

# Intelligent Current Limiter and Overload Interrupter - Type LIP5

## Description

LIP5 is an advanced product, which is used as a current limiter between a 24V DC or a 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.



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.

## Technical data

Supply: 24V DC or 48V DC +/- 15%

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

<b>Type of opening system:</b>	<b>24V:</b>	<b>48V:</b>
SA Power	3,0 A	1,5 A
SA Power	4,0A	2,0A
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

Density: IP54

Approved acc. to: EN60335-1

Marked: CE

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

## Connection and settings

LIP5 Connection and DIP switch setting ( setting24V-4A / 48V-2A shown)			
SW	off	on	Function
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Max. current motor output
			Setting
			24 VDC supply 3,0A - 4,0A - 2,5A Rotary100
			48 VDC supply 1,5A- 2,0A-1,25A Rotary100
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Input resistance
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	on = 27Kohm connected off = 27Kohm disconnected

