PRODUCT SPECIFICATIONS

Sequence® Seating

Power & USB Components

June 2017

TECHNICAL SPECIFICATIONS

Power & USB Module and Distribution System

Product is designed to bring power and USB from the building power source to a position directly below the seat height and between two seats to accommodate the requirements of computers, tablets and phones in a temporary use situation. The module does not extend beyond the front of the seats nor interfere with the operation of the tablet arm, or cleaning of the floor. All wires are concealed and enclosed in a plastic wireway. The power & USB system is available for use with the G2, standard size K2, and HD tablet arm ONLY. All chair styles available on Sequence Seating are available with power & USB.

Power & USB Module

The power and USB module is 5.92" tall by 5.08" deep by 1.80" wide. The module is constructed of molded plastic and steel with a smooth finish, meeting UL-94-VO minimum requirements. The module has two 15 amp simplex receptacles and two 2.1 amp USB ports. The unit will mount to the steel beam with steel straps using two screws. The module will attach and provide support for the wireway. The module is available in Black only.

Wireway

The wireway is constructed of extruded rigid PVC approximately .075" thick by $2\frac{1}{8}$" wide by $3\frac{1}{2}$" tall, meeting UL 94-VO minimum. The interior area of wireway will be approximately 6.6 cubic inches. Each end of the wireway will either be supported by a module or contained by 16-gauge steel brackets. These support brackets will also secure a molded polypropylene bellows, which bridges the gap between wireway units. The flexible center to the bellows allows for assembly to straight and radius seating layouts. The wireway is available in Black only.

810 8-Wire Electrical Harness

The 810 8-wire distribution harness of flexible conduit distributes power between the power & USB modules as well as accept a power infeed harness. Each infeed harness and module consists of a single housing on one end and the jumper harness consist of a single housing on both ends. A four-way connector (quad block) is used to connect the infeed, jumper harness and module. The harness(s) will be enclosed in an extruded plastic wireway.

Power Infeed

The 810 8-wire power infeed consists of four 12-gauge hot wires, two 12-gauge ground wires, and two 12-gauge neutral wires encased in liquid-tight conduit which is hard-wired to the building power source. The infeed enters the wireway through a 16-gauge steel end cover at either end. Power is fed into the end cover through a $\frac{1}{2}$" 90° elbow being fed by $\frac{1}{2}$" liquid-tight conduit. The wire whip is supplied with 24" of liquid-tight conduit and a 6" lead of wire. It is recommended that the power source be located below the beam, within (+/-) 6" from the center, between the first and second seat in the row on the end which the infeed is located.

Retrofit of Power & USB

The Power & USB system may be retrofitted to Sequence Seating product shipped after June, 2003 provided that the space-planning and tablet-arm guidelines have been met.

Compliance

Sequence Seating is "UL Classified for Electrical Hazards Only" in the Commercial Seating category per UL 1286.

1330 Bellevue Street • P.O. Box 8100 • Green Bay, WI 54308-8100 • 1-800-424-2432 • www.ki.com

© 2017 Krueger International, Inc. All Rights Reserved • Code KI-TS-000025/KI/PDF/0617

Furnishing Knowledge®