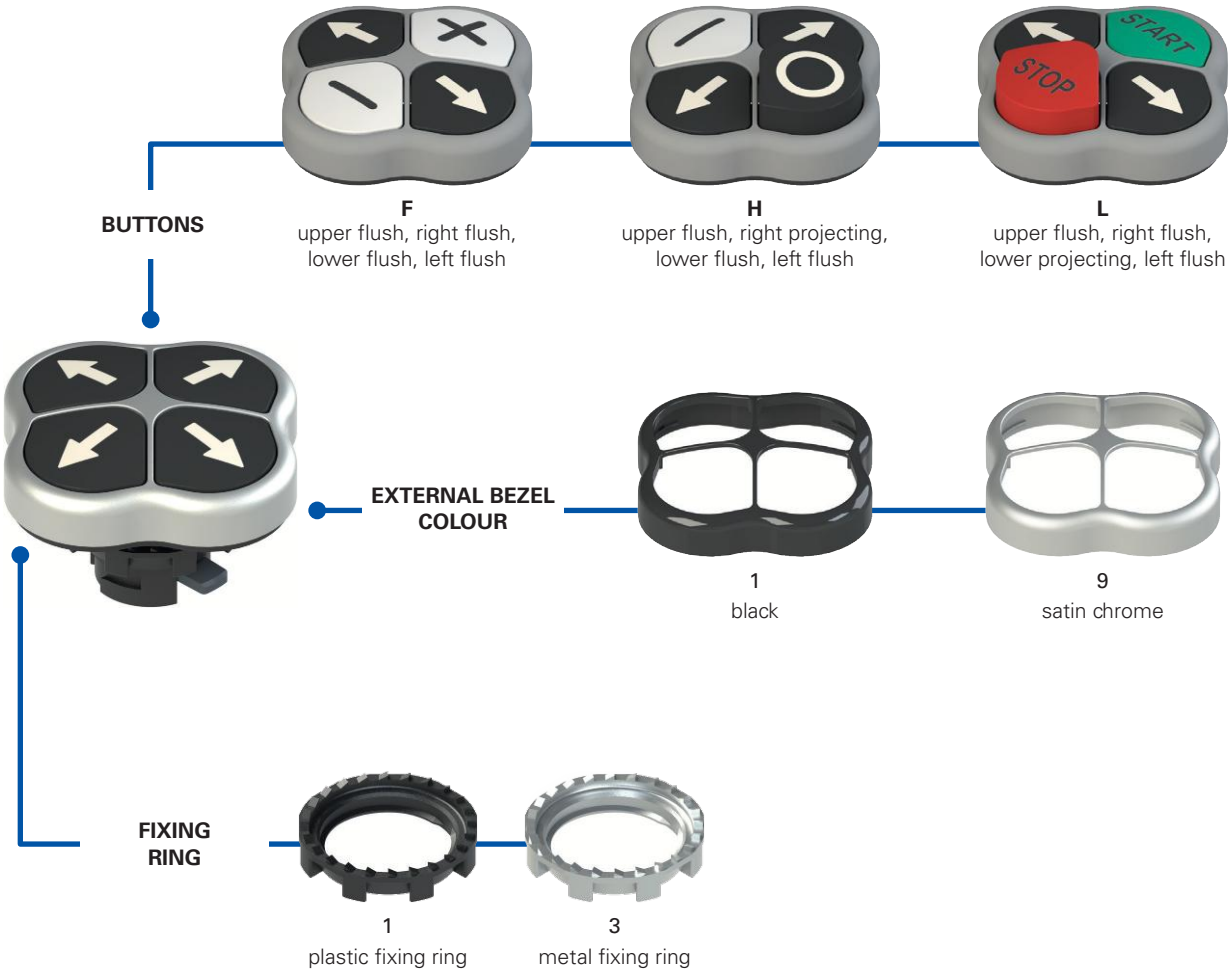
Selection diagram



Code structure

Attention! The feasibility of a code number does not mean the effective availability of a product. Please contact our sales office.

E2 1PQFA1QAAA

Fixing ring and shaped ring	
1	plastic fixing ring (standard)
2	plastic fixing ring and shaped ring
3	metal fixing ring
4	metal fixing ring and shaped ring

Buttons	
F	upper flush, right flush, lower flush, left flush
H	upper flush, right projecting, lower flush, left flush
L	upper flush, right flush, lower projecting, left flush

Other combinations on request.

