

Customer :

Date of Issue : 06-Jan-10

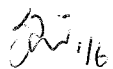

SPECIFICATION

(for Approval)

Commodity	SURGE ABSORBING CAPACITOR
Rating	3300/ $\sqrt{3}$ V 3 Φ 50Hz 0.1 μ F \times 3
Spec No.	PJ - 023 - 5
DWG No.	KJ - 023 - 5

Approved	

 **SAMWHA CAPACITOR CO., LTD.**

Prepared	Checked	Approved
		

Address : 124, Buk - ri, Namsa - myeun, Cheoin - Gu, Yongin - City,
Kyungki - Do, Korea (Zip code : 449 - 884)

Telephone : 031 - 330 - 5838 ~ 5841

Facsimile : 031 - 339 - 0413

SPECIFICATION

UNIT CAPACITOR

1 / 1

- 1. SCOPE : SURGE ABSORBING CAPACITOR

- 2. USUAL SERVICE CONDITION
 - 1) ALTITUDE : MAX. 1000 METERS ABOVE SEA LEVEL
 - 2) AMBIENT TEMPERATURE : -20°C ~ +40°C
(AVERAGE AMBIENT TEMPERATURE FOR A PERIOD OF 24HOURS : BELOW +35°C, 1YEAR : BELOW +25°C)

- 3. LOCATION : INDOOR/OUTDOOR

- 4. TYPE : THF - T3003TCR

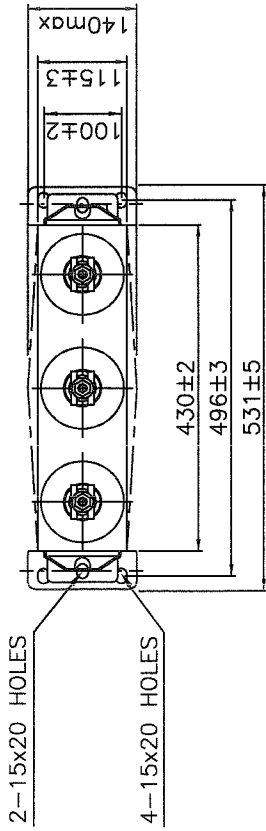
- 5. RATING OF CAPACITOR UNIT
 - 1) RATED VOLTAGE : 3300/√3 [VAC]
 - 2) RATED CAPACITY : 0.1 × 3 [μF]
 - 3) FREQUENCY : 50 [Hz]
 - 4) PHASE : 3 [Φ]

- 6. PERFORMANCES
 - 1) CAPACITANCE TOLERANCE : FROM -5% ~ +10% OF THE RATED VALUE (AT 20°C)
 - 2) WITHSTANDING VOLTAGE TEST
 - BETWEEN TERMINALS AND CSAE : 16 [kVAC], 60 SEC
 - 3) MAXIMUM PERMISSIBLE VOLTAGE : 110% OF THE RATED VOLTAGE
 - 4) CAPACITOR LOSS : BELOW 0.6% (AT 20°C, RATED VOLTAGE)
 - 5) SEALING TEST : NO OIL LEAKS WHEN HEATING A CAPACITOR IN A THERMOSTATIC BATCH OF 60°C UNTIL A CONSTANT TEMPERATURE IS REACHED

