



OSCULATI



NEWS MARCH  
**2026**

## EGIS – XD Relay

### Integrated battery distribution and control module

centralizes energy management by replacing multiple traditional devices.

### Automatic management of starting banks and services

coordinates charging and power supply while keeping circuits separate and protected.

### Remotely controllable relays

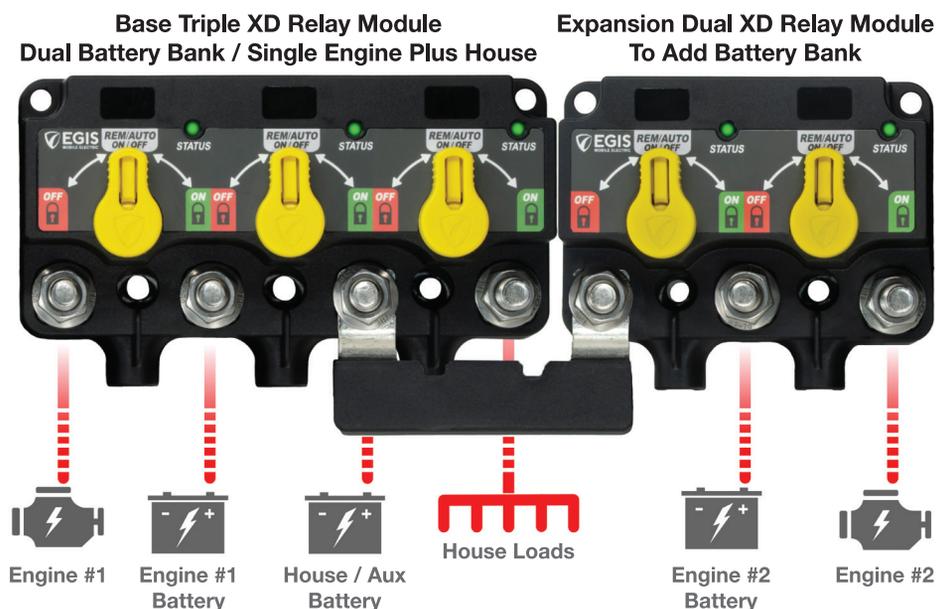
ON-OFF via switch or through MFD for the XD FLEX NMEA 2000 series.

### Reduction of components and power wiring

fewer connections, greater reliability, and a neater installation.

### Expandable modular architecture

adaptable to configurations with multiple engines, multiple batteries, and dedicated lines.



The image shows an example of a system with two motors, two dedicated starter batteries, and a service battery bank.

# XD Relay technical specifications



**35-75% Smaller**

**COMPACT FOOTPRINT**

XD relays offer a high nominal current in a more compact format compared to competing solutions, minimising the space required for installation.

**PROGRAMMABLE**

Via dip switches located under the protective cover. An easy-to-use configuration guide on the back makes customizing settings simple and fast for a wide variety of applications.




**SINGLE / DOUBLE / TRIPLE**

Available in single, double, or triple circuit configurations, with a wide variety of options: manual control, relay functions, ACR, or remote battery disconnection.



**MANUAL 3-POSITION SWITCH**

Allows each relay to be individually forced into the Open or Closed position and, optionally, to leave the knob in one of the two positions to lock the relay in the desired state.

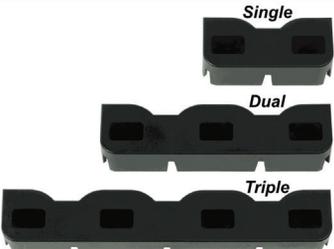
**CONNECTION BARS**

Save installation space by connecting XD relays together to gain even more functionality, thanks to our optional connection bars 14.890.01/02.



**LED STATUS DISPLAY**

Clearly visible front LED indicator that provides the visual status of the device; the remote LED replicates the local LED indicator on the device.

**PROTECTIVE COVER INCLUDED**

Protects pin terminals and cable ends from accidental short circuits among them or to ground.

