

For Your Safety

Single-row LADY Pendant Stations comply with the present Directives and Safety Rules, and in particular:

2006/42/CE	Machine Directive
2014/35/UE	Low Voltage Directive
2014/30/UE	EMC Directive
EN 60204-32	Lifting Machinery Safety Regulations
EN 60947-1	Low-voltage Switchgear and Control-gear
EN 60947-5-1	Low-voltage Switchgear and Control-gear: Control Circuit Devices and Switching Elements
EN 13850	Safety of the Machinery - Emergency Stop
EN 60529	Degrees of Protection Provided by Enclosures



Single-row LADY Series Pendant Stations are guaranteed by our EC Certificate of Conformity, available upon request, in which it is declared that such product was manufactured by RAVIOLI in compliance with defined and recognised Safety Regulations, and according to the quality standards stated in our UNI EN ISO 9001:2008 Quality System Certificate.

In respect for People and Environment

Ravioli is actively involved in the full observance of People and Environment respect, manufacturing products according to the Company's standards defined in its Code of Ethic Behaviour. All our products are projected in order to increase Occupational Safety for final users and are completely free of harmful substances for the Environment.

Installation and maintenance instructions

INSTALLATION

The push-button Pendant Stations must be installed by a qualified staff, according to Safety Regulations. Electrical current must be switched off before cabling. Internal cabling must be carried out in strict compliance with the electrical drawings of the controlled machinery.

After installing, a test of the emergency stop as well as all other push-buttons activated by the Pendant Station, must be duly executed. It is highly recommended to avoid prolonged use of oils and acidic substances during usage. We remind that for safety reasons, it is forbidden to align the MK11 - 1NO + 1NC - with the mushroom head Emergency Button. Please contact our offices for more detailed information in case of need.

CABLING

Cabling should be carried out as follows:

- remove cover (2) by loosening the screws
- remove wire clamp by loosening the screws holding it in place
- assess diameter of available cable and cut rubber sleeve (3) so that, once the cable has been inserted, the device will be perfectly water- and dust-proof
- tighten the wire clamp, ensuring that the cable is securely fixed
- carry out cabling procedure with clamp tightening torque 0,7 Nm
- if required, move the push-buttons' symbols and place them in the right position
- close Pendant Station paying attention to correctly positioning the rubber gaskets. Housing tightening torque 1 Nm

MAINTENANCE

In order to ensure properly and perfect working of the Pendant Station, a programmed periodic maintenance is highly recommended.

All operations must be carried out by authorised staff and the exclusive use of original spare parts is to be considered mandatory.

Any part showing signs of wear or defects must be replaced immediately, even beyond - and in addition to - ordinary maintenance, in order to ensure maximum operation safety at all times.

In particular, it is necessary to:

- clean push-button Pendant Station periodically, using non-aggressive products and compressed air on external parts, and compressed air only on internal parts
- check that all screws on pack are tightened
- check internal cabling and that connecting terminals are tightly closed
- check that the housing is in good conditions
- check correct operation of the equipment by carrying out a series of test manoeuvres

Any alteration of the parts of the push-button Pendant Stations will make the manufacturer's warranty expire.

RAVIOLI S.p.A. declines any responsibility for damages deriving from incorrect installation or improper use of the product.

