EcoStruxure™

Foxboro™ DCS

Event (EVENT) Block

PSS 41S-3EVENT

Product Specification

April 2019

Schneider Electric™

www.schneider-electric.com

Legal Information

Overview

The EVENT block records up to 128 digital event sequences for reporting plant operating conditions or changes.

The EVENT block supports EcoStruxure™ Foxboro™ DCS Sequence of Events (SOE) recording executing in a digital-type Foxboro DCS Fieldbus Module (FBM). The FBM detects positive and/or negative events (user configurable) on up to 32 inputs. Each event is timestamped with a 1 msec resolution. Concurrent events are timestamped with up to a 1-3 ms time difference, depending upon your configuration. For more information, refer to the section on “Timestamp Accuracy and Precision of SOE Data” in *Time Synchronization User's Guide* (B0700AQ).

Events are stored in a 128-event circular queue.

The block periodically scans the FBM and reads the present digital-type input state and the event queue. If the event queue is non-zero, then events have occurred since the last EVENT block scan of the FBM.

The EVENT block then reads the time-stamped events stored in the FBM event queue. For each time-stamped event read, the EVENT block outputs a user-specified message.

Standard Features

- Manual/Auto mode for disconnecting control schemes from the process on a per-point basis
- Bad input point detection and handling on a per-point basis
- Last good value retention
- User specified point description and fail text for each event message
- Up to 128 events per queue
- Priority and group on a per-EVENT block basis

Option

- Point inversion on a per-point basis

WARNING: This product can expose you to chemicals including lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.p65warnings.ca.gov/.

Schneider Electric Systems USA, Inc.
38 Neponset Avenue
Foxborough, Massachusetts 02035–2037
United States of America

Global Customer Support: https://pasupport.schneider-electric.com

As standards, specifications, and design change from time to time, please ask for confirmation of the information given in this publication.

PSS 41S-3EVENT, Rev A