

TYPE

BIL 125 kV

PPC Catalogue No.: 342 150 4D37 0814

Specification Description	Technical Particulars	Unit
Manufacturer's Name & Country	PPC	
Manufacturer's Type Designation	Products	
Drawing No.	4D37 0 M	
Mechanical strength	8	kN
BIL	125	kV
Minimum CD	600	mm
Top PCD	76	mm
Bottom PCD	76	mm
Glaze Color	brown	
No. of Units	1	
kV Level	24	kV
Core Diameter	86	mm
Max. Shed/Outer Diameter	193	mm
Porcelain Weight	7.5	kg
Assembled Weight	10	kg
Height	305	mm
Large Sheds	3	
Small Sheds	2	

4 TAPPED HOLES M12x1,75 ON 76 B.C. - DEEP 16

TOP

305 ±1

86

100

76

Ø100

Ø86

Ø193

BOTTOM

4 TAPPED HOLES M12x1,75 ON 76 B.C. - DEEP 16

DIMENSIONAL CHARACTERISTICS

LEAKAGE DISTANCE NOMINAL	mm	600
DRY ARCING DISTANCE	mm	200

MECHANICAL CHARACTERISTICS

CANTILEVER STRENGTH	kN	8
TORSIONAL STRENGTH	kN.m	2

ELECTRICAL CHARACTERISTICS

POWER FREQUENCY WITHSTAND (WET)	kV	50
SWITCHING IMPULSE WITHSTAND (WET)	kV	-
LIGHTNING IMPULSE WITHSTAND VOLTAGE	kV	125

PACKING CHARACTERISTICS

UNIT NET WEIGHT	kg	10
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NOTES :

- 1- TOLERANCES ACCORDING TO IEC 60168
- 2- NUMBER OF SHEDS : 5
- 3- ALL FERROUS PARTS ARE HOT DIP GALV. PER ASTM A-153
- 4- DIMENSIONS IN MILLIMETERS
- 5- COLOUR: BROWN OR GRAY
- 6- PORCELAIN MATERIAL: ACCORDING TO IEC 60672-3 CLASS C-110

DENOMINATION:		PPC SANTANA		IDENTIFICATION	
STATION POST INSULATOR				REFERENCE	
SOLID CORE - 125 kV (BIL)				PTR-1156	
CAB LAN 4D37 0M				REVISION	
				1	
ORIGIN:		SANTANA DESIGN		SHEET	
(IEC 60273/168-CLASS C8-125)				SCALE	
				-	

TYPE

BIL 125 kV

PPC Catalogue No.: 342 150 4D38 0814

Specification Description	Technical Particulars	Unit
Manufacturer's Name & Country	PPC	
Manufacturer's Type Designation	Products	
Drawing No.	4D38 0 M	
Mechanical strength	12.5	kN
BIL	125	kV
Minimum CD	600	mm
Top PCD	76	mm
Bottom PCD	76	mm
Glaze Color	brown	
No. of Units	1	
kV Level	24	kV
Core Diameter	88	mm
Max. Shed/Outer Diameter	198	mm
Porcelain Weight	8	kg
Assembled Weight	11	kg
Height	305	mm
Large Sheds	3	
Small Sheds	2	

4 TAPPED HOLES M12x1,75 ON 76 B.C. - DEEP 16

TOP

305 ± 1

ø198

BOTTOM

4 TAPPED HOLES M12x1,75 ON 76 B.C. - DEEP 16

PPC SANTANA

DIMENSIONAL CHARACTERISTICS

LEAKAGE DISTANCE NOMINAL	mm	600
DRY ARCING DISTANCE	mm	200

MECHANICAL CHARACTERISTICS

CANTILEVER STRENGTH	kN	12,5
TORSIONAL STRENGTH	kN.m	3

ELECTRICAL CHARACTERISTICS

POWER FREQUENCY WITHSTAND (WET)	kV	50
SWITCHING IMPULSE WITHSTAND (WET)	kV	-
LIGHTNING IMPULSE WITHSTAND VOLTAGE	kV	125

PACKING CHARACTERISTICS

UNIT NET WEIGHT	kg	11
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NOTES :

- 1- TOLERANCES ACCORDING TO IEC 60168
- 2- NUMBER OF SHEDS : 5
- 3- ALL FERROUS PARTS ARE HOT DIP GALV. PER ASTM A-153
- 4- DIMENSIONS IN MILLIMETERS
- 5- COLOUR: BROWN OR GRAY
- 6- PORCELAIN MATERIAL: ACCORDING TO IEC 60672-3 CLASS C-110

DENOMINATION:		PPC SANTANA			IDENTIFICATION	
STATION POST INSULATOR					REFERENCE	
SOLID CORE - 125 kV (BIL)					PTR-1154	
CAB LAN 4D38 0M					REVISION	
ORIGIN:		ELAS / DATE	VER. / DATE	APPROV. / DATE		
SANTANA DESIGN		LUS 21/10/19	EWANRO 21/10/19	MARCELO 21/10/19	2	
(IEC 60273/168-CLASS C12,5-125)		CODE: CAD:G-FROM-PROPOSTA VTR	CODE:	TYPE:CAD	SHEET	SCALE