



S3C Display Module

Quick Reference Guide

SD-436 / 82017

Display v. A



The Sporlan **S3C Display Module (DM)** should be installed only by a qualified professional. All other system components should be supplied by Sporlan to ensure compatibility and proper operation. The S3C DM works with Sporlan S3C series controllers.



Use caution when working around high voltage components. Safety covers should be used for personal safety on high voltage panels.

1. INSTALLATION

The display must be mounted in a dry indoor location.

- Using the dimensions in Figure 1, carefully remove the square cut out location on the case bulkhead for the DM. Ensure that the back of the DM is not located in the conditioned space of the refrigerated case.
- Slide the DM through the cut out and install the two installation clips (provided). Tighten until the spring clips are compressed. See Figure 2.

- With power off, wire the DM to the S3C Case Control using the wiring diagram shown in Figure 3. **Maximum torque on screw terminals is 3.5 in-lbs.**

NOTE: Use 2/22 shielded twisted pair; Belden 8723 or equivalent. Attach one end of shield to earth ground. Wire designations are located on the backside of the DM. Ensure that all wiring is properly fastened and away from sharp edges or moving objects. Do not route DM wiring in the same conduit as 120VAC or greater.

- For system set up, follow the instructions that are shipped with the S3C Case Control or reference Bulletin 100-50-9.1. Scan QR code below.

Figure 1 - Knock-out for DM (Inches)

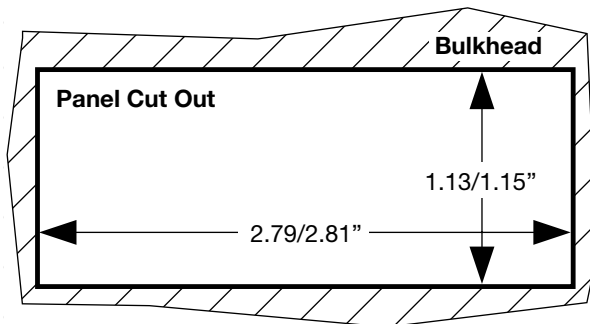
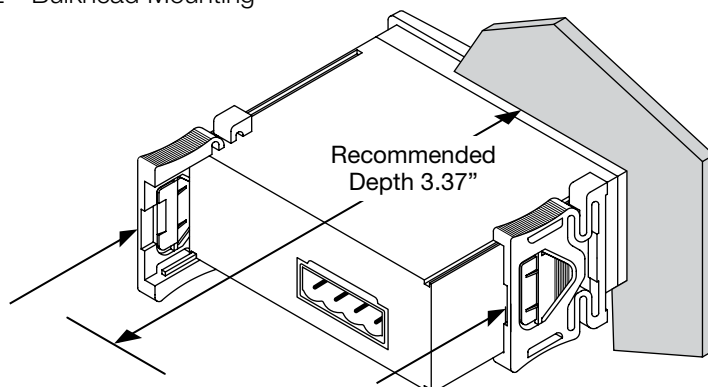


Figure 2 - Bulkhead Mounting



**Sporlan S3C Case Control
Installation and Operation Manual**



For detailed instructions, scan this QR code or go to www.sporlanonline.com/electronic-controls and download Bulletin 100-50-9.1

Figure 3 - Wiring Diagram



Diagram for reference only. Refer to input/output electrical ratings for all external connections. For safety information, see the Safety Guide at www.parker.com/safety or call 1-800-CPARKER.



Note: Use caution when working around high voltage components.

Visit www.sporlanonline.com for details on other Sporlan products such as sensors, transducers, and valves.

⚠ WARNING – USER RESPONSIBILITY

Failure or improper selection or improper use of the products described herein or related items can cause death, personal injury and property damage.

This document and other information from Parker Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.

The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.

To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.



Parker Hannifin Corporation

Sporlan Division

206 Lange Drive • Washington, MO 63090 USA

phone 636 239 1111 • fax 636 239 9130

www.sporlan.com