

Quality touch!



**Pushbuttons
and selector
switches**
PLatinum
series

● Pushbuttons and selector switches

Ø22mm

PLatinum



Quality touch!

● QUICK AND EASY ACTUATOR INSTALLATION



- Actuator fixing on the mounting surface, through a Ø22mm drilled hole, is obtained using its **threaded ring**, easily rotated by hand or by socket spanner/wrench.



- Presence on the operator of an **anti-rotation fastener** collapsing inside the seal to allow fitting even when holes do not have a reference index.
- The sealing gasket for the actuator mounting surface has a gripping action (suction effect) offering additional **adhesion properties**.



- **Clearly visible reference indications** making the snap-on fitting between the two easy and intuitive.



- Electrical contacts and LED lamp holders **snap** onto the mounting adapter.



● HIGH DEGREE OF PROTECTION IEC IP66, IP67, IP69K and UL TYPE 4X

- IP66: Powerful water jets
- IP67: Water immersion at one metre
- 69K: Powerful water jets at high pressure and temperature
- Type 4X: UL directives as regards powerful water jets



● ELEGANT STYLE AND ERGONOMIC DESIGN

All the series elements have an ergonomic design and, at the same time, particular care has been given to minimum detail aesthetics.

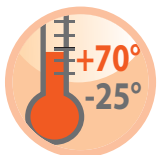


● LONG ACTUATOR MECHANICAL LIFE

- 5,000,000 cycles: Pushbutton actuators and mechanical reset buttons
- 1,000,000 cycles: Selectors, double and triple actuators
- 300,000 cycles: Emergency-stop actuators



● MATERIALS RESISTANT TO OILS, SOLVENTS AND HYDROCARBONS



● USAGE AT EXTREME TEMPERATURE CONDITIONS

Range between -25° and +70°C.



● INTERNATIONAL CERTIFICATIONS

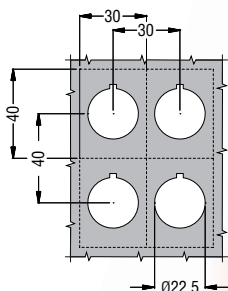


● CONTACT ELEMENTS



- Miniaturised size
- High electric conductivity - 5V 1mA
- **Up to 9 contacts elements** can be installed, 3 rows of 3 elements
- Screw or faston termination
- Contact operation: double breaking action, direct opening operation and wiping action.

● REDUCED DIMENSIONS AND INTERAXIS



- Minimum 30x40mm pitch between two actuators on a mounting surface.
- Minimum pitch between drilled holes for double and triple touch actuators is 30x55mm.



- Total depth, from the external mounting surface to the end of the first contact element is only **43mm**.



- **Low actuator profile**
The external actuator bezel has a low profile and reduced front thickness.

Pushbuttons and selector switches Ø22mm



Pushbutton actuators

- Spring return
- Spring return with symbol
- Push - push
- Illuminated versions



Customising capability

To simplify stock management, the new series includes actuators without cap or lens and separate caps and lenses for quick replacement on spring return and push-push types; all these are sold as accessories.

Selector switches

- Knob
- Key
- Illuminated versions



Knob design assures excellent grip.



High visibility on front or side and actuator inscription shows exact switch position.



Use of **Ronis keys**.



Activation of the centre contacts is standard-supplied on 2 and 3 position selector switches.



Mechanical and electrical reset buttons



Rod adjustment directly on actuator front (1...4mm).



Up to 6 contact elements can be mounted.