Bezel colour	
1	black (standard)
9	satin chrome (standard)

Colours and symbols

	upper button		right button		lower button		left button	
	colour	symbol	colour	symbol	colour	symbol	colour	symbol
QAAA	black	↑	black	→	black	↓	black	←
QAAB	green	START	black	→	red	STOP	black	←
QAAC	white	START	black	→	black	STOP	black	←
QAAD	green	I	black	→	red	O	black	←
QAAE	white	I	black	→	black	O	black	←
QAAF	white	+	black	→	white	-	black	←
QAAH	black	↑	red	STOP	black	↓	green	START
QAAJ	black	↑	black	STOP	black	↓	white	START
QAAK	black	↑	red	O	black	↓	green	I
QAAL	black	↑	black	O	black	↓	white	I
QAAM	black	↑	white	-	black	↓	white	+
QAAN	black	↑	white		black	↓	white	

Other combinations on request.



Main features
- Protection degree IP67
- Version with projecting buttons
- Customisation with symbols available

Quality marks:

IMQ approval: CA02.04805
UL approval: E131787
EAC approval: RU Д-IT.PA07.B.37848/24

Technical data

General data

Protection degree:	IP67 acc. to EN 60529
Ambient temperature:	-25°C … +80°C
Safety parameter B_{10D}:	2,000,000
Mechanical endurance:	1 million operating cycles
Max. actuation frequency:	3600 operating cycles/hour
Actuating force at limit of travel:	6.5 N (without contacts)
Maximum travel:	5 mm
Tightening torque of the fixing ring:	2 … 2.5 Nm
Utilization requirements:	See page 179

In compliance with standards:
IEC 60947-1, IEC 60947-5-1, IEC 60204-1, EN 60947-1, EN 60947-5-1, EN 60204-1, EN IEC 63000, UL 508, CSA C22.2 No. 14.

⚠ **Installation for safety applications:**
Use only contact blocks marked with the symbol ⊖. The safety circuit must always be connected to **NC contacts** (normally closed contacts: .1-.2).

Compliance with the requirements of:
Low Voltage Directive 2014/35/EU,
EMC Directive 2014/30/EU,
RoHS Directive 2011/65/EU.
Positive contact opening in conformity with standards:
IEC 60947-5-1, EN 60947-5-1.

Features approved by UL

For Use on a Flat Surface of a Type 1, 4X, 12 and 13
Tightening torque 2.0 Nm

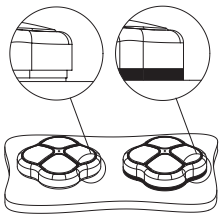
General data

Button profile



In order to be used in different types of application the EROUND line quadruple buttons are now available in two shapes: projecting and flush. The possible choice of shapes, colours and symbols allows various code combinations for buttons.

Shaped ring



The shaped ring can be used when no label holder or other devices are applied; it prevents dirt and other residues from settling between the button and the panel or housing. This turns out to be particularly useful in the sectors where high standards of cleanness and hygiene are required.

Protection degree IP67

IP67

These devices are designed to be used under the toughest environmental conditions, and they pass the IP67 immersion test acc. to EN 60529. They can therefore be used in all environments where the maximum degree of protection is required for the housing.

Customisable

In order to suit the various requests and needs of the customers, Pizzato Elettrica offers the possibility to customize the quadruple buttons with indelible laser inscriptions and symbols.



Metal fixing ring



The fixing ring in metal is particularly suitable for those applications which require tighter fitting of the panel-mounted device, such as for example in metal panels having holes without reference notches.

