Service Bulletin

Bulletin No: SB-0025-19-339-FS Effective Date: 12-05-2019 Type: Information

Subject: Comparison of the flexSCADA Q5 and Q5Pro

Scope
This service bulletin compares the features of the flexSCADA Q5 and Q5Pro units.

Background
The flexSCADA Q-Line of devices offer varying levels of functionality, with selection between the two based on customer needs. While the units are made the same and physically look almost identical, there are differences between the Q5 and the Q5Pro that customers should be aware of prior to purchase.

Key functions shared by both the Q5 and Q5Pro

1. Multiple modes used through the analog inputs (Analog value, Dry Contact, Pulse Counter, Frequency Counter).
2. Universal relay load switches designed for unlimited switching cycles through the use of isolated solid-state switches.
3. Up to 10 Amps / 80 Volts rating on the standard ATO blade style switch relays.
4. A web-based Oscilloscope used to diagnose DC noise issues caused by MPPT and PWM charge controllers.
5. 24-bit operation, with the ability to sample up to 16K per second with average, maximum, minimum, ripple and RMS aggregation options.

Key functions specific to the Q5Pro
The Q5Pro is an upgraded version of the Q5, providing all functions of the Q5 plus the following additional features.

1. Digital Fusing on the relay switches. This allows the switch to be programmed with a current trip, trip delays, and automatic resets if required. Fuses can be set for fast or slow-blow, from .25A to 5A, and have a configurable retry period.
2. Digital current monitoring on the relay switches. This provides high accuracy (~2mA) precision current monitoring on each switch to view loads specific to the switch. Each switch is also isolated from one another, giving all eight (8) channels a 0-5A range.
3. Extended warranty period of 5 years (a standard Q5 warranty is only 3 years).

For more information please contact Mission Critical Energy at (716) 276-8465 or visit us at www.missioncriticalenergy.com.