**STAINLESS STEEL COMPONENTS**

Corrosion is not an issue thanks to high-quality stainless steel pins and self-locking flanged nuts.



**INTEGRATED VENT**

High-quality GORE-TEX® vent that regulates the internal pressure of the device to prevent moisture ingress through the seals and ensure long product life even in harsh environments.




**CABLES / CONNECTORS**

Flexible wiring options for installation, with tinned wires or with an optional Deutsch DTM-compatible connector, offering optimal sealed protection.



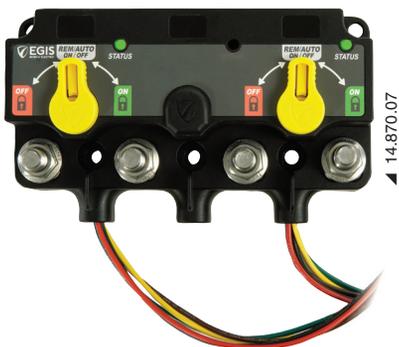
14.870.01  
-14.871.01



14.870.03/04/06  
-14.871.02/03



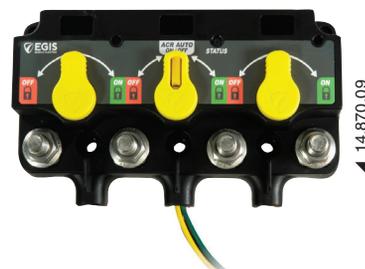
14.870.05



14.870.07



14.870.08  
-14.871.04



14.870.09

### EGIS XD Flex Battery Disconnect

The XD Flex series from Egis Mobile Electric is a modular platform for high-performance bistable battery disconnect relays, designed for applications with lead, AGM, GEL, LiFePO<sub>4</sub>, or hybrid lead/lithium systems. The range is optimized to handle both traditional voltage curves of lead batteries and the typical electrical behavior of lithium batteries, ensuring stable and reliable operation even with constant voltages and rapid load changes.

Available in configuration:

- Single;
- Double;
- Triple.

The devices may include:

- Remotely controllable relays;
- Mechanical relays (manual only);
- Combinations of the two types.

Each electronic relay can be configured as:

- Bistable battery disconnect relay: remote ON / OFF control via switch or control signal;
- Voltage sensitive relay (VSR / ACR): Fully automatic management of connecting and disconnecting batteries based on voltage levels.

Each XD Relay features:

- Manual selector ON / LOCK OFF to force the relay state;
- LED status indicator.

In VSR mode, the system automatically manages the relays without manual intervention, optimizing the charging and isolation of the batteries.

In relay mode, contacts can be controlled via external ON / OFF switches.

Mechanical relays operate exclusively in manual mode and do not include electronic logic or automatic management.

XD Flex models do not support NMEA 2000 integration or display on MFD.

