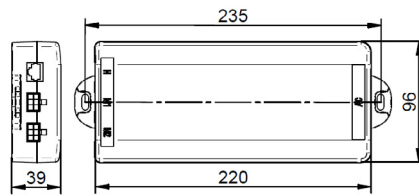


# DDLS-2 Synchronous actuator control box

## DRAWING (mm)



## PHOTO



## MODEL NO. DESIGNATION

DDL S = (S) Synchronous model

-

Number of actuator axis

Example: DDLS-2

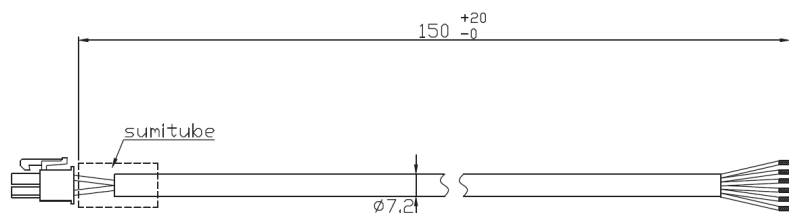
## OPTIONAL HAND CONTROL AVAILABLE



## GENERAL DATA

|                             |  |
|-----------------------------|--|
| Product name                | DDLS-2   |
| Mode                        | Synchronous  |
| Number of actuators         | 2  |
| Compatible hand control     | HDL-DDLS-2   |
| Compatible actuators        | DLA-DLB   HALL ( Standard version with flying wires leads. Adapter cable C-DDLS-M included ) |
| Output voltage              | 24 VDC   |
| Output current A            | 2.4  |
| Overload protection current | N/A  |
| Duty cycle                  | 10%. max. 2 min. continuous operation in 20 min  |
| Input voltage               | 100-240 VAC 50/60 Hz   |
| Power cables                | AC   IEC C7 3000 mm. Cables with EU and US plugs are included                                |
| CE Marking                  | Yes  |
| Ambient temperature deg. C  | +5°C ~ +40°C   |
| IP                          | IP20   |
| Weight Kg                   | 0.81   |
| Connector to hand control   | 10P10C (RJ50) Jack   |
| Connector to actuator       | Molex 45732-0001 Jack  |
| Body material/s             | ABS + Fireproof  |
| Color                       | Black  |

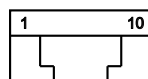
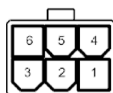
## DRAWING OF INCLUDED ACTUATOR ADAPTER CABLE (mm)



## CONNECTOR PIN LAYOUT

Molex 45732-0001 Jack

10P10C (RJ50) Jack



## OPERATION GUIDANCE SYNCHRONOUS CONTROL BOXES

Connect all actuators adapter cables between the control box and the actuator

All actuators must be connected to the control box for functional operation

Press and hold down both hand control buttons 3 seconds to start automatic calibration process

Press and continuously hold down the M button on the hand control for actuators operation

Actuators will have a few mm stopping distance

The actuators will stop automatically by its internal limit switches at end position

## CONNECTOR PIN CONFIGURATION

|    | Molex 45732-0001 | 10P10C (RJ50) |
|----|------------------|---------------|
| 1  | GND   White      |               |
| 2  | Vin   Yellow     | 5V            |
| 3  | M-   Black       |               |
| 4  | Hall 2   Green   |               |
| 5  | Hall 1   Blue    | 1 Up M1       |
| 6  | M+   Red         |               |
| 7  |                  |               |
| 8  |                  | 1 Down M1     |
| 9  |                  |               |
| 10 |                  |               |