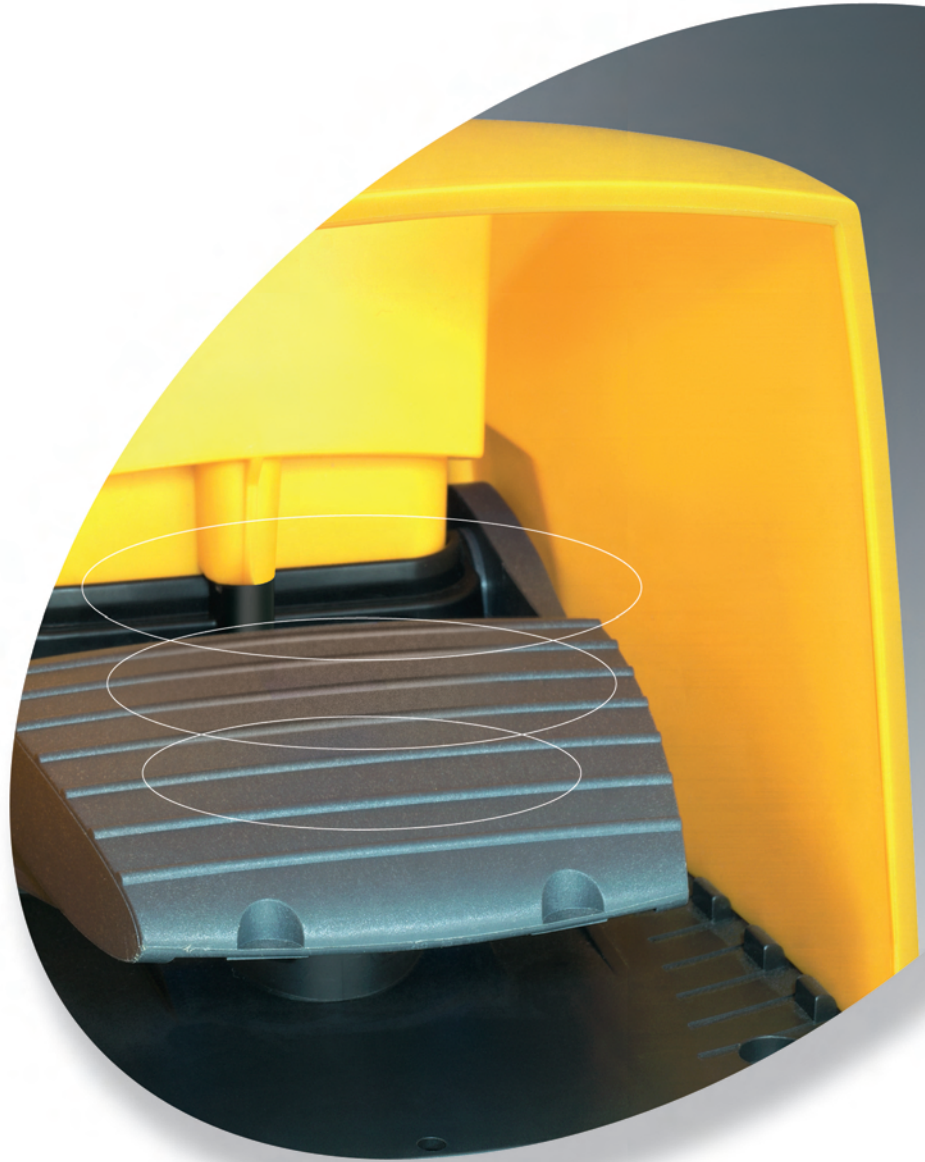


Foot switches

Harmony

Start on the right foot!



Simply Smart!

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

Foot switches

Harmony

Simple to use, 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.

Robust, ergonomic and with maximum installation *simplicity*, the foot switches, with or without protective cover, provide an ideal solution for the mechanical and environmental requirements of your applications.

