

Foot switches
Start on the right foot



Foot switches XPE

Simply Smart!

Leveraging
ingenuity
and intelligence
for **ease of use**

an offer that is **complete,**
simple to use and **easy** to install

The foot switches provide a solution suited to industrial environments for issuing start and normal stop instructions. They allow the operator greater freedom of movement.

Two large ranges of both plastic and metal products, with or without protective cover, are available to meet the mechanical and environmental requirements of your applications. The protective cover is strongly recommended in order to avoid accidental starting of the machine, either by human action or falling objects.



Plastic range

For light duty applications
and simple machines

*(dosing, stamping,
bending, punching)*

XPE Y Optimum

- Degree of protection IP55
- With or without protective cover
- 1 or 2 steps
- 1 or 2 "N/C + N/O" contacts
- With or without trigger mechanism in rest position (positive action required)
- ISO cable entries

XPE B/G Universal

- Degree of protection IP66
- UL/CSA
- With or without protective cover
- 1 or 2 steps
- 1 or 2 "N/C + N/O" contacts
- With or without trigger mechanism in rest position (positive action required)
- ISO cable entries

Metal range

For heavy duty applications with
demanding environmental requirements

(foundry, automobile)

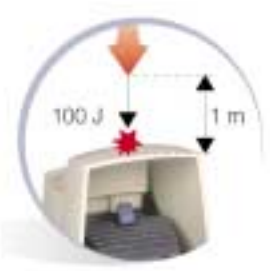
XPE M/R Universal

- Single or double pedal
- Degree of protection IP66
- CSA (XPE M)
- With or without protective cover
- 1 or 2 steps
- 1 or 2 "N/C + N/O" contacts
- With or without trigger mechanism in rest position (positive action required)
- With or without mechanical latching
- Analogue versions (single pedal)
- ATEX Dust products (single pedal)
- ISO cable entries with adaptors

Accessories

- Hand grip to improve ease of operation
- Heel rest to improve operator comfort

Contact operation	Trigger mechanism at rest position
1 step / 1 "N/C+N/O"	Without With
1 step / 2 "N/C+N/O"	Without With
2 steps / 2 "N/C+N/O"	Without With



Ergonomics

Comfort and ease of use due to ergonomic design...

- Large surface area of pedal assures stability of foot and operator comfort
- High and wide protective cover accommodates both large size and safety boots

Robustness

Quality and life span of a robust product...

- High degree of protection, up to IP66
- Wide temperature range withstand enables the foot switch to be used in a variety of working environments
- Extensive mechanical life of actuator, up to 5 million operations
- Long electrical life of contacts

Simplicity

Simplicity and savings in time due to simplified setting-up and maintenance...

- Simplified electrical connections and easy access due to case size
- Raised contact blocks within case
- Contact markings in addition to reference colours assure easy terminal identification
- Foot switch can be fixed to the floor or on a support for improved stability

Safety

Functions that contribute to the safety of your installations...

- Overall design of foot switch avoids lateral space between the operating pedal and the cover thus eliminating the risk of an object obstructing its operation.
- Switches available with or without trigger mechanism in rest position (positive action required)
- Protective cover
- Certifications
XPE B / G: UL, CSA A300
XPE M: CSA



Plastic foot switches

Optimum		Universal			
XPE Y110	XPE Y310	XPE B110	XPE B310	XPE G110	XPE G310
-	XPE Y510	-	XPE B510	XPE G810	XPE G510
-	XPE Y311▲	XPE B111	XPE B311	XPE G111	XPE G311
-	XPE Y511▲	-	XPE B511	-	XPE G511
XPE Y211▲	XPE Y611▲	XPE B211	XPE B611	XPE G211	XPE G611
-	XPE Y711▲	-	XPE B711	XPE G911	XPE G711

▲ Available 1st quarter 2005



Metal foot switches

Contact operation	Trigger mechanism at rest position	Universal simple				Universal double	
		1 step / 1 "N/C+N/O"	Without	XPE M110	XPE R110	XPE M310	XPE R310
	With	-	XPE R810	XPE M510	XPE R510	XPE M5100D	XPE R5100D
1 step / 2 "N/C+N/O"	Without	XPE M111	XPE R111	XPE M311	XPE R311	XPE M3110D	XPE R3110D
	With	-	-	XPE M511	XPE R511	XPE M5110D	XPE R5110D
2 steps / 2 "N/C+N/O"	Without	XPE M211	XPE R211	XPE M611	XPE R611	-	-
	With	-	XPE R911	XPE M711	XPE R711	-	-
						Blue	Orange

The efficiency of Telemecanique branded *solutions*

Used in combination, Telemecanique products provide quality solutions, meeting all your **Automation & Control** applications requirements.



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