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**APPLICATION**

- **CIRCUITS:**
  - S: Single Circuit

- **VOLTAGE:**
  - 6: 66kV
  - 1: 132kV

- **TYPE:**
  - C: Concrete

**ABS CONFIGURATION**

- H: Horizontal (Flat)
- V: Vertical

**ABS TYPE**

- A: ABS Double Break Switch

**EARTH SWITCH**

- O: No Earth Switch
- E: With Earth Switch

---

**FULL STRUCTURE LIST**

**Single Circuit**

- S: Horizontal Double Break ABS Without Earth Switch
- H: Horizontal Double Break ABS With Earth Switch
- A: 1

---

**OVERHEAD SUB-TRANSMISSION SWITCHEs**

**SINGLE CIRCUIT ABS CONSTRUCTION CODE GUIDE**

**ABS CONSTRUCTION CODES**

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Ergon Energy Corporation Ltd
ABN 50 087 646 062

Approved:
P DE SOUSA ROQUE

Checked:
R MARGANI

Drawn:
A JONES

SUPERSEDES:

12-1-2-1
OVERHEAD SUB-TRANSMISSION
SWITCHES
66kV HORIZONTAL DOUBLE BREAK ABS
COMBINED CONSTRUCTION

DRAWING NUMBER: 5-12-3-1

VOLUME | FOLDER | PAGE | ISSUE
-------|--------|------|-------
5      | 12     | 3-1  | 0C    

Pole & Hardware Construction Code
C6SHSA3BL/R
C6SHZA3BL/R

ABS Construction Code
C6SHA1O
C6SHA1E

C6SHA1O
C6SHA1E
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Note: Conductor constructions and foundation constructions not included in the above.

OVERHEAD SUB-TRANSMISSION
SWITCHES
66kV HORIZONTAL DOUBLE BREAK ABS
MATERIAL LIST - 14 x 30kN POLE

Approved: P DE SOUSA ROQUE
Date: 19/09/2013
Checked: R MARGANI
Drawn: A JONES

OVERHEAD SUB-TRANSMISSION
SWITCHES
66kV HORIZONTAL DOUBLE BREAK ABS
MATERIAL LIST - 14 x 30kN POLE

Ergon Energy Corporation Ltd
ABN 50 087 646 062

HARD COPY
UNCONTROLLED

SUPERSEDES: 5-12-4-1

DRAWING NUMBER: 5-12-4-1
VOLUME  FOLDER  PAGE  ISSUE
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Refer to Earthing Folder for Pole Earthing Constructions

Refer to Foundations Folder for Pole Foundation Constructions

Notes:
1. ABS structure and handle to be earthed to concrete pole, max resistance 10ohms
2. Refer to Earthing Folder for Pole Earthing Constructions
3. Refer to Foundations Folder for Pole Foundation Constructions
4. Structure contains provision for earth switch

Refer to Conductor Hardware Folder for Conductor & Vibration Damper Constructions

Refer 5-12-5-2 for ABS Details

Construction Code
C6SHSA3BL/R
C6SHZA3BL/R

OVERHEAD SUB-TRANSMISSION SWITCHES
66kV HORIZONTAL DOUBLE BREAK ABS
14m x 30kN POLE CONSTRUCTION

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Ergon Energy Corporation Ltd
ASG 50 087 646 062

Approved
C NOEL
Date
14/07/2017
Checked
R MARGANI
Drawn
A JONES

SUPERSEDES:

DRAWING NUMBER: 5-12-4-2

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Note: Conductor constructions and foundation constructions not included in the above.

OVERHEAD SUB-TRANSMISSION SWITCHES
66kV HORIZONTAL DOUBLE BREAK ABS
MATERIAL LIST - SWITCH

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Ergon Energy Corporation Ltd
ABN 50 087 646 062

HARD COPY UNCONTROLLED

Approved
P DE SOUSA ROQUE

Date
11/04/2016

Checked
R MARGANI

Drawn
A JONES
Refer to Conductor Hardware Folder for Conductor & Vibration Damper Constructions

Notes:
1. ABS structure and handle to be earthed to concrete pole, max resistance 10ohms
2. Refer to Earthing Folder for Pole Earthing Constructions
3. Refer to Foundations Folder for Pole Foundation Constructions
4. Structure contains provision for earth switch

Construction Code
C6SHA1E

OVERHEAD SUB-TRANSMISSION SWITCHES
66kV HORIZONTAL DOUBLE BREAK ABS WITH EARTH SWITCH - CONSTRUCTION

Ergon Energy Corporation Ltd
ABN 50 087 646 062

Approved
C NOEL

Checked
R MARGANI

Drawn
A JONES
Refer to Earthing Folder for Pole Earthing Constructions

Refer to Foundations Folder for Pole Foundation Constructions

Notes:
1. ABS structure and handle to be earthed to concrete pole, max resistance 10ohms
2. Refer to Earthing Folder for Pole Earthing Constructions
3. Refer to Foundations Folder for Pole Foundation Constructions
4. Structure contains provision for earth switch

Construction Code
C6SHA10

OVERHEAD SUB-TRANSMISSION SWITCHES
66kV HORIZONTAL DOUBLE BREAK ABS
WITHOUT EARTH SWITCH - CONSTRUCTION

Ergon Energy Corporation Ltd
ABN 50 087 646 062

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Note: Conductor constructions and foundation constructions not included in the above.
Refer to Earthing Folder for Pole Earthing Constructions

Refer to Foundations Folder for Pole Foundation Constructions

Notes:
1. ABS structure and handle to be earthed to concrete pole, max resistance 10 ohms
2. Refer to Earthing Folder for Pole Earthing Constructions
3. Refer to Foundations Folder for Pole Foundation Constructions

Construction Code
C1SHSA3CL/R
C1SHZA3CL/R
### OVERHEAD SUB-TRANSMISSION

#### MATERIAL - 132kV HORIZONTAL ABS

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**Note:** Conductor constructions and foundation constructions not included in the above.

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**OVERHEAD SUB-TRANSMISSION SWITCHES**

132kV HORIZONTAL DOUBLE BREAK ABS

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Refer to Conductor Hardware Folder for Conductor & Vibration Damper Constructions

Notes:
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Construction Code
C1SHA1O