| Code      | Setup           | Position in the system | Power supply VDC | Max capacity A     |                      |                        | Dimensions (HxWxD) mm | Use          |
|-----------|-----------------|------------------------|------------------|--------------------|----------------------|------------------------|-----------------------|--------------|
|           |                 |                        |                  | Continuous current | Intermittent current | Current peak (30 sec.) |                       |              |
| 14.870.01 | VSR             | Everywhere             | 8-36             | 500                | 700                  | 1500                   | 95x66x50              | Lead/AGM/Gel |
| 14.870.02 | Relay           | Everywhere             | 8-36             | 500                | 700                  | 1500                   | 95x66x50              | Lead/AGM/Gel |
| 14.870.03 | VSR/Relay       | Right of the triple    | 8-36             | 500                | 700                  | 1500                   | 95x115x51.8           | Lead/AGM/Gel |
| 14.870.04 | Relay/VSR       | Left of the triple     | 8-36             | 500                | 700                  | 1500                   | 95x115x51.8           | Lead/AGM/Gel |
| 14.870.05 | Relay/Relay     | Everywhere             | 8-36             | 500                | 700                  | 1500                   | 95x115x51.8           | Lead/AGM/Gel |
| 14.870.06 | VSR/Mech        | Right of the triple    | 8-36             | 500                | 700                  | 1500                   | 95x115x57.8           | Lead/AGM/Gel |
| 14.870.07 | 2-Pole Relay    | Everywhere             | 8-36             | 500                | 700                  | 1500                   | 95x164x51.8           | Lead/AGM/Gel |
| 14.870.08 | Relay/VSR/Relay | Everywhere             | 8-36             | 500                | 700                  | 1500                   | 95x164x51.8           | Lead/AGM/Gel |
| 14.870.09 | Mech/VSR/Mech   | Everywhere             | 8-36             | 500                | 700                  | 1500                   | 95x164x57.8           | Lead/AGM/Gel |
| 14.871.01 | VSR             | Everywhere             | 8-36             | 500                | 700                  | 1500                   | 95x66x50              | Lithium      |
| 14.871.02 | VSR/Relay       | Right of the triple    | 8-36             | 500                | 700                  | 1500                   | 95x115x51.8           | Lithium      |
| 14.871.03 | Relay/VSR       | Left of the triple     | 8-36             | 500                | 700                  | 1500                   | 95x115x51.8           | Lithium      |
| 14.871.04 | Relay/VSR/Relay | Everywhere             | 8-36             | 500                | 700                  | 1500                   | 95x164x51.8           | Lithium      |



- 14.890.01 Connection Bar for XD Relay
- 14.890.02 Connection bar for XD Relay with increased pitch
- 14.890.03 Connecting bar for XD Relay, L-shaped
- 14.890.04 Connecting bar for XD Relay, square shape



14.890.01



14.890.02



14.890.03



14.890.04

**EGIS XD NMEA 2000 Battery Disconnect**



The XD NMEA 2000 series from Egis Mobile Electric is a high-performance system consisting of bistable battery disconnect relays and voltage-sensitive relays (VSR / ACR), with integrated control and monitoring via the NMEA 2000 network. The devices are available in single, double, and triple configurations.

Dual devices available in one of the following configurations:

- Left relay / Right relay;
- Left relay / right VSR;
- Left VSR / Right Relay.

The configuration is factory-set and cannot be modified in the field.

Triple devices are available with a preset configuration (from left to right):

- Relay / VSR / Relay: Only the central position can be configured as a Relay or VSR.

In triple devices, the function of the central position is defined by the part number but can be modified in the field via DIP switch on the back of the device.

Configuration via DIP switches allows setting:

- NMEA 2000 network parameters (e.g., instance number, battery selection to monitor);
- VSR activation and deactivation voltage thresholds.

The operation is similar to other products in the XD series.

Each position can support:

- Battery disconnect relay;
- Voltage sensitive relay (VSR);
- Manual control ON / LOCK OFF;
- Local and remote LED status indication;
- Monitoring via NMEA 2000 network.

XD NMEA 2000 devices transmit directly on the network:

- Relay status;
- State of the manual override;
- Battery voltage.



| Code      | Setup           | Position in the system | Power supply V DC | Max capacity A     |                      |                        | Dimensions (HxWxD) mm | Use          |
|-----------|-----------------|------------------------|-------------------|--------------------|----------------------|------------------------|-----------------------|--------------|
|           |                 |                        |                   | Continuous current | Intermittent current | Current peak (30 sec.) |                       |              |
| 14.872.01 | VSR             | Everywhere             | 8-36              | 500                | 700                  | 1500                   | 95x66x50              | Lead/AGM/Gel |
| 14.872.02 | Relay           | Everywhere             | 8-36              | 500                | 700                  | 1500                   | 95x66x50              | Lead/AGM/Gel |
| 14.872.03 | VSR/Relay       | Right of the triple    | 8-36              | 500                | 700                  | 1500                   | 95x115x51.8           | Lead/AGM/Gel |
| 14.872.04 | Relay/VSR       | Left of the triple     | 8-36              | 500                | 700                  | 1500                   | 95x115x51.8           | Lead/AGM/Gel |
| 14.872.05 | Relay/Relay     | Everywhere             | 8-36              | 500                | 700                  | 1500                   | 95x115x51.8           | Lead/AGM/Gel |
| 14.872.06 | Relay/VSR/Relay | Everywhere             | 8-36              | 500                | 700                  | 1500                   | 95x164x51.8           | Lead/AGM/Gel |



