



E40008TBM



E10001SCI



ELEM00



Z5



PDNS11BX10



PPKS11BX10



PDKS11BX10



LK20K13

Safety limit switches

type	actuator type	description	
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Pull wire safety switches

Pull wire safety switches guarantee the safety of operator who is able to control the immediate stop of machinery at any point in the operating zone.

- 1) Tension wire until both contact are in the closed position
- 2) When wire is pulled one contact (A) opens and switch is latched (*resettable via front button*)
- 3) If wire breaks, the other contact (B) opens

Both contacts should be wired in series

E10008TBI	latching (<i>resettable by button</i>) pull wire	limit switch	1NO+1NC
E40008TBM	latching (<i>resettable by button</i>) pull wire	limit switch	1NO+1NC

Key actuated switches

5 way key actuated switches are used on gates, sliding doors and other devices to protect access to dangerous parts of machines. The key is applied to the moving protection barrier and has to be removed from the switch on every opening thus operating a positive opening or the NC contact.

E10001S5I	key actuated safety switch	limit switch	1NO+1NC
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Hinge operated switches

Used to guarantee operator safety, applied to machinery fitted with protection barriers with application directly to the hinge of the enclosure. The switches hinged socket accepts an 8 mm shaft.

E10001SCI	safety switch for hinges	limit switch	1NO+1NC
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Spare contact blocks for all limit switches

ELEM00	standard snap action	contact block	1NO+1NC
ELEM03	slow action	contact block	2NO
ELEM07*	slow action (<i>special for gates and lifts</i>)	contact block	2NC

* *Slow action with asymmetric working to detect position and direction of moving part*

Accessories for above limit switches

Z5	angled key for key actuated safety limit switches
Z51	straight key for key actuated safety limit switches
Z52	adjustable key for key actuated safety limit switches

Note: For pull wire switch accessories (see page K-26)



Industrial Foot switches (IP65)

EMAS foot operated switches are ideal for all industrial applications they are supplied as open type or with plastic or diecast foot protection, preventing inadvertent operation. Internal cams are provided to accommodate up to 3 x contact blocks, two with simultaneous operation and one with delayed switching, ideal for two speed operations.

Mechanical life:	1.000.000 operations
Electrical life:	100.000 operations min.
Operating temperature:	-5° - +60°C
Rated operational current:	4A - 250 VAC
Conformity to Standards:	EN 60947-5-1, VDE0660, UL508

type	description	protection cover	contact configuration
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Open type foot switch (IP65)

PDNS11BX10	open type industrial foot switch	no	1NO+1NC
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Protected foot switches (IP65)

PPKS11BX10	protected type industrial foot switch	thermoplastic	1NO+1NC
PDKS11BX10	protected type industrial foot switch	diecast	1NO+1NC

Contact blocks for above foot switches

Up to two additional contact blocks can be added to foot switches: 1 x simultaneous operation and 1 x with delayed switching for two speed operations.

LK20K13	snap action contact block for foot switches	1NO+1NC
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