

*Quality products made in Norway for rough climatic situations*

# MOTOR DRIVE

May 2024

## MOTORDRIVE

### USAGE

EL-tjeneste AS has delivered motordrives since 1984, to many different countries and climate zones. They are design to be used on most switch types on the marked, and for power lines as well as railway. The standard motordrives is delivered complete and ready for use, except communication and RTU. All wiring is ready for easy installation of these devices. Communication can be done with radio, signal cables or GSM/GPRS. If needed the communication system can be used for smart grid monitoring of other functions nearby.

Operation can be done remotely or locally.

### GENERAL

Standard motordrives is made for supply voltage 230VAC or 110VDC/110VAC. Motordrives for 230VAC can be operated with 12V or 24V battery. All motordrives can also be operated manually.

They come complete with attachment for connection pipe and pole or wall attachment.

### CABINETS

Cabinets are made for outdoor use and consists of seawater-resistant aluminum.

They provide a good climate for electronic components, equipped with ventilation and heater, as well as being insulated and have drainage in the bottom.

### USE IN CORROSIVE ENVIROMENT

Special considerations must be taken when used in corrosive environment. Grease can prevent moisture between materials in connection points. See [www.el-tjeneste.no](http://www.el-tjeneste.no) for more information.










### INSTRUCTIONS AND DATASHEET

Mounting instructions and datasheet can be found on our webpage [www.el-tjeneste.no](http://www.el-tjeneste.no).

Each product has a label with a QR-code, this will lead to the product on the webpage.

### ALUMINIUM PRODUCTS USED IN POWER TRANSMISSION AND DISTRIBUTION

EL-tjeneste AS has delivered aluminum products since 1996, they a have well proven durability.

| El-no   | Name                                | Description   | Unit | Picture   |
|---------|-------------------------------------|---|------|---|
| 2836394 | Motordrive BL24-230-B-AL592         | Outdoor Motordrive for disconnecter / breaker.<br>With "quick connect" function, battery and battery charger.<br>250mm actuator movement.<br>121mm wide mounting plate for communication system.<br>Aluminium cabinet 500x920x250mm.                | PCS  |    |
| 2836393 | Motordrive BL-24-230-B-AL6093       | Outdoor Motordrive for disconnecter / breaker.<br>With "quick connect" function, battery and battery charger.<br>250mm actuator movement.<br>175mm wide mounting plate for communication system.<br>Aluminium cabinet 600x920x300mm.                | PCS  |    |
| 2836398 | Motordrive BL-24-230-FSB-AL6093     | Outdoor Motordrive for disconnecter / breaker.<br>With "quick connect" function, large battery mounting and battery charger.<br>250mm actuator movement.<br>175mm wide mounting plate for communication system.<br>Aluminium cabinet 600x920x300mm. | PCS  |    |
| 2836396 | Motordrive BL-24-230-J-IN-S-AL392   | Outdoor Motordrive for railway applications.<br>With 110VDC/230VAC - 24V power supply unit.<br>Downward movement for breaker connect.<br>Aluminium cabinet 370x920x300mm.   | PCS  |  |
| 2836397 | Motordrive BL24-230-J-IO-S-AL392    | Outdoor Motordrive for railway applications.<br>With 110VDC/230VAC - 24V power supply unit.<br>Upward movement for breaker connect.<br>Aluminium cabinet 370x920x300mm.   | PCS  |  |
| 2836392 | Motordrive BL-24-230-UB-AL592       | Outdoor Motordrive for disconnecter / breaker.<br>With "quick connect" function.<br>For external supplied 24VDC.<br>250mm actuator movement.<br>121mm wide mounting plate for communication system.<br>Aluminium cabinet 500x920x250mm.             | PCS  |  |
| 2836395 | Motordrive BLU24-110-230-S-IO-AL392 | Outdoor Motordrive for disconnecter / breaker.<br>With 110VDC/230VAC - 24V power supply unit.<br>Aluminium cabinet 370x920x300mm.   | PCS  |  |
| 2836497 | Mounting kit for HEB-pole - AL-HEB  | Kit for mounting Motordrive Aluminium cabinets onto a HEB-pole.<br>Adjustable for different pole sizes.   | PCS  |  |
| 2836403 | Throw over switch VSD               | Throw over switch for motordrive.<br>To turn the motordrive connection direction.   | PCS  |  |
| 2836402 | Wall bracket AL-VF                  | Wall bracket for our motordrive cabinet.<br>Fasteners included.   | PCS  |  |



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