



Current Limiter and Overload Interrupter - Type LIP6
intelligent and electronic current limiter



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ADVANCED ELECTRONIC CURRENT LIMITER

LIP6 is an advanced electronic product, which is used as a current limiter between a 24V DC or 48V DC supply and 1 or 2 actuators.

When the adjusted current limit is reached because of the load of the actuator(s), and the load of the actuator(s) hereby increased further, the speed of the actuator(s) will be automatically reduced. This way the consumption will not exceed the adjusted level, e.g. 3 amp. for 24V or 1,5 amp. for 48V.

LIP6 can work both as single operation, i.e. connected to 1 actuator or as tandem operation i.e. connected to 2 actuators in parallel operation.

LIP6 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. LIP6 is delivered in a discreet plastic box, which also functions as a link between the supply and the actuator(s).

CONNECTION & SETTINGS

SW	off	on	Function	Settings				
1	■			OFF	ON	OFF	ON	
		4A	Max. current Motor output	24VDC supply	N/A	3A	4A	2,5A Rotary 100 / SA Mini
				48VDC supply	N/A	1,5A	2A	2,5A Rotary 100 / SA Mini
2		■		OFF	OFF	ON	ON	
3		■	No function					
4		■	Operation mode	on = 2 x Single / off = Tandem				
5		■	Input resistance	on = 27Kohm connected / off = 27Kohm disconnected				
6	■		Delay between M1 and M2	on = delay on / off = delay off				

FEATURES

Supply: 24VDC or 48VDC +/- 15%
Output: 2 outputs which can function independently (individually in single operation) or or in joint operation (tandem)
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 for each actuator output
SA Power 4,0A 2,0A for each actuator output
2,5A Rotary 100 / SA Mini 2,5A 1,25A for each actuator output
Tandem operation: If one actuator fails, the other one stops shortly after (maximum 3 seconds)
Input resistance: Possibility to connect a 27K ohm resistance over the input clamp connection for monitoring of the line
Dimensions (l x w x h): 100 x 100 x 50 mm
Colour: White RAL 9010 / IP rating: IP54
Approved according to: EN60335-1 / Marking: CE