



# Intelligent Shutter Safety

## technical data sheet



### Component

Electronic Control Unit (ECU)

### Description

The interface between user and Centadrive Unit (CDU), and powered directly from the vehicle's 24 volt battery, the ECU stores and controls features and functions relating to the action of the vehicle's rear shutter door. Parameters of both features and functions are adjustable via an integral key pad and LED display. Mounted at eye level within the vehicle's cargo area, either on a side wall or the bulkhead utilising the stainless steel mounting bracket supplied. Operation is via the integral key pad or one of two remote control key fobs supplied.

Consisting of a circuit board with a solid state processor housed within a plastic enclosure (rated to IP65), a power cable tag with heavy duty twist connector (rated to IP65), on/off switch (rated to IP65), a touch button membrane keypad (rated to IP65), LED display and 10 numbered sockets:

1. CDU motor
2. Reed Switch/Hall Sensor
3. In-cab audible alarm with LED & ignition wire tag (optional control buttons available)
4. PC connection
5. Free
6. Free
7. Free
8. Free
9. Free
10. Internal light (optional)

### Key Features & Functions

- Rated to IP65 - according to VDE 0470 / DIN 40050 / EN 60529
- CE marked
- Conforms to EC directive
- EMC compliant
- Maximum operating voltage @ 36 volts
- Maximum operating current @ 15 amps
- Soft start - soft stop door movement
- Over current protection (OCP) - auto stop & reverse if current limits exceeded
- Auto close on engine start
- Controls disabled when engine running
- Audible service & fault warning
- Self diagnostic software
- Data log - records all door movements, alarms & faults
- Programmable distance control (1mm tolerance)
- Programmable current limits
- Programmable internal light duration
- Programmable service interval/date display



*Fast, easy to fit,  
remote control unit,  
designed specifically  
for multi-drop  
delivery vehicles*

Note: Centadrive is subject to a continuous product improvement program and, as such, product design and specifications included in this publication are subject to change without prior notice.

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