

Individual single phase pad mount service transformers will utilize the following naming convention.

UG1.02 TTT.P.S – Overhead Transformer, Size, Primary Voltage, Secondary Voltage

UG1.02 – Denotes Single phase Loop Feed Pad Mount Transformer.

TTT – Transform Size in kVA.

- 005 – 5kVA transformer
- 025 – 25kVA transformer
- 075 – 75kVA transformer
- 100 – 100kVA transformer

P – H-Winding Configuration/Primary Voltage.

- 1 – 14.4/24.9kV – Single Winding – for use on 14/24.9kV system
- 2 – 7.2/12.5 X 14.4/24.9kV – Dual winding (Dual Voltage Transformer) – for use on either 7.2/12.5kV and 14.4/24.9kV systems
- 3 – 12kV – Single Winding – for use on 12kV system (Mountain Line)
- 4 – 7.2/12.5kV – Single Winding - for 7.2/12.5kV system (For retirement use only)

S – X-Winding Configuration/Service Voltage¹.

- 1 – 120/240V – Three Wire Single Phase Services and Delta Four Wire Three Phase Services
- 3 – 240/480V – Three Wire Single Phase Services and Delta Four Wire Three Phase Services

Examples:

UG1.02 025.1.1 – Single Phase 25kVA 14.4/24.9kV – 120/240V Loop Feed Transformer

UG1.02 100.2.3 - Single Phase 100kVA 7.2/12.5X14.4/24.9kV – 240/480V Loop Feed Transformer

Notes:

- 1. Service Voltages (2) 120/208V, (4) 277/480V, and (5) 2400/4160V not currently offered for single phase pad mount transformers.

Service Transformer Naming Convention, Single Phase Pad Mount Transformer

PRECorp

3/25/22

Rev. 0



UG1.02

120/240V Transformer Assemblies – for single phase and two phase services

- Pad Mount Transformer Assemblies
 - Single Phase: UG7
 - Delta Four Wire Three Phase: See RUS Bulletin 1728F-806 UG2.1.

Transformer Assembly	Size (kVA)	High Side Voltage	Low Side Voltage	Description
UG1.02 015.1.1	15	14.4/24.9kV	120/240V	1-PH Pad Trans-15kVA14.4ST 120/240
UG1.02 025.1.1	25			1-PH Pad Trans-25kVA14.4ST 120/240
UG1.02 037.1.1	37.5			1-PH Pad Trans-37kVA14.4ST 120/240
UG1.02 050.1.1	50			1-PH Pad Trans-50kVA14.4ST 120/240
UG1.02 075.1.1	75			1-PH Pad Trans-75kVA14.4ST 120/240
UG1.02 100.1.1	100			1-PH Pad Trans-100kVA14.4ST 120/240
UG1.02 167.1.1	167			1-PH Pad Trans-167kVA14.4ST 120/240
UG1.02 015.2.1	15	7.2/12.5 X 14.4/24.9kV	120/240V	1-PH Pad Trans-15kVA14.4DV 120/240
UG1.02 025.2.1	25			1-PH Pad Trans-25kVA14.4DV 120/240
UG1.02 037.2.1	37.5			1-PH Pad Trans-37kVA14.4DV 120/240
UG1.02 050.2.1	50			1-PH Pad Trans-50kVA14.4DV 120/240
UG1.02 075.2.1	75			1-PH Pad Trans-75kVA14.4DV 120/240
UG1.02 100.2.1	100			1-PH Pad Trans-100kVA14.4DV 120/240
UG1.02 167.2.1	167			1-PH Pad Trans-167kVA14.4DV 120/240
UG1.02 015.3.1	15	12kV	120/240V	1-PH Pad Trans-15kVA12 120/240
UG1.02 025.3.1	25			1-PH Pad Trans-25kVA12 120/240
UG1.02 037.3.1	37.5			1-PH Pad Trans-37kVA12 120/240
UG1.02 050.3.1	50			1-PH Pad Trans-50kVA12 120/240
UG1.02 075.3.1	75			1-PH Pad Trans-75kVA12 120/240

**Service Transformer Naming Convention,
Single Phase Pad Mount Transformer**

PRECorp

3/25/22

Rev. 0.00



UG1.02

240/480V Transformer Assemblies – for single phase and two phase services

- Pad Mount Transformer Assemblies
 - Single Phase: UG7
 - Delta Four Wire Three Phase: See RUS Bulletin 1728F-806 UG2.1.

Transformer Assembly	Size (kVA)	High Side Voltage	Low Side Voltage	Description
UG1.02 025.1.3	25	14.4/24.9kV	240/480V	1-PH Pad Trans-25kVA14.4ST 240/480
UG1.02 050.1.3	50			1-PH Pad Trans-50kVA14.4ST 240/480
UG1.02 075.1.3	75			1-PH Pad Trans-75kVA14.4ST 240/480
UG1.02 100.1.3	100			1-PH Pad Trans-100kVA14.4ST 240/480
UG1.02 167.1.3	167			1-PH Pad Trans-167kVA14.4ST 240/480
UG1.02 025.2.3	25	7.2/12.5 X 14.4/24.9kV	240/480V	1-PH Pad Trans-25kVA14.4DV 240/480
UG1.02 050.2.3	50			1-PH Pad Trans-50kVA14.4DV 240/480
UG1.02 075.2.3	75			1-PH Pad Trans-75kVA14.4DV 240/480
UG1.02 100.2.3	100			1-PH Pad Trans-100kVA14.4DV 240/480
UG1.02 167.2.3	167			1-PH Pad Trans-167kVA14.4DV 240/480

**Service Transformer Naming Convention,
Single Phase Pad Mount Transformer**

PRECorp
3/25/22
Rev. 0.00



UG1.02