

Event (EVENT) Block

PSS 41S-3EVENT

Product Specification

April 2019



# Legal Information

Schneider Electric, EcoStruxure, Foxboro, I/A Series, and Triconex are trademarks and the property of Schneider Electric SE, its subsidiaries and affiliated companies. All other trademarks are the property of their respective owners.

This guide and its content are protected under applicable copyright laws and furnished for informational use only. No part of this guide may be reproduced or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), for any purpose, without the prior written permission of Schneider Electric. Schneider Electric does not grant any right or license for commercial use of the guide or its content, except for a nonexclusive and personal license to consult it on an "as is" basis.

Schneider Electric products and equipment should be installed, operated, serviced, and maintained only by qualified personnel.

As standards, specifications, and designs change from time to time, information contained in this guide may be subject to change without notice.

To the extent permitted by applicable law, no responsibility or liability is assumed by Schneider Electric and its subsidiaries for any errors or omissions in the informational content of this material or consequences arising out of or resulting from the use of the information contained herein.

# 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/](http://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.

© 2014–2019 Schneider Electric. All rights reserved.

PSS 41S-3EVENT, Rev A