Simplicity and speed of installation

Savings in time assured

- Simplified electrical connections and easy access: amply sized case
- Raised contact blocks within case
- Easy terminal identification: contact markings plus reference colours
- Stability: foot switch can be fixed to the floor or on a support
- ISO cable entries



An offer unrivalled in content

The assurance of finding the solution for any application

- Plastic and metal ranges
- Single or double pedal
- With or without protective cover
- With or without trigger mechanism in rest position (positive action required)
- With or without mechanical latching
- ATEX Dust products
- Analogue versions (single pedal)
- Accessories: hand grip, heel rest



Plastic range

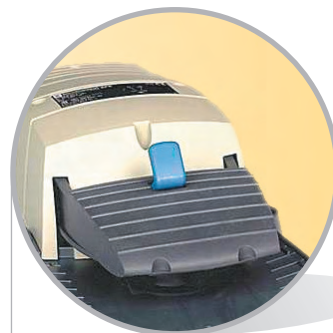
For light duty applications and simple machines (dosing, stamping, bending, punching).



		Plastic range - Optimum					Plastic range - Universal						
Protection		without cover	with cover				without cover			with cover			
Trigger mechanism in rest position		without	without	without	with	with	with	without		with	without		
Colour		yellow	yellow	orange	yellow	orange	grey	blue	grey	grey	blue	grey	blue
Mechanical life		5 million operations					10 million operations						
Degree of protection		IP 55					IP 66						
Mechanical shock resistance		30 joules					100 joules						
Rated operational characteristics		AC-15 A300, DC-13 Q300 (conforming to EN/IEC 60947-5-1)											
Dimensions, W x D x H (mm)		160 x 280 x 70		160 x 280 x 162			160 x 280 x 70			160 x 280 x 162			
Contact operation	1 step: 1 "N/C + N/O"	XPEY110	XPEY310	XPEC310	XPEY510	XPEC510	XPEG810	XPEB110	XPEG110	XPEG510	XPEB510	XPEG310	XPEB310
	1 step: 2 "N/C + N/O"	-	XPEY311	XPEC311	XPEY511	XPEC511	-	XPEB111	XPEG111	XPEG511	XPEB511	XPEG311	XPEB311
	2 step: 2 "N/C + N/O"	XPEY211	XPEY611	-	XPEY711	XPEC711	XPEG911	XPEB211	XPEG211	XPEG711	XPEB711	XPEG611	XPEB611



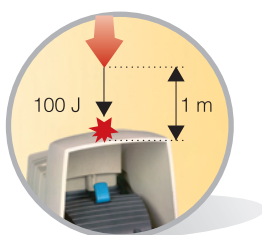
- Ergonomics
- Large surface area of pedal: stability of foot and operator comfort
- High and wide protective cover: accommodates all types of footwear



- Safety
- Overall design of foot switch avoids lateral space between the operating pedal and the casing: no risk of an object obstructing its operation
- Switch available with or without trigger mechanism in rest position (positive action required)
- Protective cover: recommended in order to avoid accidental starting of the machine, either by human action or falling objects

Robustness and Safety

The assurance of reliable components in any situation



Tested and certified performance...

- High degree of protection, up to IP66
- Wide temperature range withstand: foot switch suitable for use in a variety of working environments
- Up to 15 million operations for the metal range and up to 10 million operations for the plastic range
- Long electrical life of contacts

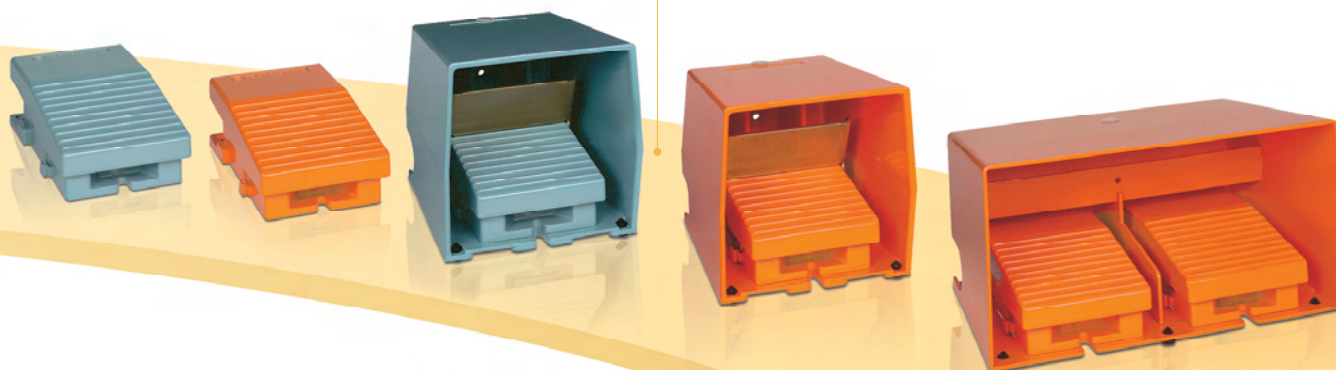
Conformity to the most demanding international standards and approvals

