

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

UG3.02 TTTT.P.S – Overhead Transformer, Size, Primary Voltage, Secondary Voltage

UG3.02 – Denotes Three phase Loop Feed Pad Mount Transformer.

TTTT – Transform Size in kVA.

- 0045 – 45kVA transformer
- 0075 – 75kVA transformer
- 0100 – 100kVA transformer
- 1500 – 1500kVA 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 Voltage.

- 2 – 120/208V – Wye Four Wire Three Phase Services.
- 4 – 277/480V – Wye Four Wire Three Phase Services.
- 5 – 2400/4160 – Wye Four Wire Three Phase Service

Examples:

UG3.02 0250.2.2 – Three Phase 250kVA 14.4/24.9kV – 120/208V Loop Feed Transformer

UG3.02 1000.2.4 – Three Phase 1000kVA 7.2/12.5X14.4/24.9kV – 277/480V Loop Feed Transformer

.Notes:

1. Secondary voltages (1) 120/240V and (3) 240/480V are not currently offered for three phase pad mount transformers.
2. Revision 0.1 added 300kVA transformers to 120/208V and 277/480V lists.
3. Revision 0.2 changed UG1.02 1000.2.4 to UG3.02 1000.2.4.

**SERVICE TRANSFORMER NAMING
CONVENTION, THREE PHASE PAD
MOUNT TRANSFORMER**

PRECorp

4/12/22

Rev. 0.2



UG3.02

120/208V Transformer Assemblies – for three phase services

- Pad Mount Transformer Assemblies
 - Three Phase: UG17

Transformer Assembly	Size (kVA)	High Side Voltage	Low Side Voltage	Description
UG3.02 0045.1.2	45	14.4/24.9kV	120/208V	3-PH Pad Trans-45kVA14.4ST 120/208
UG3.02 0075.1.2	75			3-PH Pad Trans-75kVA14.4ST 120/208
UG3.02 0112.1.2	112			3-PH Pad Trans-112kVA14.4ST 120/208
UG3.02 0150.1.2	150			3-PH Pad Trans-150kVA14.4ST 120/208
UG3.02 0225.1.2	225			3-PH Pad Trans-225kVA14.4ST 120/208
UG3.02 0300.1.2	300			3-PH Pad Trans-300kVA14.4ST 120/208
UG3.02 0500.1.2	500			3-PH Pad Trans-500kVA14.4ST 120/208
UG3.02 0045.2.2	45	7.2/12.5 X 14.4/24.9kV	120/208V	3-PH Pad Trans-45kVA14.4DV 120/208
UG3.02 0075.2.2	75			3-PH Pad Trans-75kVA14.4DV 120/208
UG3.02 0112.2.2	112			3-PH Pad Trans-112kVA14.4DV 120/208
UG3.02 0150.2.2	150			3-PH Pad Trans-150kVA14.4DV 120/208
UG3.02 0225.2.2	225			3-PH Pad Trans-225kVA14.4DV 120/208
UG3.02 0300.2.2	225			3-PH Pad Trans-300kVA14.4DV 120/208
UG3.02 0500.2.2	500			3-PH Pad Trans-500kVA14.4DV 120/208

Notes:

