



# 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)

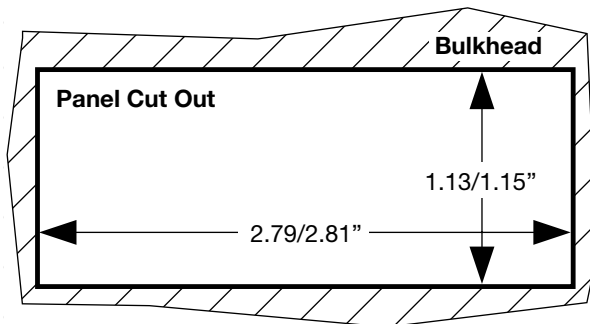
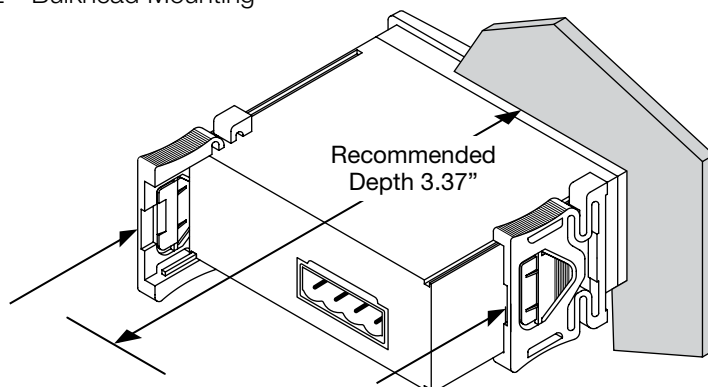


Figure 2 - Bulkhead Mounting



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



For detailed instructions, scan this QR code or go to [www.sporlanonline.com/electronic-controls](http://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](http://www.parker.com/safety) or call 1-800-CPARKER.



**Note: Use caution when working around high voltage components.**

Visit [www.sporlanonline.com](http://www.sporlanonline.com) for details on other Sporlan products such as sensors, transducers, and valves.

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