



PLUS+1 Inputs Function Block Library

70026746v401

Revision History

This file contains important supplementary and late-breaking information that may not appear in the main product documentation. We recommend that you read this file in its entirety.

Version 4.01 (February 2019)

What is Included

- PLUS+1 GUIDE® Function Blocks (In SDL)
- User Manual (In SDL)
- Service Tool Log Screens

What is New

- Added existing service screens to the library structure.
- Changed font used in service screens from Tahoma to Verdana.

Known issues

- None

Minimum Requirements

- PLUS+1 GUIDE 10.1 or greater
- PLUS+1 Service Tool 10.1 or greater

Version 4.00 (June 2016)

What is Included

- PLUS+1 GUIDE® Function Blocks (In SDL)
- User Manual (In SDL)
- Service Tool Log Screens

What is New

- Support for Professional Licensing.

Known issues

- None

Minimum Requirements

- PLUS+1 GUIDE 8.1 or greater

Version 3.00 (January 2016)

What is Included

- PLUS+1 GUIDE® Function Blocks (In SDL)
- User Manual (In SDL)
- Service Tool Log Screens

What is New

This library is a replacement for the input functions found SD Basic FB Library (PN: 10103408).

- Companion service tool screens that can be imported to P1D files.
- Embedded checkpoints and namespace for each function block to support service tool integration.
- IO bus for alternative connectivity to your application.
- Requires specific data types for all inputs.
- Connection errors now indicate (by page name) which input has a problem.
 - FNR_Direction
 - Direction now will not change unless feedback is zero while both Fwd Sw and Rvs Sw are false.
 - Multi_Dig_In
 - Added 10% Grd Bnd hysteresis in Select mode
 - Sensor_2Pt_AC
 - Added Return To Neutral Configuration
 - Added GndDetVolt signal to adjust threshold for grounded input detection
 - Sensor_2Pt_AC
 - Added Return To Neutral Configuration
 - Added GndDetVolt signal to adjust threshold for grounded input detection
 - Freq_to_RPM
 - Updated rounding divide function within the block.
 - Freq_to_Speed
 - Changed Puls/Rev limit to 1 - 50000.

Known issues

- None

Minimum Requirements

- PLUS+1 GUIDE 6.1 or greater

Support

Web

<https://www.danfoss.com/en/products/software/dps/plus1-software-services-support-and-training/plus1-support-and-services/>

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