales Number	KEY EXCHANGE - DIE CAST METAL (Mirror Polished)		
M-KE-S2	Sequential	2 Key	(First key trapped - 1 released in sequence)
M-KE-S3	Sequential	3 Key	(First key trapped - 2 released in sequence)
M-KE-S4	Sequential	4 Key	(First key trapped - 3 released in sequence)
M-KE-S5	Sequential	5 Key	(First key trapped - 4 released in sequence)

#### BOLT INTERLOCKS (not suitable for guard access) DIE CAST METAL ORDERING:



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### HANDLE INTERLOCKS DIE CAST METAL ORDERING:



#### HANDLE INTERLOCKS (Double Key) DIE CAST METAL ORDERING:

Sales Number	DOUBLE KEY INTERLOCK DIE CAST METAL (Mirror Polished)	
M-HD-C-11	2 sequential keys - one key trapped (chain fixed to handle)	one key free - actuator unlocked
M-HD-11	2 sequential keys - one key trapped (spring action handle)	one key free - actuator unlocked

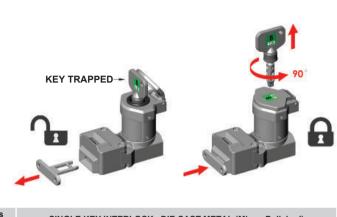


M-HD-11

M-HD-C-11

### TONGUE INTERLOCKS (Single Key) DIE CAST METAL ORDERING:



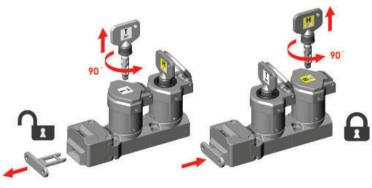


Sales SINGLE KEY INTERLOCK DIE CAST METAL (Mirror Polished) Number M-TS Key trapped - actuator unlocked

#### TONGUE INTERLOCKS (Double Key) DIE CAST METAL ORDERING:



\*See below for Actuator options.



Sales DUAL KEY INTERLOCK DIE CAST METAL (Mirror Polished) Number

M-TD-11 2 sequential keys - one key trapped one key free - actuator unlocked

#### ACTUATORS FOR INTERLOCK SELECTION CHART:

A

F

HF



Please see section on Order Form for tongue actuator/key ordering.

- Standard Actuator Stainless Steel 316 =
- = Flat Actuator Stainless Steel 316 with Plastic cover
- = Heavy Duty Flexible Actuator Stainless Steel 316 and Die Cast
- HFH = Heavy Duty Flexible fully Stainless Steel 316

**SECTION 25** 

#### INTERLOCKING WITH CONTROL ISOLATION DIE CAST METAL ORDERING:



#### **EXPLOSION PROOF** INTERLOCKING WITH CONTROL ISOLATION DIE CAST METAL ORDERING:





Trapped Key with ATEX EExd IIC T6 certified explosion proof contact blocks. The explosion proof contact blocks conform to European harmonized standard EN60079-0 and EN60079-1 and can be used in European Zone 1, 2, 21, 22 environments. (Gas and Dust). Adheres to the latest standard ISO13850, Designed for use in oil, petro-chemical, pharmaceutical, food processing and packaging applications where the potential for explosive atmospheres are present.

Exd IIC T6 (-20  $\leq$  Ta  $\leq$  +60C)

Ex tb IIIC T85C (-20  $\leq$  Ta  $\leq$  +60C) Db

SINGLE KEY INTERLOCK WITH CONTACT BLOCK Number **DIE CAST METAL (Mirror Polished)** M-TS-CB-22-EX Single Tongue Interlock with 2NC 2NO Pre-wired EX Block

M-TS-CB-11-EX Single Tongue Interlock with 1NC 1NO Pre-wired EX Block

#### ACTUATORS FOR INTERLOCK SELECTION CHART:



Flexible Stainless Stee

A

F

HF

Please see section on Order Form for tongue actuator/key ordering.

Sales

- Standard Actuator Stainless Steel 316 =
- = Flat Actuator Stainless Steel 316 with Plastic cover
- = Heavy Duty Flexible Actuator Stainless Steel 316 and Die Cast
- HFH = Heavy Duty Flexible fully Stainless Steel 316

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