

SubDrive CONNECT

SUBDRIVE CONNECT

NEMA 3R ENCLOSURE

Easy installation | 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.



ENHANCED FEATURES: MOBILE APP

- 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 Applications

- Exact motor overload current setting
- Customizable system response
- Adjustable prime delay

ENHANCED FEATURES: CONTROLLER

- 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

ORDERING INFORMATION: SUBMERSIBLE APPLICATIONS

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

NOTE: 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