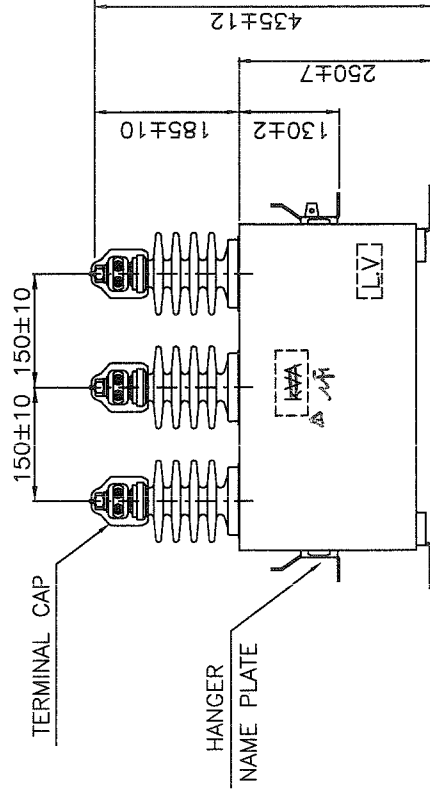
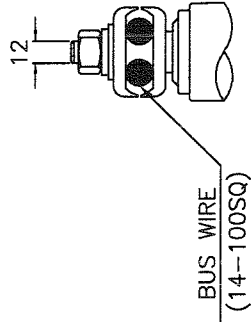
- 7. THE OTHERS
 - 1) PAINTING COLOR : MUNSELL 5Y7/1
 - 2) IMPREGNATION : CAPACITOR OIL (NON P.C.B)
 - 3) APPROXIMATE WEIGHT : 23 [kg]
 - 4) BUSHING : 3 BUSHING (75kV. BIL)
 - 5) CREEPAGE DISTANCE : 190.5 [mm]

- 8. REFERENCE STANDARD : JEM 1362

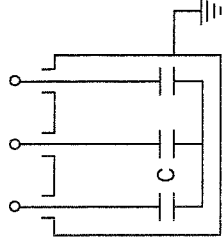




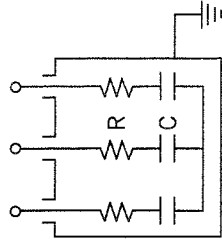
TERMINAL DETAIL



INNER CONNECTION



C TYPE
C : CAPACITOR



C-R TYPE
C : CAPACITOR
R : RESISTOR

3300/√3 V C TYPE :
3300/√3 V C-R TYPE :

REVISION	SYMBOL	ITEMS	REASON	DATE	CHECK
Δ x 1		KVA → 1000		10.01.06	Dr
Δ x					
Δ x					
Δ x					

NAME OF PART	SURGE SBSORBING CAPACITOR (3Φ 50/60HZ 0.1uF x 3)		SCALE	N/S	DIM	mm
DESIGN	CHECKED	APPROVED	DATE	AUG, 26, 2003		
			SPEC No.	PJ-023-5		
			PROJECT NO			
			ITEM NO			
			DRAW No.	KJ-023-5		

SPECIFICATION

(for Approval)

Commodity	SURGE ABSORBING CAPACITOR
Rating	24/ $\sqrt{3}$ kV 1 Φ 50Hz 0.2 μ F
Spec No.	PJ - 049 - 2
DWG No.	KJ - 047 - 3

Approved	

 **SAMWHA CAPACITOR CO.,LTD.**

Prepared	Checked	Approved
<i>PJ</i>		<i>7/16</i>

Address : 124, Buk - ri, Namsa - myeun, Cheoin - Gu, Yongin - City,
Kyungki - Do, Korea (Zip code : 449 - 884)

