



İMAJ TEKNİK  
ELEKTRİK ELEKTRONİK MALZ. SAN. VE TİC. LTD. ŞTİ



# 6100 FOOTSWITCH

## REQUEST FORM FOR NON-STANDARD FOOTSWITCHES

### PROTECTION

Size

Standard

Large

Type

Plastic

Aluminium

### INSTRUCTIONS

- Mark the boxes corresponding to the size and type of **protection** required.
- Write the number of **switches** required.
- Mark the box corresponding to the type of **pedal** required.

### SWITCHES

Quantity

### PEDAL

With safety device

Without safety device

With lock-release device

### REMARKS

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## USE AND MAINTENANCE INSTRUCTIONS

The footswitch 6100 is an electromechanical device for low voltage control circuits (EN 60947-1, EN 60947-5-1) for use as electric equipment on machines (EN 60204-1) in compliance with the essential requisites of the Low Voltage Directive 2006/95/CE and the Machine Directive 98/37/CE.

The footswitch 6100 is designed for use in industrial environments with even very severe climatic conditions (working temperatures from -25°C to +70°C and is suitable for use in tropical environments). The equipment is not suitable for use in environments with a potentially explosive atmosphere, in the presence of corrosive agents or high percentage of sodium chloride (saline mist). Contact with oil, acids and solvents may damage the equipment.

### Instructions for wiring

Unscrew the screws closing the cover (01), lift the cover (43), partly unscrew the locking on the wire clamp (11) so as to insert the wire.

Insert the electric wire (from the outside towards the inside of the compartment) and proceed to wire the switches (10). **IMPORTANT! DO NOT DISMANTLE THE SWITCHES: THEY CAN BE WIRED WITHOUT REMOVING THEM FROM THEIR HOUSING. REMOVING THEM COULD CAUSE MALFUNCTION OF THE FOOTSWITCH.**

Loosen the terminals on the switches (10) by loosening the screws so they can be wired.

Tighten the terminal screws with a torque of 0.8 Nm; insertability of wires into the terminals 1x2,5 mm<sup>2</sup> - 2x1,5mm<sup>2</sup> (UL - (c)UL: use 60 or 75°C conductor and wire size No. 16-18 AWG, stranded or solid).

To close the footswitch tighten the wire clamp by turning the locking (11), close the footswitch with its guard (43) and tighten the screws (01).

### Instructions for use and maintenance

The footswitch does not require any particular maintenance: a few simple, rapid controls will maintain the device in perfect working order for many years.

Check and tighten the screws closing the cover (43), make sure the wire clamp (11) is securely fastened and the sheathing on the wire protects it completely.

Remove any chips, stones, rags, etc. and remove any obstacles preventing use of the pedal (03).

Check periodically that the safety device (42) is intact and working: to test it, try pressing the pedal (03) from the edge (it should not work).

Check that the cover (43) is intact.

To clean the device use compressed air (1 Atm) and a damp cloth: do not use detergents, and/or additives.

If you notice any malfunctions, replace the footswitch.

Do not grease and/or oil the internal organs for any reason: any parts that rub together have lifetime self-lubrication.

Any change to parts of the footswitch will invalidate the rating plate data and identification of the device, and render the warranty null and void. In case of replacement of any part, use only original replacements.

TER is not liable for damages caused by improper use of the device and installation which is not made correctly.



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değiştirdi

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