Quadruple buttons

Selection table for quadruple buttons



Actuator colour and engraving (starting from the top and clockwise)	upper button flush right button flush lower button flush left button flush		upper button flush right button projecting lower button flush left button flush		upper button flush right button flush lower button projecting left button flush	
	black bezel	Satin chrome bezel	black bezel	Satin chrome bezel	black bezel	Satin chrome bezel
"↑" black button "→" black button "↓" black button "←" black button	E2 1PQFA1QAAA	E2 1PQFA9QAAA	-	-	-	-
"START" green button "→" black button "STOP" red button "←" black button	E2 1PQFA1QAAB	E2 1PQFA9QAAB	-	-	E2 1PQLA1QAAB	E2 1PQLA9QAAB
"START" white button "→" black button "STOP" black button "←" black button	E2 1PQFA1QAAC	E2 1PQFA9QAAC	-	-	E2 1PQLA1QAAC	E2 1PQLA9QAAC
"I" green button "→" black button "O" red button "←" black button	E2 1PQFA1QAAD	E2 1PQFA9QAAD	-	-	E2 1PQLA1QAAD	E2 1PQLA9QAAD
"I" white button "→" black button "O" black button "←" black button	E2 1PQFA1QAAE	E2 1PQFA9QAAE	-	-	E2 1PQLA1QAAE	E2 1PQLA9QAAE
"+" white button "→" black button "-" white button "←" black button	E2 1PQFA1QAAF	E2 1PQFA9QAAF	-	-	-	-
"↑" black button "STOP" red button "↓" black button "START" green button	E2 1PQFA1QAAH	E2 1PQFA9QAAH	E2 1PQHA1QAAH	E2 1PQHA9QAAH	-	-
"↑" black button "STOP" black button "↓" black button "START" white button	E2 1PQFA1QAAJ	E2 1PQFA9QAAJ	E2 1PQHA1QAAJ	E2 1PQHA9QAAJ	-	-
"↑" black button "O" red button "↓" black button "I" green button	E2 1PQFA1QAAK	E2 1PQFA9QAAK	E2 1PQHA1QAAK	E2 1PQHA9QAAK	-	-
"↑" black button "O" black button "↓" black button "I" white button	E2 1PQFA1QAAL	E2 1PQFA9QAAL	E2 1PQHA1QAAL	E2 1PQHA9QAAL	-	-
"↑" black button "-" white button "↓" black button "+" white button	E2 1PQFA1QAAM	E2 1PQFA9QAAM	-	-	-	-

Other combinations on request.

Complete units



Actuator colour and engraving (starting from the top and clockwise)		Contacts pos. 3	pos. 2	pos. 4	pos. 1	upper button flush right button flush lower button flush left button flush Satin chrome bezel
	"↑" black button			1NO		E2 AC-DXBC2000 E2 1PQFA9QAAA + E2 1BAC21 + E2 CP10G2V1 + E2 CP10G2V1+ E2 CP10G2V1 + E2 CP10G2V1
	"→" black button				1NO	
	"↓" black button		1NO			
	"←" black button	1NO				

Other combinations on request.



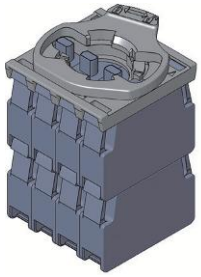
Actuator colour and engraving (starting from the top and clockwise)		Contacts pos. 3	pos. 2	pos. 4	pos. 1	upper button flush right button projecting lower button flush left button flush Satin chrome bezel
	"↑" black button			1NO		E2 AC-DXBC2001 E2 1PQHA9QAAH + E2 1BAC21 + E2 CP10G2V1 + E2 CP10G2V1+ E2 CP10G2V1 + E2 CP01G2V1
	"STOP" red button				1NC ⊖	
	"↓" black button		1NO			
	"START" green button	1NO				

Other combinations on request.

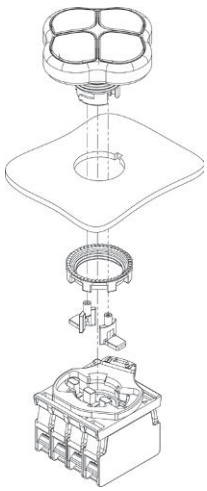
Maximum number of contact blocks

4-slot mounting adapter

Quadruple buttons E2 •PQ•••••••



maximum number:
8 contact blocks
2 levels



The assembly of the 2 lateral actuators, supplied with the quadruple button, must be done after the fixing of the button.



Contact block

→ The 2D and 3D files are available at **www.pizzato.com**

Mounting adapter

Packs of **10 pcs.**



Article	Description
E2 1BAC21	4-slot mounting adapter for E2 CP•••••• contact block

Shaped ring

Packs of **10 pcs.**

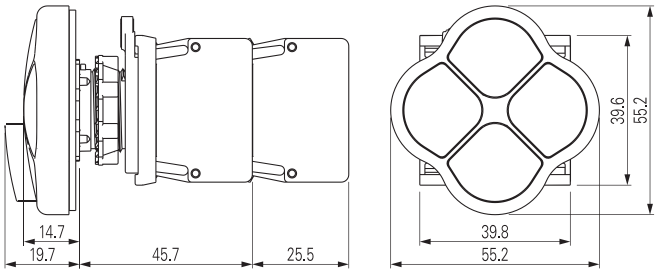


Article	Description
VE GP12M1A	Shaped ring for quadruple button E2 •PQ•••••••

Dimensional drawings

All values in the drawings are in mm

Quadruple button



Minimum distances for installation