- 14.890.01 Connection Bar for XD Relay
- 14.890.02 Connection bar for XD Relay with increased pitch
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**OSCULATI**



**Aldebaran Combo LED searchlight with console-operated joystick**

Body: diecast aluminium coated in white high-resistance and anti-corrosion resins. 100% watertight. 2-speed 355° horizontal rotation. 50° vertical rotation. Combo high-quality LED unit. 54W consumption corresponding to a traditional 100 W bulb.

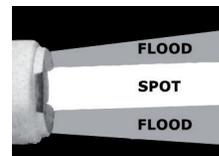
Version with powerful central 40+40 W-LED (replaceable in case of breakage).

Dual-function device **Spot** light with concentrated (20°) and **Flood** broad light (45°).

Protection against electronic interference.

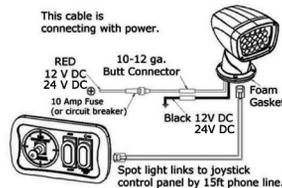
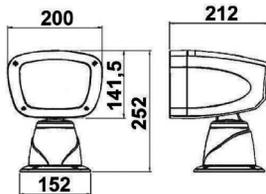
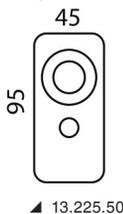
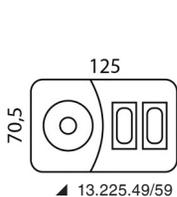
Headlights can be connected to 2 types of optional controls (independent or combined) for the desired configuration:

- 1) Console-operated joystick. 4.5-m cable included. Additional joystick controls to be installed via the 2-port cable 13.227.51.
- 2) Traditional remote control with bracket for dashboard installation. Range up to 40 m from the lighthouse.



| Code      | Lighthouse colour                                    | V  | CD candles* | W     | K    | lumen | Range 0.25 lux* | Joystick control INCLUDED or 2nd control | OPTIONAL wireless remote control | Connection cable for second joystick 4.5m | 10 m extension cable for Joystick |
|-----------|--|----|-------------|-------|------|-------|-----------------|--|----------------------------------|---|-----------------------------------|
|           |  |    |             |       |      |       |                 |  |                                  |   |                                   |
| 13.228.01 | <input type="checkbox"/> white                       | 12 | 200.000     | 40+40 | 6000 | 3000  | 895             | 13.225.49                                | 13.225.50                        | 13.227.51                                 | 13.225.31                         |
| 13.228.21 | <b>New</b> <input checked="" type="checkbox"/> Black | 12 | 200.000     | 40+40 | 6000 | 3000  | 895             | 13.225.59                                | 13.225.50                        | 13.227.51                                 | 13.225.31                         |
| 13.228.02 | <input type="checkbox"/> white                       | 24 | 200.000     | 40+40 | 6000 | 3000  | 895             | 13.225.49                                | 13.225.50                        | 13.227.51                                 | 13.225.31                         |
| 13.228.22 | <b>New</b> <input checked="" type="checkbox"/> Black | 24 | 200.000     | 40+40 | 6000 | 3000  | 895             | 13.225.59                                | 13.225.50                        | 13.227.51                                 | 13.225.31                         |

\* To be measured at the centre of the light beam.



**LED warning light**

**IP67**

It signals obstacles, signalling buoys, wharves, harbour entrances, etc. Fitted with seagull deterrent. Powered by lithium batteries charged via a mini solar panel.

The light comes with a bracket and clamp for 18/32-mm tubes; UV-, oil- and corrosion-resistant; CE type-approved.

Switching on:

- 1 - Automatic switch-on modes with flashing mode cycle (4 flashes in sequence x 52 cycles/minute).
- 2 - 30-m reach radio remote control.
- 3 - Manual.