Telephone : 031 - 330 - 5838 ~ 5841

Facsimile : 031 - 339 - 0413

SPECIFICATION

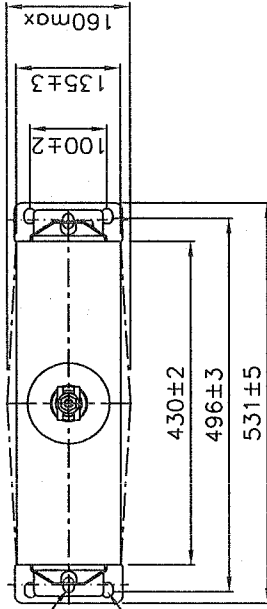
UNIT CAPACITOR

1 / 1

1. SCOPE : SURGE ABSORBING CAPACITOR
2. USUAL SERVICE CONDITION
- 1) ALTITUDE : MAX. 1000 METERS ABOVE SEA LEVEL
- 2) AMBIENT TEMPERATURE : -20°C ~ +40°C
(AVERAGE AMBIENT TEMPERATURE FOR A PERIOD
OF 24HOURS : BELOW +35°C, 1YEAR : BELOW +25°C)
3. LOCATION : INDOOR/OUTDOOR
4. TYPE : THF - T24002S
5. RATING OF CAPACITOR UNIT
- 1) RATED VOLTAGE : 24/√3 [kVAC]
- 2) RATED CAPACITY : 0.2 [μF]
- 3) FREQUENCY : 50 [Hz]
- 4) PHASE : 1 [Φ]
6. PERFORMANCES
- 1) CAPACITANCE TOLERANCE : FROM -5% ~ +10% OF THE RATED VALUE (AT 20°C)
- 2) WITHSTANDING VOLTAGE TEST
- BETWEEN TERMINALS AND CSAE : 50 [kVAC], 60 SEC
- 3) MAXIMUM PERMISSIBLE VOLTAGE : 110% OF THE RATED VOLTAGE
- 4) CAPACITOR LOSS : BELOW 0.5% (AT 20°C, RATED VOLTAGE)
- 5) SEALING TEST : NO OIL LEAKS WHEN HEATING A CAPACITOR IN A
THERMOSTATIC BATCH OF 60°C UNTIL A CONSTANT
TEMPERATURE IS REACHED
7. THE OTHERS
- 1) PAINTING COLOR : MUNSELL 5Y7/1
- 2) IMPREGNATION : CAPACITOR OIL (NON P.C.B)
- 3) APPROXIMATE WEIGHT : 30 [kg]
- 4) BUSHING : 1 BUSHING (150kV. BIL)
- 5) CREEPAGE DISTANCE : 457.2 [mm]
8. REFERENCE STANDARD : JEM 1362

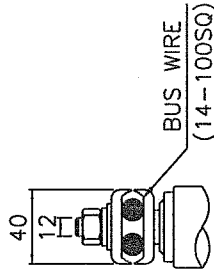


2-15x20 SLOTS

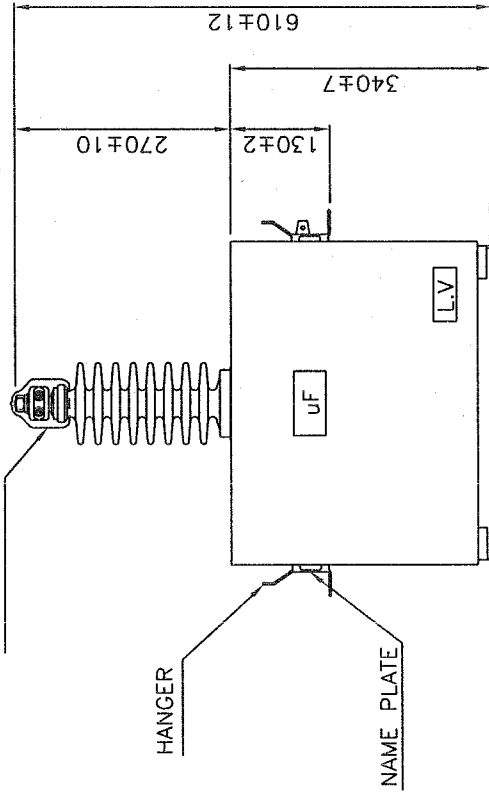


4-15x20 SLOTS

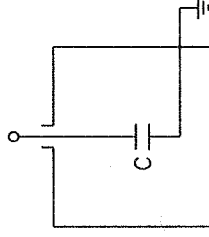
TERMINAL DETAIL



TERMINAL CAP



INNER CONNECTION



C : CAPACITOR

EARTH TERMINAL
(22SQ max)

* Approx Weight : 30kg

* Ambient Temperature : -20 °C ~ +40 °C

REVISION	SYMBOL	ITEMS	REASON	DATE	CHECK
△*					
△*					
△*					
△*					
△*					

NAME OF PART	SURGE ABSORBING CAPACITOR (24/J3KV 1φ 50/60Hz 0.2uF)		SCALE	N/S	DIM	mm
DESIGN	CHECKED	APPROVED	DATE	JAN, 06, 2010		
<i>Jin</i>		<i>7/6/16</i>	SPEC No.	PJ-049-2		
			PROJECT NO	ITEM NO		
			DRAW No.	KJ-047-3		