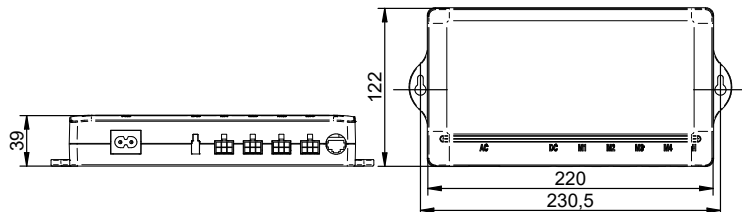


# DDLA-4 | ASYNCHRONOUS ACTUATOR CONTROL BOX



DRAWING  
(mm)



PHOTO



## MODEL NO. DESIGNATION

DDLA - Number of actuators

Example: DDLA-4

## ACCESSORIES



## ACTUATOR CONTROL BOX DATA

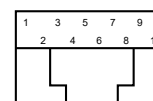
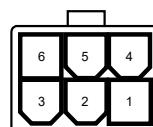
C

|                                    |                                                       |            |
|------------------------------------|-------------------------------------------------------|------------|
| Mode                               | Asynchronous                                          |            |
| Number of actuators                | 4                                                     |            |
| Compatible controller <sup>1</sup> | HDL-DDLA-4                                            |            |
| Compatible actuators <sup>2</sup>  | Transmotec linear actuators DLA series and DLB series |            |
| Output voltage                     | V                                                     | 24         |
| Output current                     | A                                                     | 2.4        |
| Overload protection current        | A                                                     | N/A        |
| Duty cycle <sup>3</sup>            | %                                                     | 10         |
| Input voltage range                | V                                                     | 100 to 240 |
| Input power frequency              | Hz                                                    | 50   60    |
| Power cable <sup>4</sup>           | IEC C7                                                |            |
| Power cable length                 | mm                                                    | 3000       |
| 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                                                 |            |

## PIN LAYOUT

Molex 45732-0001 Jack

10P10C (RJ50) Jack



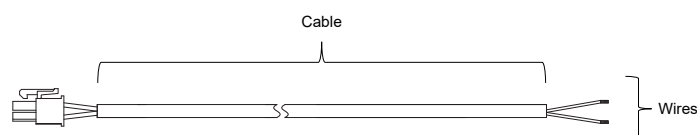
## PIN CONFIGURATION MOLEX 45732-0001

| PIN | FUNCTION |
|-----|----------|
| 1   | -        |
| 2   | -        |
| 3   | M-       |
| 4   | -        |
| 5   | -        |
| 6   | M+       |

## PIN CONFIGURATION 10P10C (RJ50)

| PIN | FUNCTION  |
|-----|-----------|
| 1   | 4 Up M4   |
| 2   | 5 V       |
| 3   | 3 Up M3   |
| 4   | 2 Up M2   |
| 5   | 1 Up M1   |
| 6   | 3 Down M3 |
| 7   | 2 Down M2 |
| 8   | 1 Down M1 |
| 9   | -         |
| 10  | 4 Down M4 |

## ACTUATOR ADAPTER CABLE LAYOUT



## OPERATION GUIDANCE ASYNCHRONOUS ACTUATOR CONTROL BOXES

1. Connect the actuator/s adapter cable between the control box and the actuator.
2. Press and continuously hold down the M button on the controller for actuator/s operation.
3. The actuator/s will stop at any position when the controller button is released.
4. The actuator/s will stop automatically by its internal limit switches at end position.
5. Simultaneous operation of several actuators is possible.

## NOTES

1. Sold separately. See [www.transmotec.com](http://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.

## ACTUATOR ADAPTER CABLE DATA

C

|                |       |     |
|----------------|-------|-----|
| Cable length   | mm    | 150 |
| Cable diameter | mm    | 5   |
| Wires          | AWG24 |     |