Manually- or radio remote control-operated functions:

VERSION A

- White fixed light.
- White single FLASH.
- White flashing light (4 FLASHES in sequence)
- White SOS light.
- Off.

VERSION B

- White fixed light.
- White single FLASH.
- White flashing light (4 FLASHES in sequence)
- White SOS light.
- Fixed three-color light (white/red/green);
- Fixed red and green lights;
- Off.

Dimensions: 115x73 mm; weight: 225 gr + 120 gr (bracket).



| Code      | Light  | Version | Visibility in nautical miles |             | Battery life hours at 100% charge |       |             |
|-----------|--|---------|------------------------------|-------------|-----------------------------------|-------|-------------|
|           |  |         | Flash                        | Fixed Light | Flash                             | S.O.S | Fixed Light |
| 30.596.01 | <input type="checkbox"/> white                     | A       | 1.5                          | 2.0         | 300                               | 30    | 12          |
| 30.596.05 | <b>New</b> <input checked="" type="checkbox"/> RGW | B       | 3.4                          | 2.0         | 150                               | 30    | 12          |

**Removable tender chocks RAPID MARINE**

**MADE IN UK**

**UNIVERSAL**

Designed and manufactured in the United Kingdom, these self-adjusting universal mounts are handcrafted and designed to support most tenders up to 1000 kg; to be mounted on the swim platform, fly bridge or on the deck.

The kit includes two types of mounts for securing the chocks:

**Flush fittings:**

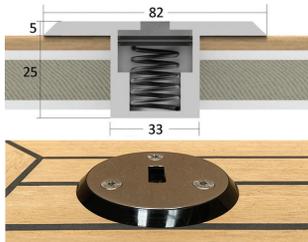
They are fully recessed and leave the swim platform completely smooth.

**Low-profile fittings:**

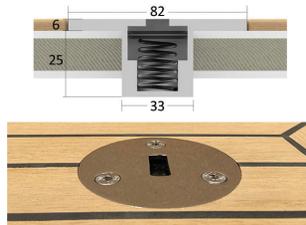
Leave a protrusion of 5 mm.

The kit (RMC500) includes: 2 universal chocks, 4 flush type fittings, 4 low profile fittings, and the fixing screws.

| Code      | Capacity kg | ↳ supports LxPxH mm | Padaye Anchoring Kit (optional) |
|-----------|-------------|---------------------|---------------------------------|
| 22.505.01 | 1.000       | 590x160x230         | 22.505.10; 22.505.11            |



Low Profile Version



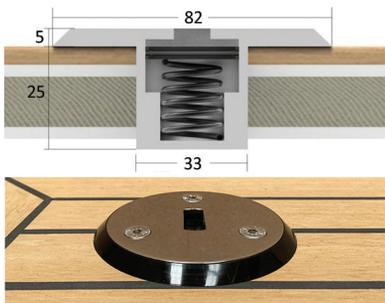
FLUSH Version



**Ratchet tie-down straps with quick recessed coupling RAPID MARINE**

Set of 3 straps with a 'T' end for quick attachment to specific pad-eyes.

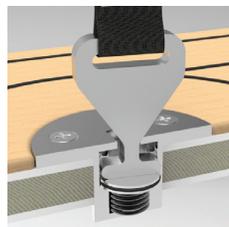
| Code      | Padeye type | Belt thickness mm | Up to kg | Belt length m |
|-----------|-------------|-------------------|----------|---------------|
| 22.505.10 | Flush       | 25                | 500      | 1.2           |
| 22.505.11 | Low profile | 25                | 500      | 1.2           |



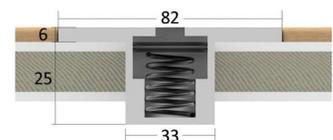
Low Profile Version



22.505.11



22.505.10



FLUSH Version



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[www.OSCULATI.com](http://www.OSCULATI.com)

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Reference 70.199.05EN



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