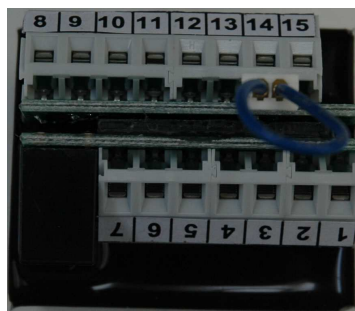


LOW VOLTAGE CONTACT INTERFACE INSTRUCTION MANUAL



Technical Data

| | |
|---|---------------------|
| Power supply | 230V a.c.± 10% 50Hz |
| Maximum output current | 10Acosφ1,4Acosφ 0.4 |
| Output voltage on contacts 5/6/7 | 230V a.c. 50Hz |
| Box total dimensions mm. | 110x88x50 (WxDxH) |
| Terminals' size | 2.5 mm ² |
| Pulse time | minimum 500mSec . |
| Satisfies all the technical regulations applicable to the product within the scope of Council Directives 73/23/EEC: | |
| EN 55014-1(2000)+ EN55014-1/A1 (2001)+EN55014-1/A2 (2002) | |
| EN61000-3-2 (2000) | |
| EN61000-3-3 (1995)+ EN61000-3-3/A1 (2001) | |
| EN55014-2(1997)+ EN55014-2/A1 (2001) | |
| EN60335-1 EN60335-2 | |

Introduction

The low voltage contact interface can be used to control an electric screen or projector lift by low voltage contact closures and/or via permanent switcher.

Terminals Description (Fig. 1)

- 1 = Neutral wire mains
- 2 = Earth wire
- 3 = Phase wire mains
- 4 = n.a.
- 5 = Motor wire brown (for rolling down)
- 6 = Motor wire blue (neutral)
- 7 = Motor wire black (for rolling up)
- 8 – 9 = Common low voltage
- 10 (or 12) = Contact closure low voltage (for rolling down)
- 11 (or 13) = Contact closure low voltage (for rolling up)
- 14 = Switcher permanent contact (for rolling down)
- 15 = Switcher permanent contact (for rolling up)

Connection Instructions

Connect the motor wires to terminals 5-6-7 and the mains to terminals 1-3, as described on Fig. 1.

Connect the contact closures of your control system to terminals 8/9 (common) and 10 for rolling down control and between 8/9 (common) and 11 for rolling up control.

If you give a new input, the former input will be ignored.

The control of the motor via these contact closures happens as follows:

- After making a contact closure of minimum 500 mSec., the unit will supply power for 2 minutes at the motor.
- After this time, the power will be deactivated.

If during rolling down of the motor, you make contact closure with rolling up contact, the motor will stop.

Making another contact closure to the rolling up contact, the motor will start to roll up.

The same is valid for the inverse direction.

Connecting a permanent switcher between pin 8/9 (common) and pin 14 you can control the rolling down of the screen and connecting the second button of the permanent switcher to pin 8/9 (common) and pin 15 you can control the rolling up of the screen.

For these controls you have to use a man-present switcher similar to the one included in the projection screen/lift packaging.

In case you control the interface via this man present switcher all the other controls are ignored.

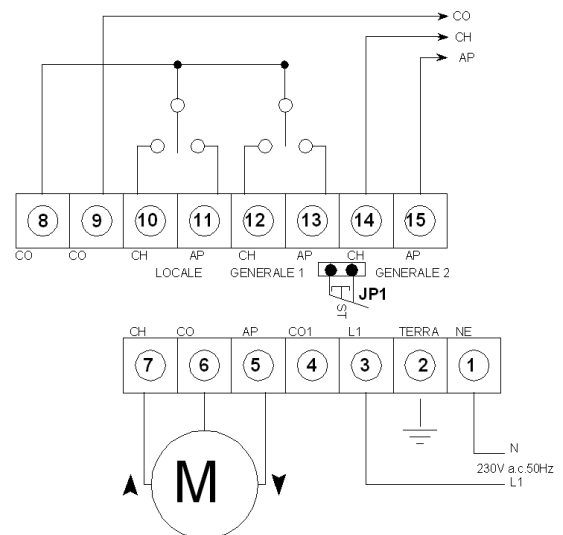


Fig. 1

JP1 is a contact bridge closed. In case you remove this bridge, this contact will be opened and all operations of the interface will be disabled.

Instead of this bridge you can connect a control system that can disable the interface in case of danger.