SERVICE TRANSFORMER NAMING CONVENTION, THREE PHASE PAD MOUNT TRANSFORMER

PRECorp

4/12/22

Rev. 0.00



UG3.02

277/480V Transformer Assemblies – three phase services

- Pad Mount Transformer Assemblies
 - Single Phase: UG17

Transformer Assembly	Size (kVA)	High Side Voltage	Low Side Voltage	Description		
UG3.02 0045.1.4	45	14.4/24.9kV	277/480V	3-PH Pad Trans-45kVA14.4ST 277/480		
UG3.02 0075.1.4	75			3-PH Pad Trans-75kVA14.4ST 277/480		
UG3.02 0112.1.4	112			3-PH Pad Trans-112kVA14.4ST 277/480		
UG3.02 0150.1.4	150			3-PH Pad Trans-150kVA14.4ST 277/480		
UG3.02 0225.1.4	225			3-PH Pad Trans-225kVA14.4ST 277/480		
UG3.02 0300.1.4	300			3-PH Pad Trans-300kVA14.4ST 277/480		
UG3.02 0500.1.4	500			3-PH Pad Trans-500kVA14.4ST 277/480		
UG3.02 0750.1.4	750			3-PH Pad Trans-750kVA14.4ST 277/480		
UG3.02 1000.1.4	1000			3-PH Pad Trans-1MVA14.4ST 277/480		
UG3.02 1500.1.4	1500			3-PH Pad Trans-1.5MVA14.4ST 277/480		
UG3.02 2000.1.4	2000			3-PH Pad Trans-2MVA14.4ST 277/480		
UG3.02 2500.1.4	2500			3-PH Pad Trans-2.5MVA14.4ST 277/480		
UG3.02 0045.2.4	45			7.2/12.5 X 14.4/24.9kV	277/480V	3-PH Pad Trans-45kVA14.4DV 277/480
UG3.02 0075.2.4	75					3-PH Pad Trans-75kVA14.4DV 277/480
UG3.02 0112.2.4	112	3-PH Pad Trans-112kVA14.4DV 277/480				
UG3.02 0150.2.4	150	3-PH Pad Trans-150kVA14.4DV 277/480				
UG3.02 0225.2.4	225	3-PH Pad Trans-225kVA14.4DV 277/480				
UG3.02 0300.2.4	300	3-PH Pad Trans-300kVA14.4DV 277/480				
UG3.02 0500.2.4	500	3-PH Pad Trans-500kVA14.4DV 277/480				
UG3.02 0750.2.4	750	3-PH Pad Trans-750kVA14.4DV 277/480				
UG3.02 1000.2.4	1000	3-PH Pad Trans-1MVA14.4DV 277/480				
UG3.02 1500.2.4	1500	3-PH Pad Trans-1.5MVA14.4DV 277/480				
UG3.02 2000.2.4	2000	3-PH Pad Trans-2MVA14.4DV 277/480				
UG3.02 2500.2.4	2500	3-PH Pad Trans-2.5MVA14.4DV 277/480				

Notes:

SERVICE TRANSFORMER NAMING CONVENTION, THREE PHASE PAD MOUNT TRANSFORMER

PRECorp

4/12/22

Rev. 0.00



UG3.02

2400/4160V Transformer Assemblies – three phase services

- Pad Mount Transformer Assemblies
 - Single Phase: UG17

Transformer Assembly	Size (kVA)	High Side Voltage	Low Side Voltage	Description
UG3.02 0150.1.5	150	14.4/24.9kV	2400/4160V	3-PH Pad Trans-150kVA14.4ST 2400/4160
UG3.02 0225.1.5	250			3-PH Pad Trans-225kVA14.4ST 2400/4160
UG3.02 0300.1.5	300			3-PH Pad Trans-300kVA14.4ST 2400/4160
UG3.02 0500.1.5	500			3-PH Pad Trans-500kVA14.4ST 2400/4160
UG3.02 0750.1.5	750			3-PH Pad Trans-750kVA14.4ST 2400/4160
UG3.02 1000.1.5	1000			3-PH Pad Trans-1MVA14.4ST 2400/4160
UG3.02 1500.1.5	1500			3-PH Pad Trans-1.5MVA14.4ST 2400/4160
UG3.02 2000.1.5	2000			3-PH Pad Trans-2MVA14.4ST 2400/4160
UG3.02 3750.1.5	3750			3-PH Pad Trans-3.75MVA14.4ST 2400/4160
UG3.02 0150.2.5	150			7.2/12.5 X 14.4/24.9kV
UG3.02 0225.2.5	250	PAD 3-PH 225KVA 14.4ST 4160/2400 CON		
UG3.02 0300.2.5	300	3-PH Pad Trans-300kVA14.4DV 2400/4160		
UG3.02 0500.2.5	500	3-PH Pad Trans-500kVA14.4DV 2400/4160		
UG3.02 0750.2.5	750	3-PH Pad Trans-750kVA14.4DV 2400/4160		
UG3.02 1000.2.5	1000	3-PH Pad Trans-1MVA14.4DV 2400/4160		
UG3.02 1500.2.5	1500	3-PH Pad Trans-1.5MVA14.4DV 2400/4160		
UG3.02 2000.2.5	2000	3-PH Pad Trans-2MVA14.4DV 2400/4160		
UG3.02 3750.2.5	3750	3-PH Pad Trans-3.75MVA14.4DV 2400/4160		

Notes:

SERVICE TRANSFORMER NAMING CONVENTION, THREE PHASE PAD MOUNT TRANSFORMER

PRECorp

4/12/22

Rev. 0.00



UG3.02