

Facilities Standards & Guidelines

C.63 Controlled Receptacles

Revision 0

Issue Date: 04/23/2024

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Section 1 – Summary

- 1.1 The purpose of the controlled receptacles standard is to formalize BAE’s preference to meet the receptacle requirements outlined in IEC C406.10.
- 1.2 IEC C406.10 states at least 50% of all 120V, 15/20A, receptacles in office space be controlled by occupancy sensors or timers. This includes receptacles in modular workstations.

Section 2 – Specific Design Requirements

2.1 General

- 2.1.1.1 IEC allows duplex receptacles to be split with one outlet being controlled and the other not. This adds complexity to wiring, labeling, and usability and should be avoided when possible.
- 2.1.1.2 Quadruplex receptacles can be split so that two of the receptacles are controlled and the other two uncontrolled.
- 2.1.1.3 Occupancy sensors should be used for controlling the receptacle. In certain cases, timer controls can be used, but timers should be approved on a case-by-case basis.

2.2 Receptacles

- 2.2.1.1 For modular workstation receptacles TS7xSSX should be used, with titanium finish (6625), and stamped as controlled. The 4th digit ‘x’ is the circuit designation dots on the receptacle faceplate and should be coordinated for each modular installation. Modular workstations use a 3+1 wiring, and the control wiring can be used on any of the 4 circuits. Depending on the number of receptacles multiple circuits may need to be controlled.
- 2.2.1.2 Receptacles that are not installed in modular furniture can be specified as any other receptacle to match the finish and requirements of the space. They should be field labeled as controlled or stamped to designate their intended use.

Supplemental Document Information

The following resource documents should be referenced for execution of the standards and guidelines described above.

Document Number	Document Title

Revision Log

Revision	Release Date	Description of Changes
0	04/23/2024	Initial Release