● Double and triple touch actuators

- Double with 2 flush pushbuttons
- Double with 1 extended and 1 flush pushbuttons
- Triple with 1 middle extended button
- Double with 1 middle white indicator



● Emergency-stop actuators

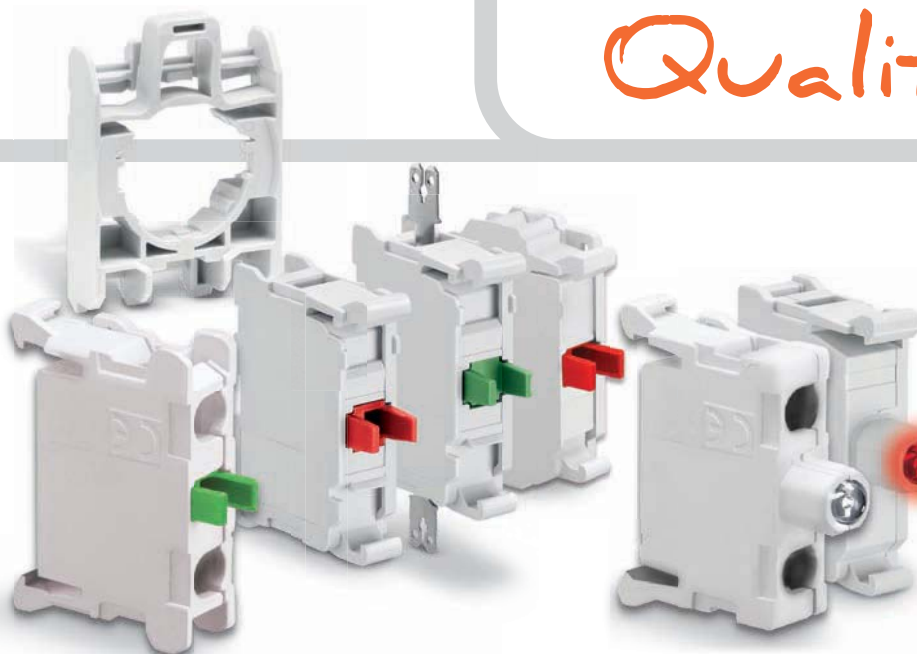


- Spring return
 - Ø40mm and Ø60mm
 - Illuminated version
- Latch, pull to release
 - Ø40mm
 - For normal stopping
 - For emergency stopping, ISO 13850 compliant
- Latch, turn to release
 - Ø30mm and Ø40mm
 - For normal stopping
 - For emergency stopping, ISO 13850 compliant
 - Illuminated version
- Latch, turn key to release
 - Ø40mm
 - For normal stopping
 - For emergency stopping, ISO 13850 compliant
 - Illuminated version



- Actuator structure suitable to warrant direct opening operation with mechanical latching for emergency stopping per **ISO 13850** and **IEC/EN 60947-5-5**.
- There is a green line around the actuator body to spot when the emergency stop is at rest or activated.
- Use of **Ronis keys**
- Padlockable protection against accidental contacts.

Quality touch!



● Contact elements and mounting adapter

- Rear mount version
 - Screw termination
 - Spring clamp termination
 - Faston termination
- Base mount version
 - Screw termination

● LED integrated lamp-holders

- Base mount version
 - Steady light protected type
- Rear mount version
 - Steady light
 - Flashing light
- High luminosity
- Miniaturised size
- Long electrical life: 100,000h
- Over-voltage protection
- Vibration withstand
- Stray current protection in wiring
- Flickering phenomenon reduction
- Supply voltages:
 - 12-30VAC/DC
 - 85-140VAC
 - 185-265VAC.



● LED integrated monoblock pilot lights

- 12VAC/DC • 24VAC/DC
- 110VAC • 230VAC



● Communication interface connectors

- USB Rev. 2.0 25-40Mb/s
- RJ45 10 gigabit Ethernet (10GBASE-T)



● Monoblock buzzers

- 80dB
- 24VAC/DC • 110VAC • 230VAC



● Pilot light heads



● Joysticks with 2 or 4 directions

- Without mechanical interlock
- With mechanical interlock



● Control stations

- Version without actuators (up to 6 holes)
- Version complete with one pushbutton
- High degree of protection IEC IP66, IP67, IP69K

Accessories



- Label holders, blank labels or with text



- Rubber boots



- Plastic disks



- Diffusers, threaded caps and lenses



ENERGY AND AUTOMATION

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