

COS Crossover Switch Specification

A self contained crossover switch designed to be used with carbon dioxide and muriatic acid feeds systems. The switch shall be capable of power up to 115 VAC, at up to 15 amps. The crossover switch shall have the ability to switch between carbon dioxide and muriatic acid feed without unplugging feeders. The crossover switch shall be a COS by AquatiControl Technology, Sheridan, Colorado.

Requests for application type and/or substitutions for make and model will have to be submitted to the specifying agent no less than 14 calendar days prior to bid date. Requests for application type must include all specified features; complete documentation relating to all the specified features; and engineering drawings, installation, operation, and maintenance manuals. Failure to provide these or any other information necessary to confirm that all specified features are provided will be cause for rejection of substitution request.

COS

Housing and Mounting

The COS shall be made of a custom thermally formed plastic. The enclosure shall be mounted using the four mounting holes located on the top and bottom flanges of the enclosure. For user ease, the COS should be mounted near eye level with solid mounting. The COS shall be factory wired and tested for functionality.

Outputs

The COS shall have 2 grounded outlets that will be individually powered according to switch direction. Outlets shall be rated at whatever voltage the COS is plugged into.

Power

The COS shall be provided with a three foot, three wire power cord, 16 AWG.

Ambient Conditions

The COS shall work in ambient conditions of 0 to 60°C.

Warranty

Warranty shall be one year on parts and labor.

