

SubDrive CONNECT

SUBDRIVE & MONODRIVE CONNECT

NEMA 3R ENCLOSURE

Easy installation for submersible and surface pumping applications | Easy-to-read LCD display for system pressure and fault identification | Wi-Fi and smartphone app for advanced monitoring | User-defined motor frequency range | Broken-pipe detection | User-defined underload sensitivity and off time | Moisture Sensor input | Built-in Duplex Alternator | Run and alarm relays | Auxiliary control input | UL and cUL listed

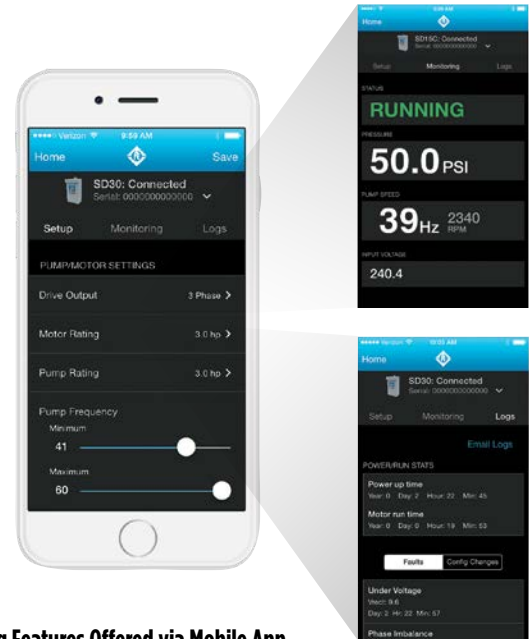




FE Connect

FE CONNECT MOBILE APP

Wi-Fi connectivity is a feature of the drive that enables a connection to be made with a single Wi-Fi device (smartphone or tablet). The connection can be used to monitor drive characteristics, adjust advanced settings, and view or email fault history and configuration changes. The mobile app can be downloaded from the Apple App Store or Google Play depending on the device being used.



MOBILE APP ENHANCED FEATURES

- Real-time System Monitoring (psi, Hz, amps, volts)
- Advanced Pressure Transducer Settings
- Drawdown/Cut-in Pressure
- Built-in Duplex Alternator
- Real-time Clock for Date and Time Stamps
- Improved Fault Log Download Speed

Surface Pumping Features Offered via Mobile App

- Exact Motor Overload Current Setting
- Customizable System Response
- Adjustable Prime Delay

CONTROLLER ENHANCED FEATURES

- Analog Pressure Transducer Input
- System Pressure Shown on Drive Display
- Moisture (Wet Floor) Sensor Input
- Traditional SubDrive Pressure Sensor Supported
- Auxiliary Control Input
- Run and Alarm Contacts (NO/NC)

ORDERING INFORMATION: SUBMERSIBLE APPLICATIONS

Drive Model	Order No.	Single-Phase (3-Wire)						Three-Phase				
		0.5 HP	0.75 HP	1.0 HP	1.5 HP	2.0 HP	3.0 HP	1.0 HP	1.5 HP	2.0 HP	3.0 HP	5.0 HP
MonoDrive	5870205003C	✓	✓	✓								
MonoDriveXT	5870205203C	✓	✓	✓	✓	✓						
SubDrive15	5870205103C	✓	✓	✓				✓	✓			
SubDrive20	5870205303C	✓	✓	✓	✓	✓		✓	✓	✓		
SubDrive30	5870205403C	✓	✓	✓	✓	✓		✓	✓	✓	✓	
SubDrive50	5870205503C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

NOTE: SubDrives can operate as MonoDrives. Drives can operate all motors up to their maximum output rating as shown in the table above.

ORDERING INFORMATION: SURFACE APPLICATIONS

Drive Model	Order No.	Max Current (A)	Motor Overload Current Settings for DIP Switches (A)							
			SW2-1 100%	SW2-2 95%	SW2-3 90%	SW2-4 85%	SW2-5 80%	SW2-6 70%	SW3-1 50%	SW3-2 40%
SubDrive15	5870205103C	5.9	5.9	5.6	5.3	5.0	4.7	4.1	2.9	2.3
SubDrive20	5870205303C	8.1	8.1	7.6	7.2	6.8	6.4	5.6	4.0	3.2
SubDrive30	5870205403C	10.9	10.9	10.3	9.8	9.2	5.9	5.9	5.9	5.9
SubDrive50	5870205503C	17.8	17.8	16.9	16.0	15.1	14.2	12.4	8.9	7.1

NOTE: Using the FE Connect mobile app, motor overload current can be set from 2.0 A up to max current rating of the drive model, in 0.1 A increments.