CS-SA Series • 'Super Analog' Time Fade Stations
Specifications

1.0 Super Analog - GENERAL

1.1 Stations shall be available in single, three, six, nine or twelve channel configurations along with two or three button entrance stations. Backward compatible with all Johnson Systems CS-2900 Series controls.

1.2 Control stations shall require flush mounted masonry type back boxes. Such boxes should have a minimum depth of 2.00" and must be grounded (earthed) in accordance with local wiring practice to facilitate a direct discharge path to ground for static electricity. MBD 3" depth back boxes are preferable where possible.

1.3 A series of color matched adapter plates shall permit the adaptation of any Super Analog Series control station into any larger standard multi-gang back box up to 6 gangs.

1.4 Control station pushbutton switch caps shall be available in either black or white with integral blue LED indicators. These caps shall be clearly identified for pushbutton function. LED intensity shall be adjustable through the full range of operation.

1.5 Stations shall operate from a 10.6 - 18VDC regulated supply.

1.6 Programmable fade-times from 0 to 60 seconds between station function/preset buttons.

1.7 Control station drive capability shall be 50 mA minimum. Stations shall employ both short circuit current limit detection and output overload shutdown with automatic recovery and indication. 100mA short-circuit limit, 0.6W power dissipation with thermal shutoff.

1.8 Local and remote lockout modes with indication permit remote/entrance station lockout.

1.9 The control station shall be fastened by means of flush mounting 6-32 machine screws. The use of adhesives, magnets, setscrews or tension shall not be considered acceptable for long-term faceplate retention.

1.10 Station faceplates shall be fabricated from 0.80" aluminum and shall be supplied in black or white powder coat finish.

1.11 Control stations shall employ heavy-duty pushbutton switches, rated at five (5) million operations minimum.

1.12 Control stations shall employ metal shaft sliders with a total travel of 45mm (1.75") and black slider knobs. The use of plastic shaft sliders shall not be considered acceptable for resistance to breakage and station longevity.

1.13 All control wire terminations shall be via a premium quality "break-away" style screw terminal plug and socket to facilitate ease of station removal while maintaining continuity of power and "take control" to other room stations. For ease of serviceability, it shall be possible to remove any station PCB individually without the need to disconnect any terminated wiring.

1.14 All control station channels shall have an output diode to protect against feedback voltage.

1.15 All control stations shall employ "auto-resetting" fuse protection on their DC power inputs for protection against voltage spikes.

1.16 Circuit board copper plating shall be 1.5 oz. minimum. Circuit board material shall be glass-epoxy with a flame retardant rating of FR-4, 0.062" thickness. All circuit boards shall be solder masked and silk screened with component legends.

Specifications subject to change without notice.

JOHNSON SYSTEMS INC.
1923 Highfield Cres. S.E., Calgary, Alberta T2G 5M1 Canada
Phone: (403) 287-8003 • Fax: (403) 287-9003

info@johnsonsystems.com

Copyright © 2024, Johnson Systems Inc., All Rights Reserved

JavaScript DHTML Drop Down Menu By Milonic