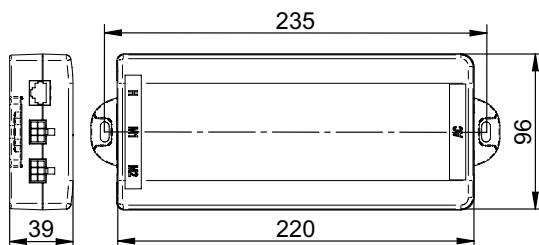


DDLS-2 | SYNCHRONOUS ACTUATOR CONTROL BOX



DRAWING (mm)



PHOTO



MODEL NO. DESIGNATION

DDLS - NUMBER OF ACTUATORS

Example: DDLS-2

ACCESSORIES



● C = customizations are offered on demand even for smaller quantities. Typical customizations are indicated with a green dot at column end. Please contact us for any customization request.

ACTUATOR CONTROL BOX DATA			C
Mode	Synchronous		
Number of actuators	2		
Compatible controller ¹	HDL-DDLS-2		
Compatible actuators ²	Transmotec DLA series and DLB series.		
Output voltage	V	24	
Output current	A	2.4	
Overload protection current	A	-	
Duty cycle ³	%	10	
Input voltage range	V	100 to 240	
Input power frequency	Hz	50 60	
Power cable ⁴	IEC C7		
Power cable length	m	3	
CE label	Yes		
Operating temperature	°C	5 to 40	
IP rating	IP20		
Weight	kg	0.81	
Actuator port	Molex 45732-0001		
Controller port	10P10C (RJ50)		
Body materials	Fireproof ABS (FR-ABS)		
Color	Black		

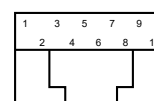
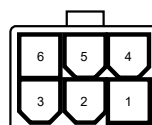
OPERATION GUIDANCE SYNCHRONOUS ACTUATOR CONTROL BOXES

1. Connect all actuators adapter cables between the control box and the actuator.
2. All actuators must be connected to the control box for functional operation.
3. Press and hold down both hand control buttons 3 seconds to start automatic calibration process.
4. Press and continuously hold down the M button on the hand control for actuators operation.
5. Actuators will have a few mm stopping distance.
6. The actuators will stop automatically by its internal limit switches at end position.

NOTES

1. Sold separately. See www.transmotec.com.
2. Standard actuators are sold with flying wires but adapter cable is included. Actuators with connectors are sold on demand.
3. Max. 2 min. continuous operation in 20 min.
4. Plugs EU CEE 7/7 and US NEMA 5/15.

PIN LAYOUT	
MOLEX 45732-0001 Jack	10P10C (RJ50) Jack



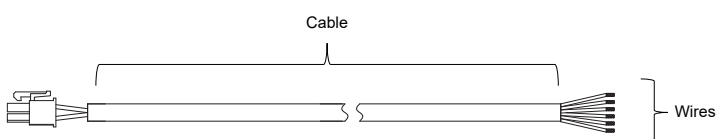
PIN CONFIGURATION MOLEX 45732-0001

Pin	Function
1	GND
2	Vin
3	M-
4	Hall 2
5	Hall 1
6	M+

PIN CONFIGURATION 10P10C (RJ50)

Pin	Function
1	-
2	5 V
3	-
4	-
5	1 Up M1
6	-
7	-
8	1 Down M1
9	-
10	-

ACTUATOR ADAPTER CABLE LAYOUT



ACTUATOR ADAPTER CABLE DATA			C
Cable length	mm	150	
Cable diameter	mm	7.2	
Wires	AWG20 AWG24		