



**Current Limiter and Overload Interrupter - Type LIP5**  
intelligent and electronic current limiter



**Actulux**

## Current Limiter and Overload Interrupter - Type LIP5

### ADVANCED ELECTRONIC CURRENT LIMITER

LIP5 is an advanced electronic product that is used as current limiter between a 24V DC or 48V DC supply and 1 actuator.

When the adjusted current limit is reached because of the load of the actuator, and the load of the actuator hereby increased further, the speed of the actuator will be automatically reduced. This way the consumption will not exceed the adjusted level, e.g. 4 amp. for 24V and 2 amp. for 48V.

### BUILT IN ACTUATOR PROTECTOR

LIP5 has a built in actuator protector. This means that the voltage will automatically be interrupted if the speed of the actuator gets relatively very low or stops completely because of a mechanic locking or end stop.

LIP5 is delivered in a discreet plastic box, which also functions as a link between the supply and the actuator.

### CONNECTION & SETTINGS

| SW | off |   | on |   | Function                     | Settings  |     |      |     |                            |
|----|-----|---|----|---|------------------------------|---|-----|------|-----|----------------------------|
|    |     |   |    |   |                              |   |     |      |     |                            |
| 1  |     | ■ |    |   |                              |   | OFF | ON   | OFF | ON                         |
|    |     |   | 4A |   | Max. current<br>Motor output | 24VDC supply                                      | N/A | 3A   | 4A  | 2,5A Rotary 100 / SA Mini  |
|    |     |   |    |   |                              | 48VDC supply                                      | N/A | 1,5A | 2A  | 1,25A Rotary 100 / SA Mini |
| 2  |     |   |    | ■ |                              |   | OFF | OFF  | ON  | ON                         |
| 3  |     |   |    | ■ | Input resistance             | on = 27Kohm connected / off = 27Kohm disconnected |     |      |     |                            |

### FEATURES

Supply: 24V DC eller 48V DC +/- 15%, Ripple 2 Volt PP

Current limiter: Adjustment possibilities for max. current consumption by means of a switch on the board:

| Type of opening system | 24V  | 48V   |
|------------------------|------|-------|
| SA Power               | 3,0A | 1,5A  |
| SA Power               | 4,0A | 2,0A  |
| SA Power Mini          | 2,5A | 1,25A |
| Rotary 100             | 2,5A | 1,25A |

Input resistance: Possibility to connect a 27K ohm resistance over the input clamp connection for monitoring of the line

Size (l x w x h): 100 x 100 x 50 mm

Colour: White

IP rating: IP54

Terminals: 16 mm<sup>2</sup>

Approved acc. to: EN60335-1

Marking: CE