

Canada Secondary Distribution Box Sockets



Article Overview

Canada uses Type A and Type B sockets in secondary distribution boxes, rated at 120 V, 60 Hz, with grounding options for safe device connection.

Socket Types and Specifications

In Canada, the standard sockets installed in secondary distribution boxes are Type A (NEMA 1-15) and Type B (NEMA 5-15) .

- Type A: Ungrounded, two flat parallel prongs, rated at 15 A, 120 V. The blades are polarized, with the neutral blade wider than the hot blade, ensuring correct orientation .
- Type B: Grounded, two flat parallel prongs plus a round or U-shaped earth pin, also rated at 15 A, 120 V. The grounding pin is slightly longer than the flat blades to connect first for safety . Both types are compatible with North American plugs, and Type A plugs can fit into Type B sockets, but not vice versa.

Mounting and Distribution Box Integration

Canadian sockets are designed to fit standard wall boxes:

- 2x4 wall boxes: Require specific frames and wall plates for proper installation .
- 4x4 wall boxes: Also supported with modular frames and plates.
- European wall boxes: Some Type A/B outlets can be mounted on 121 mm center...

Article Content

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ES54 S0-04: Secondary Services General Notes (Issued December

Following is a summary of typical BC Hydro secondary voltage customer services. This is the most common type of secondary

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Secondary Distribution Boxes

Modular zone distribution system for raised floors, improving cable management and installation.

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Types Of Electric Sockets And Plugs In Canada | Panel Upgrade Experts

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AMERICAN CANADA OUTLET SOCKET, UL, CSA NEMA * Complete range of modular devices and mounting component options.

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Adv. No. 2018-036 R0 File: 1615.0

BC Hydro Distribution Standards cooperated with several equipment manufacturers to develop new standard and fulfill demand for

Jan 29, 2026

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Microsoft Word

Utility owned equipment does not comply with the definition of service box as per the Canadian Electrical Code. Therefore, a service

Jun 28, 2026

BC Hydro List of accepted meter sockets (Issued June 1, 2026)

Meter socket evaluation by BC Hydro If manufacturers would like BC Hydro to evaluate the transformer rated, multiple main, or self

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CANADA OUTLET SOCKET, UL, CSA

* Surface mount boxes, Flush mount boxes, IP66 / IP55 Enclosures & GFCI / RCD European / International power outlets available. *

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Electrical Boxes and Connectors

Electrical outlet boxes are available with metal or plastic housings, and it is crucial to choose the proper material for their specific

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Electric plug and socket type in Canada | Adapter or

European plugs are not compatible with Canadian electrical sockets. You will need a plug adapter or

May 13, 2026

Square D Meter Centres | Schneider Electric Canada

Square D Meter Centres are designed to provide a compact and versatile metering and distribution centre

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Customer Metering and Services Guide

Metering Services Provider – Owns and maintains the revenue meters on the distribution system. Meter-Mounted Transfer Switch –

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Universal Enclosures

Choose one of the following: Boxes for complementary control or distribution panels. Wall-mounting

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Catalogues by | Schneider Electric Canada

Easily find the nearest Schneider Electric distributor in your location. Find support resources for all your needs, in one place.

Feb 26, 2026

Information Bulletin 2025-003: Revised ES54 S0-04 Secondary

This is a relatively common type of hot-style secondary underground service for residential and small commercial services and

Sep 25, 2025

Plugging In: A Canadian Guide to Electrical Outlets in

Discover everything you need to know about electrical outlets in Canada. Our guide covers

May 06, 2026

In Canada, are we allowed to have 240V and 120V outlets in the same box?

I don't see why not. You can't put low voltage and line voltage in the same box, but in your case, both would be line

Contact Us

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