SUBMONITOR CONNECT
THREE-PHASE PROTECTION

Franklin Electric’s SubMonitor Connect protects against adverse conditions such as low-flow wells, clogging, bound pumps, and power mishaps. Designed to protect three-phase motor and pump systems with ratings between 1 and 700 hp, SubMonitor Connect monitors current, voltage, and power all with the ease and convenience of Bluetooth connectivity.
SUBMONITOR CONNECT

FEATURES

- Three-phase protection (200 to 600 VAC)
- Real date- and time-stamped monitoring (100+ events fault, start, and change logs)
- FE Connect setup, monitoring, and logging
- NEMA 4X rated detachable remote display
- Universal power supply
- 50 to 60 Hz
- 0.1A to 1000A (external current transformers are required above 135A)
- Multiple language support
- Motor insulation check
- Power metering accurate to 1%
- PT100/PT1000 capable
- Password protected display

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
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<tbody>
<tr>
<td>SubMonitor Connect - Standard, 1-135A</td>
<td>5860015010</td>
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<td>SubMonitor Connect - Premium, 1-135A</td>
<td>5860005110</td>
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OPTIONS

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<th>Description</th>
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<tr>
<td>SubMonitor Connect Remote Display Assembly</td>
<td>5860015550</td>
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<td>Door Mounting Kit</td>
<td>5860015560</td>
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<td>External CTs, 120-270A</td>
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<td>External CTs, 200-400A</td>
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<tr>
<td>External CTs, 400-1000A</td>
<td>5860015590</td>
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SUBMONITOR CONNECT

Bluetooth connectivity is a feature of the SubMonitor Connect that enables a connection to be made with a single device (smartphone or tablet). The connection can be used to monitor overload characteristics, adjust advanced settings, and view or email fault history and configuration changes. The mobile app can be downloaded from the Apple App Store.

**MONITORING**

The monitoring page allows for real-time monitoring of the system, including:
- HOA Position
- Voltage
- Power
- Current

**SETUP**

Setup allows user to dial in motor protection features for any application, including:
- Trip Class
- Current Imbalance
- Over/Under Voltage
- Over/Under Power
- Fault vs. Alarm for Protection
- Manual vs. Auto Fault Reset
- Number of Reset Retries
- Reset Delay (Time)
- Input/Output Type
- Setup Wizard Streamlines Startup
- Save Common Configurations for Upload Later
- Upgrade Latest Firmware to Unit

**LOGS**

The logs page allows for the viewing and emailing of fault history and configuration changes.
- True date and time fault logging in XX/XX/XXXX format
- Full system status at time of fault
SUBMONITOR CONNECT

- 32 character back-lit LCD
- NEMA 4X rated detachable remote display
- Easy-access I/O terminals
- Modbus RTU communication protocol
- Universal power supply 200-600 V
- Motor insulation check
- Compact and stylish design
- FE Connect (Bluetooth)

NOTE: Product range is 0.1 to 1000A. External CTs required above 15A.