

NEW ELECTRICAL COLOUR CODE

in Trinidad & Tobago

The Amendment 1 (2007) of the Trinidad and Tobago Electrical Wiring Code: Part 1: Low Voltage Installations (TTS 171: Part 1: 2002) on colour coding of fixed wiring in electrical installations may be used from 1st July 2007. The amendment is mandatory as from 1st January 2008.

Amendment 1 (2007) specifies the new colour code for the identification of conductors in electrical installations in Trinidad and Tobago.

Full details of this Amendment can be downloaded free of charge from www.ttbs.org.tt and www.ttconnect.gov.tt.

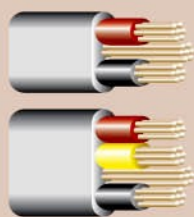
The new colour code is summarized below.

Single-phase installations

- The fixed installation colours of red and black are replaced by the new colours of **brown** and **blue**.
- For 2-core cables, identify the neutral as **grey**.
- **Caution:** Black is now a live conductor.
- The ground conductor shall be identified by either green or green with yellow stripes.

Old (Existing) Colours

Cannot be used after 31st December 2007

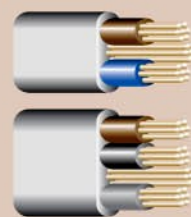


Twin Flat (ECC)

Triple Flat (ECC)

New Colours

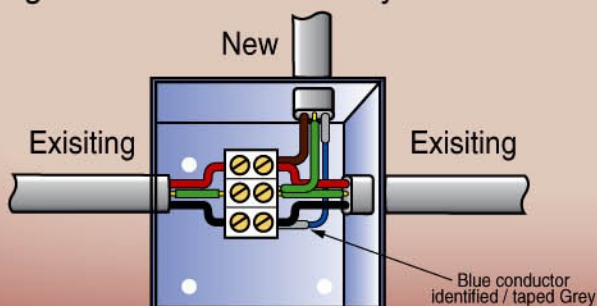
Can be used from 1st July 2007



Extensions or alterations to existing single phase installations

Alterations or additions to a single phase installation do not require marking at the interface between old and new cables providing that the conductors are correctly identified according to the requirements of Amendment 1 (2007) of TTS 171 : Part 1 : 2002.

A warning notice will be affixed by the Electrical Inspectorate Division.



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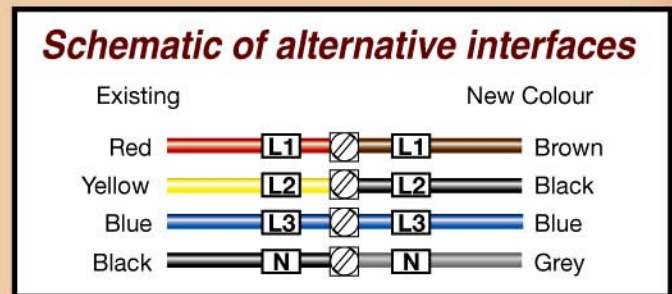
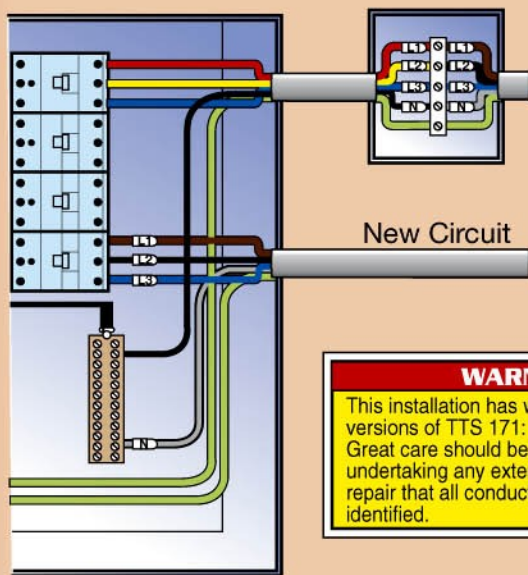
Three-phase installations

- For three-phase systems, the new phase colours are **brown, black** and **blue**, with a **grey** as neutral, which replaces the old phase colours of red, yellow and blue with a black neutral, as stated in Amendment 1 (2007).
- The ground conductor shall be identified by either green or green with yellow stripes.



Extensions or alterations to existing three phase installations

- Alterations or additions to a three phase installation do not require marking at the interface between old and new cables providing that the conductors are correctly identified according to the requirements of Amendment 1 (2007) of TTS 171 : Part 1 : 2002.
- A notice will be affixed by the Electrical Inspectorate Division.



WARNING
This installation has wiring colours to two versions of TTS 171: PART I : 2002. Great care should be taken before undertaking any extension, alteration or repair that all conductors are correctly identified.

CAUTION
BLACK IS NOW A LIVE CONDUCTOR

Implementation of Amendment 1 (2007)

- Electrical installations presently being conducted in Trinidad and Tobago and up to the 31st December 2007 shall comply with the new colour code or with the old colour code, but not both.
- Work commencing from January 1st 2008 will be required to comply with the new colour code specified in Amendment 1 (2007) and must not use the old colours.

Diagrams are for illustration purposes only

Ministry of
Public Utilities
and the
Environment