- EN/IEC 60947-5-1
- Certifications: CE, UL, CSA, CCC

A selection of the most popular products. Discover the complete product range, including complete assemblies and components on www.telemecanique.com

Metal range

For heavy duty applications with demanding environmental requirements (foundry, automobile).



Metal range - Universal, single pedal

without cover		with cover	
with	without	with	without
orange	blue	orange	blue

15 million operations

IP 66

100 joules

AC-15 A300, DC-13 Q300 (conforming to EN/IEC 60947-5-1)

104 x 172 x 59

160 x 186 x 152

XPER810	XPER110	XPER110	XPER510	XPER510	XPER310	XPER310
XPER811	XPER111	XPER111	XPER511	XPER511	XPER311	XPER311
XPER911	XPER211	XPER211	XPER711	XPER711	XPER611	XPER611

Metal range - Universal, double pedal

with cover		without	
with	without	with	without
blue	orange	blue	orange

295 x 190 x 155

XPER5100D	XPER5100D	XPER3100D	XPER3100D
XPER5110D	XPER5110D	XPER3110D	XPER3110D
-	-	-	-

Protection
Trigger mechanism in rest position
Colour
Mechanical life
Degree of protection
Mechanical shock resistance
Rated operational characteristics
Dimensions, W x D x H (mm)
1 step: 1 "N/C + N/O" Contact operation
1 step: 2 "N/C + N/O"
2 step: 2 "N/C + N/O"

Harmony it's also
a complete range of:



Pushbuttons, switches
and pilot lights



Control stations



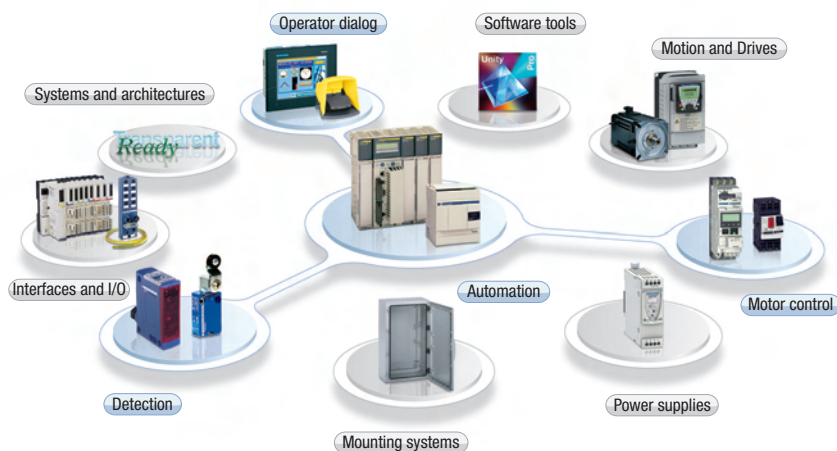
Cam switches



Beacons and indicator banks

The efficiency of Telemecanique branded *solutions*

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



A **worldwide** presence

Constantly available

- More than 5 000 points of sale in 130 countries.
- You can be sure to find the range of products that are right for you and which complies fully with the standards in the country where they are used.

Technical assistance wherever you are

- Our technicians are at your disposal to assist you in finding the optimum solution for your particular needs.
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